

Documents

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Search: AUTHOR-NAME(kucukkoc,i)

- 1) Yin, T., Zhang, Z., Zhang, Y., Wu, T., Liang, W.

[Mixed-integer programming model and hybrid driving algorithm for multi-product partial disassembly line balancing problem with multi-robot workstations](#)

(2022) Robotics and Computer-Integrated Manufacturing, 73, art. no. 102251, .

- 1) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114021697&doi=10.1016%2fj.rcim.2021.102251&partnerID=40&md5=b>

DOI: 10.1016/j.rcim.2021.102251

Document Type: Article

Publication Stage: Final

Source: Scopus

- 2) Chakraborty, A., Tangestani, R., Batmaz, R., Muhammad, W., Plamondon, P., Wessman, A., Yuan, L., Martin, É.

[In-process failure analysis of thin-wall structures made by laser powder bed fusion additive manufacturing](#)

(2022) Journal of Materials Science and Technology, 98, pp. 233-243.

- 2) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110333484&doi=10.1016%2fj.jmst.2021.05.017&partnerID=40&md5=b>

DOI: 10.1016/j.jmst.2021.05.017

Document Type: Article

Publication Stage: Final

Source: Scopus

- 3) Pata, A., Sá, J.C., da Silva, F.J.G., Silva, O., Barreto, L., Ferreira, L.P.

[Conceptual Model of Production Engineers' Actions to Monitor Workers' Exposure to Occupational Risks](#)

(2022) Lecture Notes in Mechanical Engineering, pp. 79-87.

- 3) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111449905&doi=10.1007%2f978-3-030-78170-5_8&partnerID=40&md5=b

DOI: 10.1007/978-3-030-78170-5_8

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 4) Zhang, Z., Tang, Q., Qian, X.

[Integration of balancing and preventive maintenance in straight and U-shaped resource-dependent assembly lines: MILP model and memetic algorithm](#)

(2021) Applied Soft Computing, 113, art. no. 107773, .

- 4) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114916173&doi=10.1016%2fj.asoc.2021.107773&partnerID=40&md5=...>
DOI: 10.1016/j.asoc.2021.107773

Document Type: Article

Publication Stage: Final

Source: Scopus

- 5) Jiang, Q., Li, S., Zhou, C., Zhang, B., Zhang, Y.
[Effects of laser shock peening on the ultra-high cycle fatigue performance of additively manufactured Ti6Al4V alloy](#)

(2021) Optics and Laser Technology, 144, art. no. 107391, .

- 5) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113372259&doi=10.1016%2fj.optlastec.2021.107391&partnerID=40&md5=...>
DOI: 10.1016/j.optlastec.2021.107391

Document Type: Article

Publication Stage: Final

Source: Scopus

- 6) Li, Z., Janardhanan, M.N.
[Modelling and solving profit-oriented U-shaped partial disassembly line balancing problem](#)

(2021) Expert Systems with Applications, 183, art. no. 115431, .

- 6) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108162031&doi=10.1016%2fj.eswa.2021.115431&partnerID=40&md5=...>
DOI: 10.1016/j.eswa.2021.115431

Document Type: Article

Publication Stage: Final

Source: Scopus

- 7) Zhang, W., Hou, L., Jiao, R.J.
[Dynamic takt time decisions for paced assembly lines balancing and sequencing considering highly mixed-model production: An improved artificial bee colony optimization approach](#)

(2021) Computers and Industrial Engineering, 161, art. no. 107616, .

- 7) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113378330&doi=10.1016%2fj.cie.2021.107616&partnerID=40&md5=8...>
DOI: 10.1016/j.cie.2021.107616

Document Type: Article

Publication Stage: Final

Source: Scopus

- 8) Chen, C., Xiao, Z., Wang, Y., Yang, X., Zhu, H.

[Prediction study on in-situ reduction of thermal stress using combined laser beams in laser powder bed fusion](#)

(2021) Additive Manufacturing, 47, art. no. 102221, .

- 8) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113275778&doi=10.1016%2fj.addma.2021.102221&partnerID=40&md5=3>
DOI: 10.1016/j.addma.2021.102221

Document Type: Article

Publication Stage: Final

Source: Scopus

- 9) ÇİL, Z.A.

[An exact solution method for multi-manned disassembly line design with AND/OR precedence relations](#)

(2021) Applied Mathematical Modelling, 99, pp. 785-803.

- 9) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111472772&doi=10.1016%2fj.apm.2021.07.013&partnerID=40&md5=3>
DOI: 10.1016/j.apm.2021.07.013

Document Type: Article

Publication Stage: Final

Source: Scopus

- 10) Ye, Z., Liu, C., Tian, W., Kan, C.

[In-situ point cloud fusion for layer-wise monitoring of additive manufacturing](#)

(2021) Journal of Manufacturing Systems, 61, pp. 210-222.

- 10) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115185319&doi=10.1016%2fj.jmsy.2021.09.002&partnerID=40&md5=3>
DOI: 10.1016/j.jmsy.2021.09.002

Document Type: Article

Publication Stage: Final

Source: Scopus

- 11) Ferreira, D.F.S., Miranda, G., Oliveira, F.J., Oliveira, J.M.

[Predictive models for an optimized fabrication of 18Ni300 maraging steel for moulding and tooling by Selective Laser Melting](#)

(2021) Journal of Manufacturing Processes, 70, pp. 46-54.

- 11) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113357455&doi=10.1016%2fj.jmapro.2021.07.066&partnerID=40&md5=3>
DOI: 10.1016/j.jmapro.2021.07.066

Document Type: Article

Publication Stage: Final

Document Type: Article
 Publication Stage: Final
 Source: Scopus

- 16) Zhang, Z., Tang, Q., Chica, M.
[A robust MILP and gene expression programming based on heuristic rules for mixed-model multi-manned assembly line balancing](#)
 (2021) Applied Soft Computing, 109, art. no. 107513, .

- 16) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106458114&doi=10.1016%2fj.asoc.2021.107513&partnerID=40&md5=b>
 DOI: 10.1016/j.asoc.2021.107513

Document Type: Article
 Publication Stage: Final
 Source: Scopus

- 17) Zamzam, N., El-Kharbotly, A.K., Sadek, Y.
[Balancing time and physical effort in two-sided assembly lines](#)
 (2021) Ain Shams Engineering Journal, 12 (3), pp. 2921-2933.

- 17) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102851887&doi=10.1016%2fj.asej.2021.02.009&partnerID=40&md5=b>
 DOI: 10.1016/j.asej.2021.02.009

Document Type: Article
 Publication Stage: Final
 Access Type: Open Access
 Source: Scopus

- 18) Khalid, M.N.A., Yusof, U.K.
[Incorporating shifting bottleneck identification in assembly line balancing problem using an artificial immune system approach](#)
 (2021) Flexible Services and Manufacturing Journal, 33 (3), pp. 717-749.

- 18) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086357348&doi=10.1007%2fs10696-020-09389-1&partnerID=40&md5=b>
 DOI: 10.1007/s10696-020-09389-1

Document Type: Article
 Publication Stage: Final
 Source: Scopus

- 19) Chantarasamai, K., Lasunon, O.-U.
[Modified Differential Evolution Algorithm for U-Shaped Assembly Line Balancing Type 2](#)
 (2021) International Journal of Intelligent Engineering and Systems, 14 (4), pp. 452-462.

19)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109439687&doi=10.22266%2fijies2021.0831.39&partnerID=40&md5=>
DOI: 10.22266/ijies2021.0831.39

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus

- 20) Gao, B., Zhang, S., Sun, H., Ma, C.

[Assembly sequence planning based on adaptive gravitational search algorithm](#)

(2021) International Journal of Advanced Manufacturing Technology, 115 (11-12), pp. 3689-3700.

- 20) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107784662&doi=10.1007%2fs00170-021-07241-w&partnerID=40&md5=>
DOI: 10.1007/s00170-021-07241-w

Document Type: Article
Publication Stage: Final
Source: Scopus

- 21) Zhu, X., Cao, Y.

[The optimal recovery-fund based strategy for uncertain supply chain disruptions: A risk-averse two-stage stochastic programming approach](#)

(2021) Transportation Research Part E: Logistics and Transportation Review, 152, art. no. 102387, .

- 21) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107716286&doi=10.1016%2fj.tre.2021.102387&partnerID=40&md5=6>
DOI: 10.1016/j.tre.2021.102387

Document Type: Article
Publication Stage: Final
Source: Scopus

- 22) Bock, S., Boysen, N.

[Integrated real-time control of mixed-model assembly lines and their part feeding processes](#)

(2021) Computers and Operations Research, 132, art. no. 105344, .

- 22) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107645452&doi=10.1016%2fj.cor.2021.105344&partnerID=40&md5=2>
DOI: 10.1016/j.cor.2021.105344

Document Type: Article
Publication Stage: Final
Source: Scopus

- 23) Chong, H.Y., Yap, H.J., Tan, S.C., Yap, K.S., Wong, S.Y.

[Advances of metaheuristic algorithms in training neural networks for industrial applications](#)

(2021) Soft Computing, 25 (16), pp. 11209-11233. Cited 1 time.

- 23) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106739708&doi=10.1007%2fs00500-021-05886-z&partnerID=40&md5=10.1007/s00500-021-05886-z>
DOI: 10.1007/s00500-021-05886-z

Document Type: Article

Publication Stage: Final

Source: Scopus

- 24) Li, Z., Yang, S., Liu, B., Liu, W., Kuai, Z., Nie, Y.

[Simulation of temperature field and stress field of selective laser melting of multi-layer metal powder](#)

(2021) Optics and Laser Technology, 140, art. no. 106782, .

- 24) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101983235&doi=10.1016%2fj.optlastec.2020.106782&partnerID=40&md5=10.1016/j.optlastec.2020.106782>
DOI: 10.1016/j.optlastec.2020.106782

Document Type: Article

Publication Stage: Final

Source: Scopus

- 25) Cruz-Duarte, J.M., Amaya, I., Ortíz-Bayliss, J.C., Correa, R.

[Solving microelectronic thermal management problems using a generalized spiral optimization algorithm](#)

(2021) Applied Intelligence, 51 (8), pp. 5622-5643.

- 25) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099453716&doi=10.1007%2fs10489-020-02164-7&partnerID=40&md5=10.1007/s10489-020-02164-7>
DOI: 10.1007/s10489-020-02164-7

Document Type: Article

Publication Stage: Final

Source: Scopus

- 26) Eslamipoor, R., Nobari, A.

[A Mathematical Model for an Integrated Assembly Line Regarding Learning and Fatigue Effects](#)

(2021) Robotica, 39 (8), pp. 1434-1450. Cited 1 time.

- 26) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099135515&doi=10.1017%2fS0263574720001265&partnerID=40&md5=10.1017/S0263574720001265>
DOI: 10.1017/S0263574720001265

Document Type: Article

Publication Stage: Final

Source: Scopus

- 27) Tan, Q., Fan, Z., Tang, X., Yin, Y., Li, G., Huang, D., Zhang, J., Liu, Y., Wang, F., Wu, T., Yang, X.,

Huang, H., Zhu, Q., Zhang, M.-X.

[A novel strategy to additively manufacture 7075 aluminium alloy with selective laser melting](#)

(2021) Materials Science and Engineering A, 821, art. no. 141638, .

- 27) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108706440&doi=10.1016%2fj.msea.2021.141638&partnerID=40&md5=74e7f9>
DOI: 10.1016/j.msea.2021.141638

Document Type: Article

Publication Stage: Final

Source: Scopus

- 28) Mete, S., Serin, F.

[A Reinforcement Learning Approach for Disassembly Line Balancing Problem](#)

(2021) 2021 International Conference on Information Technology, ICIT 2021 - Proceedings, art. no.

9491689, pp. 424-427.

- 28) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112183586&doi=10.1109%2fICIT52682.2021.9491689&partnerID=40&md5=74e7f9>
DOI: 10.1109/ICIT52682.2021.9491689

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 29) Zhang, C., Dou, J., Sun, Q.

[A hybrid particle swarm optimization for cost-oriented robotic assembly line balancing problem](#)

(2021) IEEE/ASME International Conference on Advanced Intelligent Mechatronics, AIM, 2021-July,

pp. 286-291.

- 29) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114965560&doi=10.1109%2fAIM46487.2021.9517567&partnerID=40&md5=74e7f9>
DOI: 10.1109/AIM46487.2021.9517567

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 30) Dhiman, S., Singh, M., Sidhu, S.S., Bahraminasab, M., Pimenov, D.Y., Mikolajczyk, T.

[Cubic lattice structures of ti6al4v under compressive loading: Towards assessing the performance for hard tissue implants alternative](#)

(2021) Materials, 14 (14), art. no. 3866, .

- 30) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111047987&doi=10.3390%2fma14143866&partnerID=40&md5=74e7f9>
DOI: 10.3390/ma14143866

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 31) Yin, T., Zhang, Z., Jiang, J.

[A Pareto-discrete hummingbird algorithm for partial sequence-dependent disassembly line balancing problem considering tool requirements](#)

(2021) Journal of Manufacturing Systems, 60, pp. 406-428.

- 31) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109549430&doi=10.1016%2fj.jmsy.2021.07.005&partnerID=40&md5=>

DOI: 10.1016/j.jmsy.2021.07.005

Document Type: Article

Publication Stage: Final

Source: Scopus

- 32) Breckle, T., Manns, M., Kiefer, J.

[Assembly system design using interval-based customer demand](#)

(2021) Journal of Manufacturing Systems, 60, pp. 239-251.

- 32) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107934001&doi=10.1016%2fj.jmsy.2021.06.004&partnerID=40&md5=>

DOI: 10.1016/j.jmsy.2021.06.004

Document Type: Article

Publication Stage: Final

Source: Scopus

- 33) Pınarbaşı, M.

[New chance-constrained models for U-type stochastic assembly line balancing problem](#)

(2021) Soft Computing, 25 (14), pp. 9559-9573.

- 33) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107573025&doi=10.1007%2fs00500-021-05921-z&partnerID=40&md5=>

DOI: 10.1007/s00500-021-05921-z

Document Type: Article

Publication Stage: Final

Source: Scopus

- 34) Alicastro, M., Ferone, D., Festa, P., Fugaro, S., Pastore, T.

[A reinforcement learning iterated local search for makespan minimization in additive manufacturing machine scheduling problems](#)

(2021) Computers and Operations Research, 131, art. no. 105272, . Cited 1 time.

- 34) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105005963&doi=10.1016%2fj.cor.2021.105272&partnerID=40&md5=>

DOI: 10.1016/j.cor.2021.105272

Document Type: Article

Publication Stage: Final

Source: Scopus

- 35) Li, Z., Kucukkoc, I., Tang, Q.

[Enhanced branch-bound-remember and iterative beam search algorithms for type II assembly line balancing problem](#)

(2021) Computers and Operations Research, 131, art. no. 105235, . Cited 3 times.

- 35) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102399848&doi=10.1016%2fj.cor.2021.105235&partnerID=40&md5=4>

DOI: 10.1016/j.cor.2021.105235

Document Type: Article

Publication Stage: Final

Source: Scopus

- 36) Demir, E., Eyers, D., Huang, Y.

[Competing through the last mile: Strategic 3D printing in a city logistics context](#)

(2021) Computers and Operations Research, 131, art. no. 105248, .

- 36) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102061307&doi=10.1016%2fj.cor.2021.105248&partnerID=40&md5=d>

DOI: 10.1016/j.cor.2021.105248

Document Type: Article

Publication Stage: Final

Source: Scopus

- 37) Anand, M., Das, A.K.

[Issues in fabrication of 3D components through DMLS Technique: A review](#)

(2021) Optics and Laser Technology, 139, art. no. 106914, . Cited 2 times.

- 37) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100531287&doi=10.1016%2fj.optlastec.2021.106914&partnerID=40&n>

DOI: 10.1016/j.optlastec.2021.106914

Document Type: Review

Publication Stage: Final

Source: Scopus

- 38) Qiao, L., Zhang, Z., Huang, Z.

[A scheduling algorithm for multi-workshop production based on bom and process route](#)

(2021) Applied Sciences (Switzerland), 11 (11), art. no. 5078, .

38)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107839105&doi=10.3390%2fapp11115078&partnerID=40&md5=3f765>
DOI: 10.3390/app11115078

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus

- 39) Jung, W.-K., Park, Y.-C., Lee, J.-W., Suh, E.S.

[Simulation-based hybrid optimization method for the digital twin of garment production lines](#)

(2021) Journal of Computing and Information Science in Engineering, 21 (3), art. no. 031007, .

- 39) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106678797&doi=10.1115%2f1.4050245&partnerID=40&md5=c4b742e>
DOI: 10.1115/1.4050245

Document Type: Article
Publication Stage: Final
Source: Scopus

- 40) Jiao, Y.-L., Jin, H.-Q., Xing, X.-C., Li, M.-J., Liu, X.-R.

[Assembly line balance research methods, literature and development review](#)

(2021) Concurrent Engineering Research and Applications, 29 (2), pp. 183-194.

- 40) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105493039&doi=10.1177%2f1063293X20987910&partnerID=40&md5>
DOI: 10.1177/1063293X20987910

Document Type: Review
Publication Stage: Final
Source: Scopus

- 41) Caiazzo, F., Alfieri, V.

[Optimization of laser beam welding of steel parts made by additive manufacturing](#)

(2021) International Journal of Advanced Manufacturing Technology, 114 (9-10), pp. 3123-3136.

Cited 1 time.

- 41) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104941349&doi=10.1007%2fs00170-021-07039-w&partnerID=40&md5>
DOI: 10.1007/s00170-021-07039-w

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus

- 42) Waqar, S., Guo, K., Sun, J.

[FEM analysis of thermal and residual stress profile in selective laser melting of 316L stainless steel](#)

(2021) Journal of Manufacturing Processes, 66, pp. 81-100. Cited 1 time.

- 42) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104082836&doi=10.1016%2fj.jmapro.2021.03.040&partnerID=40&md5=9458970>

DOI: 10.1016/j.jmapro.2021.03.040

Document Type: Article

Publication Stage: Final

Source: Scopus

- 43) Che, Y., Hu, K., Zhang, Z., Lim, A.

[Machine scheduling with orientation selection and two-dimensional packing for additive manufacturing](#)

(2021) Computers and Operations Research, 130, art. no. 105245, . Cited 1 time.

- 43) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101794196&doi=10.1016%2fj.cor.2021.105245&partnerID=40&md5=9458970>

DOI: 10.1016/j.cor.2021.105245

Document Type: Article

Publication Stage: Final

Source: Scopus

- 44) Jinoop, A.N., Paul, C.P., Nayak, S.K., Kumar, J.G., Bindra, K.S.

[Effect of laser energy per unit powder feed on Hastelloy-X walls built by laser directed energy deposition based additive manufacturing](#)

(2021) Optics and Laser Technology, 138, art. no. 106845, .

- 44) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099164063&doi=10.1016%2fj.optlastec.2020.106845&partnerID=40&md5=9458970>

DOI: 10.1016/j.optlastec.2020.106845

Document Type: Article

Publication Stage: Final

Source: Scopus

- 45) Xue, S., Wu, L., Chen, G., Cheng, S., Yuan, Y.

[Optimization of Assembly Scheduling Based on an Improved Adaptive Genetic Algorithm](#)

(2021) 2021 4th International Conference on Artificial Intelligence and Big Data, ICAIBD 2021, art. no.

9458970, pp. 143-148.

- 45) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113769524&doi=10.1109%2fICAIBD51990.2021.9458970&partnerID=40&md5=9458970>

DOI: 10.1109/ICAIBD51990.2021.9458970

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

46) Niroomand, S.

[Hybrid artificial electric field algorithm for assembly line balancing problem with equipment model selection possibility](#)

(2021) Knowledge-Based Systems, 219, art. no. 106905, .

46) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102088085&doi=10.1016%2fj.knosys.2021.106905&partnerID=40&md5=42069494044587>
DOI: 10.1016/j.knosys.2021.106905

Document Type: Article

Publication Stage: Final

Source: Scopus

47) Mohammed, F.D., Zakaria, M.Z., Ramli, M.F., Jusoh, M., Azizan, M., Fadzli, N.

[Metaheuristic optimization in solving assembly line balancing problems: A short review](#)

(2021) AIP Conference Proceedings, 2339, art. no. 020002, .

47) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105641361&doi=10.1063%2f5.0044587&partnerID=40&md5=42069494044587>
DOI: 10.1063/5.0044587

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

48) Eraña-Díaz, M.L., Cruz-Chávez, M.A., Juárez-Pérez, F., Enriquez-Urbano, J., Rivera-López, R., Acosta-Flores, M.

[Optimization method to address psychosocial risks through adaptation of the multidimensional knapsack problem](#)

(2021) Mathematics, 9 (10), art. no. 1126, .

48) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106933358&doi=10.3390%2fmath9101126&partnerID=40&md5=18241126>
DOI: 10.3390/math9101126

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

49) Lu, X., Chiumenti, M., Cervera, M., Tan, H., Lin, X., Wang, S.

[Warpage analysis and control of thin-walled structures manufactured by laser powder bed fusion](#)

(2021) Metals, 11 (5), art. no. 686, . Cited 1 time.

49) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104542386&doi=10.3390%2fmet11050686&partnerID=40&md5=d6f3b>

DOI: 10.3390/met11050686

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 50) Oyesola, M., Mpofu, K., Mathe, N., Fatoba, S., Hoosain, S., Daniyan, I.
[Optimization of selective laser melting process parameters for surface quality performance of the fabricated Ti6Al4V](#)

(2021) International Journal of Advanced Manufacturing Technology, 114 (5-6), pp. 1585-1599. Cited

1 time.

- 50) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103959081&doi=10.1007%2fs00170-021-06953-3&partnerID=40&md5=>
 DOI: 10.1007/s00170-021-06953-3

Document Type: Article

Publication Stage: Final

Source: Scopus

- 51) Diri Kenger, Z., Koç, Ç., Özceylan, E.
[Integrated disassembly line balancing and routing problem with mobile additive manufacturing](#)

(2021) International Journal of Production Economics, 235, art. no. 108088, .

- 51) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102309738&doi=10.1016%2fj.ijpe.2021.108088&partnerID=40&md5=>
 DOI: 10.1016/j.ijpe.2021.108088

Document Type: Article

Publication Stage: Final

Source: Scopus

- 52) Mokhtarzadeh, M., Rabbani, M., Manavizadeh, N.
[A novel two-stage framework for reducing ergonomic risks of a mixed-model parallel U-shaped assembly-line](#)

(2021) Applied Mathematical Modelling, 93, pp. 597-617. Cited 3 times.

- 52) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099210776&doi=10.1016%2fj.apm.2020.12.027&partnerID=40&md5=>
 DOI: 10.1016/j.apm.2020.12.027

Document Type: Article

Publication Stage: Final

Source: Scopus

- 53) Zikai, Z., Qiuhua, T., Zixiang, L., Dayong, H.

[An efficient migrating birds optimization algorithm with idle time reduction for Type-I multi-manned assembly line balancing problem](#)

(2021) Journal of Systems Engineering and Electronics, 32 (2), art. no. 9430106, pp. 286-296. Cited

1 time.

- 53) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105869827&doi=10.23919/JSEE.2021.000025&partnerID=40&md5=10.23919/JSEE.2021.000025>
DOI: 10.23919/JSEE.2021.000025

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 54) Zhu, Y., Yang, Y., Wang, Y., Peng, T., Zhang, L., Yang, H.

[Localized Property Design and Gradient Processing of a Hydraulic Valve Body Using Selective Laser Melting](#)

(2021) IEEE/ASME Transactions on Mechatronics, 26 (2), art. no. 9177311, pp. 1151-1160.

- 54) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104607564&doi=10.1109/TMECH.2020.3019303&partnerID=40&md5=10.1109/TMECH.2020.3019303>
DOI: 10.1109/TMECH.2020.3019303

Document Type: Article

Publication Stage: Final

Source: Scopus

- 55) McGregor, D.J., Rylowicz, S., Brenzel, A., Baker, D., Wood, C., Pick, D., Deutchman, H., Shao, C., Tawfick, S., King, W.P.

[Analyzing part accuracy and sources of variability for additively manufactured lattice parts made on multiple printers](#)

(2021) Additive Manufacturing, 40, art. no. 101924, .

- 55) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102042544&doi=10.1016/j.addma.2021.101924&partnerID=40&md5=10.1016/j.addma.2021.101924>
DOI: 10.1016/j.addma.2021.101924

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 56) Jonaet, A.M., Park, H.S., Myung, L.C.

[Prediction of residual stress and deformation based on the temperature distribution in 3D-printed parts](#)

(2021) International Journal of Advanced Manufacturing Technology, 113 (7-8), pp. 2227-2242.

56)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101232979&doi=10.1007%2fs00170-021-06711-5&partnerID=40&md5=10.1007/s00170-021-06711-5>

DOI: 10.1007/s00170-021-06711-5

Document Type: Article

Publication Stage: Final

Source: Scopus

- 57) Meng, K., Tang, Q., Zhang, Z., Yu, C.

[Solving multi-objective model of assembly line balancing considering preventive maintenance scenarios using heuristic and grey wolf optimizer algorithm](#)

(2021) Engineering Applications of Artificial Intelligence, 100, art. no. 104183, . Cited 3 times.

- 57) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100617262&doi=10.1016%2fj.engappai.2021.104183&partnerID=40&md5=10.1016/j.engappai.2021.104183>

DOI: 10.1016/j.engappai.2021.104183

Document Type: Article

Publication Stage: Final

Source: Scopus

- 58) Dareh Baghi, A., Nafisi, S., Hashemi, R., Ebendorff-Heidepriem, H., Ghomashchi, R.

[Experimental realisation of build orientation effects on the mechanical properties of truly as-built Ti-6Al-4V SLM parts](#)

(2021) Journal of Manufacturing Processes, 64, pp. 140-152. Cited 1 time.

- 58) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100045145&doi=10.1016%2fj.jmapro.2021.01.027&partnerID=40&md5=10.1016/j.jmapro.2021.01.027>

DOI: 10.1016/j.jmapro.2021.01.027

Document Type: Article

Publication Stage: Final

Source: Scopus

- 59) Aloui, A., Hadj-Hamou, K.

[A heuristic approach for a scheduling problem in additive manufacturing under technological constraints](#)

(2021) Computers and Industrial Engineering, 154, art. no. 107115, . Cited 2 times.

- 59) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099702106&doi=10.1016%2fj.cie.2021.107115&partnerID=40&md5=10.1016/j.cie.2021.107115>

DOI: 10.1016/j.cie.2021.107115

Document Type: Article

Publication Stage: Final

Source: Scopus

- 60) Zhao, J., Meng, L., Lan, X., Li, H., Gao, L., Wang, Z.

Design and experimental verification of self-supporting topologies for selective laser melting

(2021) Thin-Walled Structures, 161, art. no. 107419, . Cited 1 time.

- 60) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099281131&doi=10.1016%2fj.tws.2020.107419&partnerID=40&md5=4>
DOI: 10.1016/j.tws.2020.107419

Document Type: Article

Publication Stage: Final

Source: Scopus

- 61) Shang, L., T'Kindt, V., Della Croce, F.

Branch & Memorize exact algorithms for sequencing problems: Efficient embedding of memorization into search trees

(2021) Computers and Operations Research, 128, art. no. 105171, .

- 61) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098935898&doi=10.1016%2fj.cor.2020.105171&partnerID=40&md5=7>
DOI: 10.1016/j.cor.2020.105171

Document Type: Article

Publication Stage: Final

Source: Scopus

- 62) Wang, Y., Jia, Z.-H., Li, K.

A multi-objective co-evolutionary algorithm of scheduling on parallel non-identical batch machines

(2021) Expert Systems with Applications, 167, art. no. 114145, . Cited 2 times.

- 62) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094837454&doi=10.1016%2fj.eswa.2020.114145&partnerID=40&md5=7>
DOI: 10.1016/j.eswa.2020.114145

Document Type: Article

Publication Stage: Final

Source: Scopus

- 63) He, J., Liu, G., Mai, T.H.T., Li, T.T.

Research on the Allocation of 3D Printing Emergency Supplies in Public Health Emergencies

(2021) Frontiers in Public Health, 9, art. no. 657276, .

- 63) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103879405&doi=10.3389%2ffpubh.2021.657276&partnerID=40&md5=7>
DOI: 10.3389/fpubh.2021.657276

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 64) Liang, J., Guo, S., Zhang, Y., Liu, W., Zhou, S.

[Energy-efficient optimization of two-sided disassembly line balance considering parallel operation and uncertain using multiobjective flatworm algorithm](#)

(2021) Sustainability (Switzerland), 13 (6), art. no. 3358, .

- 64) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103501743&doi=10.3390%2fsu13063358&partnerID=40&md5=e70736>

DOI: 10.3390/su13063358

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 65) Pilati, F., Ferrari, E., Gamberi, M., Margelli, S.

[Multi-manned assembly line balancing: Workforce synchronization for big data sets through simulated annealing](#)

(2021) Applied Sciences (Switzerland), 11 (6), art. no. 2523, . Cited 2 times.

- 65) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102992924&doi=10.3390%2fapp11062523&partnerID=40&md5=dbee>

DOI: 10.3390/app11062523

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 66) Czerniachowska, K., Żywicki, K., Wichniarek, R.

[A method to improve planning of product placement on a printing sheet](#)

(2021) Management and Production Engineering Review, 12 (1), pp. 119-128.

- 66) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104508462&doi=10.24425%2fmper.2021.136877&partnerID=40&md5>

DOI: 10.24425/mper.2021.136877

Document Type: Article

Publication Stage: Final

Source: Scopus

- 67) Haemers, M., Ionescu, C.-M., Stockman, K., Derammelaere, S.

[Optimal hardware and control co-design applied to an active car suspension setup](#)

(2021) Machines, 9 (3), art. no. 55, pp. 1-26.

- 67) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102729933&doi=10.3390%2fmachines9030055&partnerID=40&md5=5>

DOI: 10.3390/machines9030055

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 68) Moiduddin, K., Mian, S.H., Ameen, W., Alkhalefah, H., Sayeed, A.

[Feasibility study of the cranial implant fabricated without supports in electron beam melting](#)

(2021) Metals, 11 (3), art. no. 496, pp. 1-21.

- 68) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102567998&doi=10.3390%2fmet11030496&partnerID=40&md5=a717b>

DOI: 10.3390/met11030496

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 69) Matczak, G., Mazurek, P.

[Comparative monte carlo analysis of background estimation algorithms for unmanned aerial vehicle detection](#)

(2021) Remote Sensing, 13 (5), art. no. 870, pp. 1-20.

- 69) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102113484&doi=10.3390%2frs13050870&partnerID=40&md5=f7272b>

DOI: 10.3390/rs13050870

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 70) Wang, Z.D., Sun, G.F., Chen, M.Z., Lu, Y., Zhang, S.B., Lan, H.F., Bi, K.D., Ni, Z.H.

[Investigation of the underwater laser directed energy deposition technique for the on-site repair of HSLA-100 steel with excellent performance](#)

(2021) Additive Manufacturing, 39, art. no. 101884, . Cited 3 times.

- 70) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101146774&doi=10.1016%2fj.addma.2021.101884&partnerID=40&md5>

DOI: 10.1016/j.addma.2021.101884

Document Type: Article

Publication Stage: Final

Source: Scopus

- 71) Li, Z., Janardhanan, M.N., Tang, Q., Nielsen, P.

[Local search methods for type I mixed-model two-sided assembly line balancing problems](#)

(2021) Memetic Computing, 13 (1), pp. 111-130. Cited 2 times.

- 71)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098741056&doi=10.1007%2fs12293-020-00319-0&partnerID=40&md5=10.1007/s12293-020-00319-0>
DOI: 10.1007/s12293-020-00319-0

Document Type: Article
Publication Stage: Final
Source: Scopus

- 72) Li, Y., Dong, S., Liu, X., He, P., Ren, X., Yan, S., Xu, B.
[Interface phase evolution during laser cladding of Ni-Cu alloy on nodular cast iron by powder pre-placed method](#)
(2021) Optics and Laser Technology, 135, art. no. 106684, . Cited 2 times.

- 72) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094847173&doi=10.1016%2fj.optlastec.2020.106684&partnerID=40&md5=10.1016/j.optlastec.2020.106684>
DOI: 10.1016/j.optlastec.2020.106684

Document Type: Article
Publication Stage: Final
Source: Scopus

- 73) Cahyo, W.N.
[Finding Novelty of Research with Systematic Literature Mapping \(SLM\)](#)
(2021) Journal of Physics: Conference Series, 1764 (1), art. no. 012186, .

- 73) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102367728&doi=10.1088%2f1742-6596%2f1764%2f1%2f012186&partnerID=40&md5=10.1088/1742-6596/1764/1/012186>
DOI: 10.1088/1742-6596/1764/1/012186

Document Type: Conference Paper
Publication Stage: Final
Access Type: Open Access
Source: Scopus

- 74) Liang, J., Guo, S., Du, B., Li, Y., Guo, J., Yang, Z., Pang, S.
[Minimizing energy consumption in multi-objective two-sided disassembly line balancing problem with complex execution constraints using dual-individual simulated annealing algorithm](#)
(2021) Journal of Cleaner Production, 284, art. no. 125418, . Cited 2 times.

- 74) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097711628&doi=10.1016%2fj.jclepro.2020.125418&partnerID=40&md5=10.1016/j.jclepro.2020.125418>
DOI: 10.1016/j.jclepro.2020.125418

Document Type: Article
Publication Stage: Final
Source: Scopus

- 75) Lv, F., Liang, H., Xie, D., Mao, Y., Wang, C., Shen, L., Tian, Z.

On the role of laser in situ re-melting into pore elimination of Ti–6Al–4V components fabricated by selective laser melting

(2021) Journal of Alloys and Compounds, 854, art. no. 156866, . Cited 6 times.

- 75) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091660240&doi=10.1016%2fj.jallcom.2020.156866&partnerID=40&md5=9>
DOI: 10.1016/j.jallcom.2020.156866

Document Type: Article

Publication Stage: Final

Source: Scopus

- 76) Stittgen, T., Schleifenbaum, J.H.
[Simulation of utilization for LPBF manufacturing systems](#)
(2021) Production Engineering, 15 (1), pp. 45-56.

- 76) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099499744&doi=10.1007%2fs11740-020-00998-1&partnerID=40&md5=9>
DOI: 10.1007/s11740-020-00998-1

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 77) Du, J., Zhou, J., Li, X., Li, L., Guo, A.
[Integrated self-driving travel scheme planning](#)
(2021) International Journal of Production Economics, 232, art. no. 107963, . Cited 3 times.

- 77) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094882000&doi=10.1016%2fj.ijpe.2020.107963&partnerID=40&md5=9>
DOI: 10.1016/j.ijpe.2020.107963

Document Type: Article

Publication Stage: Final

Source: Scopus

- 78) Kim, H.-J., Lee, J.-H.
[Scheduling uniform parallel dedicated machines with job splitting, sequence-dependent setup times, and multiple servers](#)
(2021) Computers and Operations Research, 126, art. no. 105115, . Cited 1 time.

- 78) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094158191&doi=10.1016%2fj.cor.2020.105115&partnerID=40&md5=3>
DOI: 10.1016/j.cor.2020.105115

Document Type: Article

Publication Stage: Final

Source: Scopus

79) Edis, E.B.

[Constraint programming approaches to disassembly line balancing problem with sequencing decisions](#)

(2021) Computers and Operations Research, 126, art. no. 105111, . Cited 1 time.

79) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094132347&doi=10.1016%2fj.cor.2020.105111&partnerID=40&md5=e>

DOI: 10.1016/j.cor.2020.105111

Document Type: Article

Publication Stage: Final

Source: Scopus

80) Carabin, G., Scalera, L., Wongrataphisan, T., Vidoni, R.

[An energy-efficient approach for 3D printing with a Linear Delta Robot equipped with optimal springs](#)

(2021) Robotics and Computer-Integrated Manufacturing, 67, art. no. 102045, . Cited 6 times.

80) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088831069&doi=10.1016%2fj.rcim.2020.102045&partnerID=40&md5=e>

DOI: 10.1016/j.rcim.2020.102045

Document Type: Article

Publication Stage: Final

Source: Scopus

81) Valvassore, M.S., de Freitas, H.F.S., Andrade, C.M.G., Costa, C.B.B.

[Improving feeding profile strategy for hydrogen production by Cyanothecce sp. ATCC 51142 using meta-heuristic methods](#)

(2021) Chemical Engineering Communications, .

81) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116821834&doi=10.1080%2f00986445.2021.1986701&partnerID=40&md5=e>

DOI: 10.1080/00986445.2021.1986701

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

82) Yang, H., Lee, J.-H., Kim, H.-J.

[Assembly Line Worker Assignment and Balancing Problem with Positional Constraints](#)

(2021) IFIP Advances in Information and Communication Technology, 634 IFIP, pp. 3-11.

82) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115320644&doi=10.1007%2f978-3-030-85914-5_1&partnerID=40&md5=e

DOI: 10.1007/978-3-030-85914-5_1

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 83) Rohaninejad, M., Hanzálek, Z., Tavakkoli-Moghaddam, R.
[Scheduling of Parallel 3D-Printing Machines with Incompatible Job Families: A Matheuristic Algorithm](#)
(2021) IFIP Advances in Information and Communication Technology, 630 IFIP, pp. 51-61.

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115253341&doi=10.1007%2f978-3-030-85874-2_6&partnerID=40&md5=10.1007/978-3-030-85874-2_6
DOI: 10.1007/978-3-030-85874-2_6

Document Type: Conference Paper
Publication Stage: Final
Source: Scopus
- 84) Abdeljaouad, M.A., Klement, N.
[Tabu Search Algorithm for Single and Multi-model Line Balancing Problems](#)
(2021) IFIP Advances in Information and Communication Technology, 630 IFIP, pp. 409-415.

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115251583&doi=10.1007%2f978-3-030-85874-2_43&partnerID=40&md5=10.1007/978-3-030-85874-2_43
DOI: 10.1007/978-3-030-85874-2_43

Document Type: Conference Paper
Publication Stage: Final
Source: Scopus
- 85) Zipfel, B., Neufeld, J.S., Buscher, U.
[Customer Order Scheduling in an Additive Manufacturing Environment](#)
(2021) IFIP Advances in Information and Communication Technology, 633 IFIP, pp. 101-109.

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115215429&doi=10.1007%2f978-3-030-85910-7_11&partnerID=40&md5=10.1007/978-3-030-85910-7_11
DOI: 10.1007/978-3-030-85910-7_11

Document Type: Conference Paper
Publication Stage: Final
Source: Scopus
- 86) Xiaohui, J., Chunbo, Y., Honglan, G., Shan, G., Yong, Z.
[Effect of supporting structure design on residual stresses in selective laser melting of AlSi10Mg](#)
(2021) International Journal of Advanced Manufacturing Technology, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115161502&doi=10.1007%2fs00170-021-08010-5&partnerID=40&md5=10.1007/s00170-021-08010-5>
DOI: 10.1007/s00170-021-08010-5

Document Type: Article
Publication Stage: Article in Press
Source: Scopus

- 87) Zheng, X., Ning, S., Sun, H., Zhong, J., Tong, X.

[Solving Multi-Objective Two-Sided Assembly Line Balancing Problems by Harmony Search Algorithm Based on Pareto Entropy](#)

(2021) IEEE Access, 9, art. no. 9524913, pp. 121728-121742.

- 87) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114836156&doi=10.1109%2fACCESS.2021.3108818&partnerID=40&md5=>

DOI: 10.1109/ACCESS.2021.3108818

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 88) Zea Pérez, J.M., Corona-Castuera, J., Poblano-Salas, C., Henao, J., Hernández Hernández, A.

[On the manufacturability of Inconel 718 thin-walled honeycomb structures by laser powder bed fusion](#)

(2021) Rapid Prototyping Journal, .

- 88) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114684994&doi=10.1108%2fRPJ-04-2021-0098&partnerID=40&md5=>

DOI: 10.1108/RPJ-04-2021-0098

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

- 89) Fé-Perdomo, I.L., Ramos-Grez, J.A., Beruvides, G., Mujica, R.A.

[Selective laser melting: lessons from medical devices industry and other applications](#)

(2021) Rapid Prototyping Journal, .

- 89) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113746960&doi=10.1108%2fRPJ-07-2020-0151&partnerID=40&md5=>

DOI: 10.1108/RPJ-07-2020-0151

Document Type: Review

Publication Stage: Article in Press

Source: Scopus

- 90) Yadav, A., Agrawal, S.

[Mathematical model for robotic two-sided assembly line balancing problem with zoning constraints](#)

(2021) International Journal of Systems Assurance Engineering and Management, .

- 90) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113620254&doi=10.1007%2fs13198-021-01284-8&partnerID=40&md5=>

DOI: 10.1007/s13198-021-01284-8

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

- 91) Sordan, J.E., Oprime, P.C., Pimenta, M.L., Lombardi, F., Chiabert, P.
[Symbiotic relationship between robotics and Lean Manufacturing: a case study involving line balancing](#)
 (2021) TQM Journal, .

91) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112219467&doi=10.1108%2fTQM-03-2021-0073&partnerID=40&md5=>
 DOI: 10.1108/TQM-03-2021-0073

Document Type: Article
 Publication Stage: Article in Press
 Source: Scopus

- 92) Kökhan, S., Baykoç, Ö.F.
[Parallel Assembly Lines with Heterogeneous Workforce: A Cost-Driven Mathematical Model and Simulated Annealing Approach](#)
 (2021) Lecture Notes on Data Engineering and Communications Technologies, 78, pp. 99-112.

92) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111918436&doi=10.1007%2f978-3-030-79203-9_9&partnerID=40&md5=
 DOI: 10.1007/978-3-030-79203-9_9

Document Type: Book Chapter
 Publication Stage: Final
 Source: Scopus

- 93) Bakar, N.A., Zakaria, M.Z., Ramli, M.F., Nasir, N.F.M., Azizan, M.M., Jusoh, M.
[Research Objective in Assembly Line Balancing Problem: A Short Review](#)
 (2021) Lecture Notes in Mechanical Engineering, pp. 249-258.

93) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111804425&doi=10.1007%2f978-981-16-0866-7_20&partnerID=40&md5=
 DOI: 10.1007/978-981-16-0866-7_20

Document Type: Conference Paper
 Publication Stage: Final
 Source: Scopus

- 94) Huang, R.-H., Chang, S.-J., Yu, S.-C.
[A Study of Flexible Flow Shop Scheduling Problem with Various Heterogeneous Labors](#)
 (2021) Mathematical Problems in Engineering, 2021, art. no. 5529612, .

94) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111568510&doi=10.1155%2f2021%2f5529612&partnerID=40&md5=>
 DOI: 10.1155/2021/5529612

Document Type: Article
 Publication Stage: Final
 Access Type: Open Access

Source: Scopus

95) Ravelo, S.V.

[Approximation algorithms for simple assembly line balancing problems](#)

(2021) Journal of Combinatorial Optimization, .

95) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111395849&doi=10.1007%2fs10878-021-00778-2&partnerID=40&md5=>

DOI: 10.1007/s10878-021-00778-2

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

96) Gao, Y., Lou, S., Zheng, H., Tan, J.

[A data-driven method of selective disassembly planning at end-of-life under uncertainty](#)

(2021) Journal of Intelligent Manufacturing, .

96) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111355889&doi=10.1007%2fs10845-021-01812-0&partnerID=40&md5=>

DOI: 10.1007/s10845-021-01812-0

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

97) Yamashiro, H., Nonaka, H.

[Estimation of processing time using machine learning and real factory data for optimization of parallel machine scheduling problem](#)

(2021) Operations Research Perspectives, 8, art. no. 100196, .

97) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111221796&doi=10.1016%2fj.orp.2021.100196&partnerID=40&md5=a](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111221796&doi=10.1016%2fj.orp.2021.100196&partnerID=40&md5=)

DOI: 10.1016/j.orp.2021.100196

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

98) Kucukkoc, I., Li, Z., Li, Q.

[2D Nesting and Scheduling in Metal Additive Manufacturing](#)

(2021) Communications in Computer and Information Science, 1407 CCIS, pp. 97-112.

98) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111080380&doi=10.1007%2f978-3-030-76307-7_8&partnerID=40&md5=

DOI: 10.1007/978-3-030-76307-7_8

Document Type: Conference Paper
 Publication Stage: Final
 Source: Scopus

- 99) Mönch, T., Huchzermeier, A., Bebersdorf, P.

[Variable takt times in mixed-model assembly line balancing with random customisation](#)

(2021) International Journal of Production Research, 59 (15), pp. 4670-4689. Cited 1 time.

- 99) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110796739&doi=10.1080%2f00207543.2020.1769874&partnerID=40&DOI=10.1080/00207543.2020.1769874>

Document Type: Article
 Publication Stage: Final
 Source: Scopus

- 100) Deng, B., Lai, S.H., Jiang, C., Kumar, P., El-Shafie, A., Chin, R.J.

[Advanced water level prediction for a large-scale river-lake system using hybrid soft computing approach: a case study in Dongting Lake, China](#)

(2021) Earth Science Informatics, .

- 100) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110280223&doi=10.1007%2fs12145-021-00665-8&partnerID=40&DOI=10.1007/s12145-021-00665-8>

Document Type: Article
 Publication Stage: Article in Press
 Source: Scopus

- 101) El Yafrani, M., Sung, I., Krach, B., Katsilieris, F., Nielsen, P.

[Analysis of a local search heuristic for the generalized assignment problem with resource-independent task profits and identical resource capacity](#)

(2021) Engineering Optimization, .

- 101) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110086465&doi=10.1080%2f0305215X.2021.1940991&partnerID=40&DOI=10.1080/0305215X.2021.1940991>

Document Type: Article
 Publication Stage: Article in Press
 Source: Scopus

- 102) Sadeghi, P., Rebelo, R.D., Ferreira, J.S.

[Using variable neighbourhood descent and genetic algorithms for sequencing mixed-model assembly systems in the footwear industry](#)

(2021) Operations Research Perspectives, 8, art. no. 100193, .

- 102)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109076719&doi=10.1016%2fj.orp.2021.100193&partnerID=40&md5=6>
DOI: 10.1016/j.orp.2021.100193

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus

103) Walter, R., Schulze, P.

[On the performance of task-oriented branch-and-bound algorithms for workload smoothing in simple assembly line balancing](#)

(2021) International Journal of Production Research, .

103) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108645022&doi=10.1080%2f00207543.2021.1934589&partnerID=40&md5=f>
DOI: 10.1080/00207543.2021.1934589

Document Type: Article
Publication Stage: Article in Press
Source: Scopus

104) Chutima, P., Chimrakhang, J.

[Multi-objective worker allocation optimisation in a multiple U-line system](#)

(2021) Assembly Automation, 41 (4), pp. 466-476.

104) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107887813&doi=10.1108%2fAA-12-2020-0198&partnerID=40&md5=f>
DOI: 10.1108/AA-12-2020-0198

Document Type: Article
Publication Stage: Final
Source: Scopus

105) Nwadigo, O.B.-K., Naismith, N., GhaffarianHoseini, A., GhaffarianHoseini, A., Tookey, J.

[Construction project planning and scheduling as a dynamic system: a content analysis of the current status, technologies and forward action](#)

(2021) Smart and Sustainable Built Environment, .

105) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106733305&doi=10.1108%2fSASBE-02-2021-0022&partnerID=40&md5=m>
DOI: 10.1108/SASBE-02-2021-0022

Document Type: Article
Publication Stage: Article in Press
Source: Scopus

106) Arik, O.A.

Additive manufacturing scheduling problem considering assembly operations of parts

(2021) Operational Research, .

106) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106723378&doi=10.1007%2fs12351-021-00649-y&partnerID=40&md5>

DOI: 10.1007/s12351-021-00649-y

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

107) Goldberg, D.M., Deane, J.K., Rakes, T.R., Rees, L.P.

3D Printing Technology and the Market Value of the Firm

(2021) Information Systems Frontiers, .

107) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106264918&doi=10.1007%2fs10796-021-10143-7&partnerID=40&md5>

DOI: 10.1007/s10796-021-10143-7

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

108) Goksoy Kalaycilar, E., Batun, S., Azizoğlu, M.

A stochastic programming approach for the disassembly line balancing with hazardous task failures

(2021) International Journal of Production Research, .

108) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105416613&doi=10.1080%2f00207543.2021.1916119&partnerID=40&md5>

DOI: 10.1080/00207543.2021.1916119

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

109) Guo, J., Pu, Z., Du, B., Li, Y.

Multi-objective optimisation of stochastic hybrid production line balancing including assembly and disassembly tasks

(2021) International Journal of Production Research, .

109) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103636448&doi=10.1080%2f00207543.2021.1905902&partnerID=40&md5>

DOI: 10.1080/00207543.2021.1905902

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

110) La Fé-Perdomo, I., Ramos-Grez, J., Mujica, R., Rivas, M.

[Surface roughness Ra prediction in Selective Laser Melting of 316L stainless steel by means of artificial intelligence inference](#)

(2021) Journal of King Saud University - Engineering Sciences, . Cited 3 times.

110) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103291297&doi=10.1016%2fj.jksues.2021.03.002&partnerID=40&md5=>

DOI: 10.1016/j.jksues.2021.03.002

Document Type: Article

Publication Stage: Article in Press

Access Type: Open Access

Source: Scopus

111) Mirzaei, N., Nejad, M.G., Fernandes, N.O.

[Combining Line Balancing Methods and Discrete Event Simulation: A Case Study from a Metalworking Company](#)

(2021) International Journal of Industrial Engineering and Management, 12 (1), pp. 14-24.

111) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103105537&doi=10.24867%2fIJIEM-2020-1-273&partnerID=40&md5=>

DOI: 10.24867/IJIEM-2020-1-273

Document Type: Article

Publication Stage: Final

Source: Scopus

112) Li, Y., Kucukkoc, I., Tang, X.

[Two-sided assembly line balancing that considers uncertain task time attributes and incompatible task sets](#)

(2021) International Journal of Production Research, 59 (6), pp. 1736-1756. Cited 1 time.

112) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102952411&doi=10.1080%2f00207543.2020.1724344&partnerID=40&md5=>

DOI: 10.1080/00207543.2020.1724344

Document Type: Article

Publication Stage: Final

Source: Scopus

113) Huang, D., Mao, Z., Fang, K., Yuan, B.

[Combinatorial Benders decomposition for mixed-model two-sided assembly line balancing problem](#)

(2021) International Journal of Production Research, . Cited 1 time.

113) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102931197&doi=10.1080%2f00207543.2021.1901152&partnerID=40&md5=>

DOI: 10.1080/00207543.2021.1901152

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

114) Campana, N.P., Iori, M., Moreira, M.C.O.

[Mathematical models and heuristic methods for the assembly line balancing problem with hierarchical worker assignment](#)

(2021) International Journal of Production Research, . Cited 1 time.

114) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102843170&doi=10.1080%2f00207543.2021.1884767&partnerID=40&md5=10.1080/00207543.2021.1884767>

DOI: 10.1080/00207543.2021.1884767

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

115) Yazdi, A.K., Hanne, T., Osorio Gómez, J.C.

[A hybrid model for ranking critical successful factors of Lean Six Sigma in the oil and gas industry](#)

(2021) TQM Journal, .

115) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102739487&doi=10.1108%2fTQM-02-2020-0030&partnerID=40&md5=10.1108/TQM-02-2020-0030>

DOI: 10.1108/TQM-02-2020-0030

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

116) Zhang, Y., Zhang, Z., Guan, C., Xu, P.

[Improved whale optimisation algorithm for two-sided disassembly line balancing problems considering part characteristic indexes](#)

(2021) International Journal of Production Research, . Cited 1 time.

116) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102713016&doi=10.1080%2f00207543.2021.1897178&partnerID=40&md5=10.1080/00207543.2021.1897178>

DOI: 10.1080/00207543.2021.1897178

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

117) Mutlu, S., Güner, B.

[A memetic algorithm for mixed-model two-sided disassembly line balancing problem](#)

(2021) Procedia CIRP, 98, pp. 67-72.

117) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102653839&doi=10.1016%2fj.procir.2021.01.007&partnerID=40&md5=10.1016/j.procir.2021.01.007>

DOI: 10.1016/j.procir.2021.01.007

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 118) Pitakaso, R., Sethanan, K., Jirasirilerd, G., Golinska-Dawson, P.

[A novel variable neighborhood strategy adaptive search for SALBP-2 problem with a limit on the number of machine's types](#)

(2021) Annals of Operations Research, . Cited 1 time.

- 118) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102306259&doi=10.1007%2fs10479-021-04015-1&partnerID=40&md5=>

DOI: 10.1007/s10479-021-04015-1

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

- 119) Lee, A.H.I., Kang, H.-Y., Chen, C.-L.

[Multi-objective assembly line balancing problem with setup times using fuzzy goal programming and genetic algorithm](#)

(2021) Symmetry, 13 (2), art. no. 333, pp. 1-28.

- 119) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101865739&doi=10.3390%2fsym13020333&partnerID=40&md5=d70e>

DOI: 10.3390/sym13020333

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 120) Huka, M.A., Grenzfurtnner, W., Zauner, B., Gronalt, M.

[Capacity planning of a mixed-model assembly line for prefabricated housebuilding elements](#)

(2021) Procedia Computer Science, 180, pp. 706-713.

- 120) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101779515&doi=10.1016%2fj.procs.2021.01.293&partnerID=40&md5=>

DOI: 10.1016/j.procs.2021.01.293

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 121) Li, J., Gajpal, Y., Bhardwaj, A.K., Chen, H., Liu, Y.

[Two-Agent Single Machine Order Acceptance Scheduling Problem to Maximize Net Revenue](#)

(2021) Complexity, 2021, art. no. 6627081, . Cited 1 time.

- 121) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101542427&doi=10.1155%2f2021%2f6627081&partnerID=40&md5=5>
DOI: 10.1155/2021/6627081

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 122) Wang, Y., Skeete, J.-P., Owusu, G.

[Understanding the implications of artificial intelligence on field service operations: a case study of BT](#)

(2021) Production Planning and Control, . Cited 2 times.

- 122) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100788276&doi=10.1080%2f09537287.2021.1882694&partnerID=40&md5=5>
DOI: 10.1080/09537287.2021.1882694

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

- 123) Xu, C., Xiong, X., Du, Q., Liu, S., Li, Y., Zhong, D., Yaqi, L.

[Dynamic scheduling model of Rail-Guided Vehicle \(RGV\) based on genetic algorithms in the context of mobile computing](#)

(2021) International Journal of Mobile Computing and Multimedia Communications, 12 (1), pp. 43-62.

Cited 1 time.

- 123) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100373276&doi=10.4018%2fIJMCMC.2021010103&partnerID=40&md5=5>
DOI: 10.4018/IJMCMC.2021010103

Document Type: Article

Publication Stage: Final

Source: Scopus

- 124) Lopes, T.C., Brauner, N., Magatão, L.

[Assembly line balancing with fractional task allocations](#)

(2021) International Journal of Production Research, . Cited 1 time.

- 124) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099373169&doi=10.1080%2f00207543.2020.1866224&partnerID=40&md5=5>
DOI: 10.1080/00207543.2020.1866224

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

125) Hu, P., Chu, F., Fang, Y., Wu, P.

[Novel distribution-free model and method for stochastic disassembly line balancing with limited distributional information](#)

(2021) Journal of Combinatorial Optimization, .

125) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098782433&doi=10.1007%2fs10878-020-00678-x&partnerID=40&md5>

DOI: 10.1007/s10878-020-00678-x

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

126) Li, Z., Janardhanan, M.N., Tang, Q.

[Multi-objective migrating bird optimization algorithm for cost-oriented assembly line balancing problem with collaborative robots](#)

(2021) Neural Computing and Applications, . Cited 2 times.

126) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098717855&doi=10.1007%2fs00521-020-05610-2&partnerID=40&md5>

DOI: 10.1007/s00521-020-05610-2

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

127) Waqar, S., Sun, Q., Liu, J., Guo, K., Sun, J.

[Numerical investigation of thermal behavior and melt pool morphology in multi-track multi-layer selective laser melting of the 316L steel](#)

(2021) International Journal of Advanced Manufacturing Technology, 112 (3-4), pp. 879-895. Cited 3 times.

127) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096601810&doi=10.1007%2fs00170-020-06360-0&partnerID=40&md5>

DOI: 10.1007/s00170-020-06360-0

Document Type: Article

Publication Stage: Final

Source: Scopus

128) Chen, T.-L., Chen, J.C., Huang, C.-F., Chang, P.-C.

[Solving the layout design problem by simulation-optimization approach—A case study on a sortation conveyor system](#)

(2021) Simulation Modelling Practice and Theory, 106, art. no. 102192, .

128) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091753506&doi=10.1016%2fj.simpat.2020.102192&partnerID=40&md5>

DOI: 10.1016/j.simpat.2020.102192

Document Type: Article
 Publication Stage: Final
 Source: Scopus

- 129) Toorajipour, R., Sohrabpour, V., Nazarpour, A., Oghazi, P., Fischl, M.
[Artificial intelligence in supply chain management: A systematic literature review](#)
 (2021) Journal of Business Research, 122, pp. 502-517. Cited 32 times.

129) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091631950&doi=10.1016%2fj.jbusres.2020.09.009&partnerID=40&md5=](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091631950&doi=10.1016%2fj.jbusres.2020.09.009&partnerID=40&md5=10.1016/j.jbusres.2020.09.009)
 DOI: 10.1016/j.jbusres.2020.09.009

Document Type: Article
 Publication Stage: Final
 Access Type: Open Access
 Source: Scopus

- 130) Zhang, B., Xu, L., Zhang, J.
[Balancing and sequencing problem of mixed-model U-shaped robotic assembly line: Mathematical model and dragonfly algorithm based approach](#)
 (2021) Applied Soft Computing, 98, art. no. 106739, . Cited 2 times.

130) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091610118&doi=10.1016%2fj.asoc.2020.106739&partnerID=40&md5=](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091610118&doi=10.1016%2fj.asoc.2020.106739&partnerID=40&md5=10.1016/j.asoc.2020.106739)
 DOI: 10.1016/j.asoc.2020.106739

Document Type: Article
 Publication Stage: Final
 Source: Scopus

- 131) Zhang, Z., Tang, Q., Han, D., Qian, X.
[An enhanced multi-objective JAYA algorithm for U-shaped assembly line balancing considering preventive maintenance scenarios](#)
 (2021) International Journal of Production Research, 59 (20), pp. 6146-6165.

131) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090304005&doi=10.1080%2f00207543.2020.1804639&partnerID=40&md5=](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090304005&doi=10.1080%2f00207543.2020.1804639&partnerID=40&md5=10.1080/00207543.2020.1804639)
 DOI: 10.1080/00207543.2020.1804639

Document Type: Article
 Publication Stage: Final
 Source: Scopus

- 132) Zainab, F., Mohamed, A., Smail, Z.
[Optimization of the slm process by printing a test tray in als7mg06](#)
 (2021) Lecture Notes in Networks and Systems, 144, pp. 126-134.

132)

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089536940&doi=10.1007%2f978-3-030-53970-2_12&partnerID=40&DOI: 10.1007/978-3-030-53970-2_12

Document Type: Book Chapter
Publication Stage: Final
Source: Scopus

133) Lei, D., Yuan, Y., Cai, J.

[An improved artificial bee colony for multi-objective distributed unrelated parallel machine scheduling](#)

(2021) International Journal of Production Research, 59 (17), pp. 5259-5271. Cited 2 times.

133) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087011972&doi=10.1080%2f00207543.2020.1775911&partnerID=40&DOI: 10.1080/00207543.2020.1775911>

Document Type: Article
Publication Stage: Final
Source: Scopus

134) Thürer, M., Huang, Y., Stevenson, M.

[Workload control in additive manufacturing shops where post-processing is a constraint: an assessment by simulation](#)

(2021) International Journal of Production Research, 59 (14), pp. 4268-4286. Cited 1 time.

134) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084819205&doi=10.1080%2f00207543.2020.1761038&partnerID=40&DOI: 10.1080/00207543.2020.1761038>

Document Type: Article
Publication Stage: Final
Source: Scopus

135) Li, Z., Janardhanan, M.N., Rahman, H.F.

[Enhanced beam search heuristic for U-shaped assembly line balancing problems](#)

(2021) Engineering Optimization, 53 (4), pp. 594-608. Cited 4 times.

135) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082519911&doi=10.1080%2f0305215X.2020.1741569&partnerID=40&DOI: 10.1080/0305215X.2020.1741569>

Document Type: Article
Publication Stage: Final
Source: Scopus

136) Liu, M., Liu, X., Chu, F., Zheng, F., Chu, C.

[An exact method for disassembly line balancing problem with limited distributional information](#)

(2021) International Journal of Production Research, 59 (3), pp. 665-682. Cited 4 times.

136)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078626821&doi=10.1080%2f00207543.2019.1704092&partnerID=40&>

DOI: 10.1080/00207543.2019.1704092

Document Type: Article

Publication Stage: Final

Source: Scopus

- 137) Doung, P., Sirovetnukul, R., Ren, J.

[Simulation-based assembly line balancing in u-shaped, parallel u-shaped, and parallel adjacent u-shaped layouts](#)

(2020) IEEE International Conference on Industrial Engineering and Engineering Management, 2020-December, art. no. 9309947, pp. 751-755.

- 137) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099765975&doi=10.1109%2fIEEM45057.2020.9309947&partnerID=40&>

DOI: 10.1109/IEEM45057.2020.9309947

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 138) Majidian-Eidgahi, M., Baboli, A., Tavakkoli-Moghaddam, R.

[Multi-objective optimization for mixed-model assembly line sequencing and balancing in the context of industry 4.0](#)

(2020) IEEE International Conference on Industrial Engineering and Engineering Management, 2020-December, art. no. 9309774, pp. 1172-1178.

- 138) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099755650&doi=10.1109%2fIEEM45057.2020.9309774&partnerID=40&>

DOI: 10.1109/IEEM45057.2020.9309774

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 139) Zhang, B., Xu, L.

[An improved flower pollination algorithm for solving a Type-II U-shaped assembly line balancing problem with energy consideration](#)

(2020) Assembly Automation, 40 (6), pp. 847-856. Cited 3 times.

- 139) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090970752&doi=10.1108%2fAA-07-2019-0144&partnerID=40&md5=6>

DOI: 10.1108/AA-07-2019-0144

Document Type: Article

Publication Stage: Final

Source: Scopus

140) Yadav, A., Kulhary, R., Nishad, R., Agrawal, S.

[Parallel two-sided assembly line balancing with tools and tasks sharing](#)

(2020) Assembly Automation, 40 (6), pp. 833-846. Cited 1 time.

140) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076888927&doi=10.1108%2fAA-02-2018-025&partnerID=40&md5=b>

DOI: 10.1108/AA-02-2018-025

Document Type: Article

Publication Stage: Final

Source: Scopus

141) Zhang, Z., Tang, Q., Chica, M.

[Multi-manned assembly line balancing with time and space constraints: A MILP model and memetic ant colony system](#)

(2020) Computers and Industrial Engineering, 150, art. no. 106862, . Cited 4 times.

141) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092442140&doi=10.1016%2fj.cie.2020.106862&partnerID=40&md5=f>

DOI: 10.1016/j.cie.2020.106862

Document Type: Article

Publication Stage: Final

Source: Scopus

142) Eryilmaz, S., Özkurt, F.Y., Erkan, T.E.

[The number of failed components in series-parallel system and its application to optimal design](#)

(2020) Computers and Industrial Engineering, 150, art. no. 106879, . Cited 2 times.

142) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091912352&doi=10.1016%2fj.cie.2020.106879&partnerID=40&md5=4>

DOI: 10.1016/j.cie.2020.106879

Document Type: Article

Publication Stage: Final

Source: Scopus

143) Liu, C., Yan, D., Tan, J., Mai, Z., Cai, Z., Dai, Y., Jiang, M., Wang, P., Liu, Z., Li, C.-C., Lao, C., Chen, Z.

[Development and experimental validation of a hybrid selective laser melting and CNC milling system](#)

(2020) Additive Manufacturing, 36, art. no. 101550, . Cited 4 times.

143) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091091264&doi=10.1016%2fj.addma.2020.101550&partnerID=40&md>

DOI: 10.1016/j.addma.2020.101550

Document Type: Article

Publication Stage: Final

Source: Scopus

144) Oh, Y., Witherell, P., Lu, Y., Sprock, T.

[Nesting and scheduling problems for additive manufacturing: A taxonomy and review](#)

(2020) Additive Manufacturing, 36, art. no. 101492, . Cited 6 times.

144) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090294841&doi=10.1016%2fj.addma.2020.101492&partnerID=40&md5=101016j.addma.2020.101492>

DOI: 10.1016/j.addma.2020.101492

Document Type: Review

Publication Stage: Final

Source: Scopus

145) Kucukkoc, I.

[Balancing of two-sided disassembly lines: Problem definition, MILP model and genetic algorithm approach](#)

(2020) Computers and Operations Research, 124, art. no. 105064, . Cited 7 times.

145) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089410079&doi=10.1016%2fj.cor.2020.105064&partnerID=40&md5=101016j.cor.2020.105064>

DOI: 10.1016/j.cor.2020.105064

Document Type: Article

Publication Stage: Final

Source: Scopus

146) Aguilar, H., García-Villoria, A., Pastor, R.

[A survey of the parallel assembly lines balancing problem](#)

(2020) Computers and Operations Research, 124, art. no. 105061, . Cited 1 time.

146) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089226298&doi=10.1016%2fj.cor.2020.105061&partnerID=40&md5=101016j.cor.2020.105061>

DOI: 10.1016/j.cor.2020.105061

Document Type: Review

Publication Stage: Final

Source: Scopus

147) Mardani-Fard, H.A., Hadi-Vencheh, A., Mahmoodirad, A., Niroomand, S.

[An effective hybrid goal programming approach for multi-objective straight assembly line balancing problem with stochastic parameters](#)

(2020) Operational Research, 20 (4), pp. 1939-1976. Cited 3 times.

147) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053807095&doi=10.1007%2fs12351-018-0428-8&partnerID=40&md5=101007s12351-018-0428-8>

DOI: 10.1007/s12351-018-0428-8

Document Type: Article

Publication Stage: Final

Source: Scopus

148) Zhang, W., Wang, S., Gan, Y., Hou, L., Xu, C.

[Flexible Customization Oriented Leader-follower Joint Optimization of Production Planning for Parallel and Non-equivalence Bus Mixed-model Assembly Lines](#)

[Article@面向柔性定制的并行不等效客车混装线生产计划主从联合优化]

(2020) Jixie Gongcheng Xuebao/Journal of Mechanical Engineering, 56 (22), pp. 24-37.

148) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099416886&doi=10.3901/JME.2020.22.024&partnerID=40&md5=e>
DOI: 10.3901/JME.2020.22.024

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

149) Livintsova, M., Ponyaeva, I., Chatinian, H.

[Additive technologies as a promising component of the innovative production process](#)

(2020) ACM International Conference Proceeding Series, .

149) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106901360&doi=10.1145/2f3446434.3446447&partnerID=40&md5=7>
DOI: 10.1145/3446434.3446447

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

150) Araújo, L.J.P., Panesar, A., Özcan, E., Atkin, J., Baumers, M., Ashcroft, I.

[An experimental analysis of deepest bottom-left-fill packing methods for additive manufacturing](#)

(2020) International Journal of Production Research, 58 (22), pp. 6917-6933. Cited 4 times.

150) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074999644&doi=10.1080/2f00207543.2019.1686187&partnerID=40&md5=7>
DOI: 10.1080/00207543.2019.1686187

Document Type: Article

Publication Stage: Final

Source: Scopus

151) Prabhu, S.R., Ilankumaran, M., Mohanraj, T.

[3D printing of automobile spoilers using MCDM techniques](#)

(2020) Materialpruefung/Materials Testing, 62 (11), pp. 1121-1125. Cited 3 times.

151) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096756132&doi=10.3139/2f120.111592&partnerID=40&md5=9412f5>
DOI: 10.3139/120.111592

Document Type: Article

Publication Stage: Final

Source: Scopus

- 152) Jiao, Y.-L., Li, M.-J., Wang, Z.-Z., Jin, H.-Q., Yang, Z.-W.

[Random double U-shaped assembly line balancing method using priority value](#)

[\[Article@随机双U型装配线优先权值平衡方法\]](#)

(2020) Jilin Daxue Xuebao (Gongxueban)/Journal of Jilin University (Engineering and Technology

Edition), 50 (6), pp. 2087-2093. Cited 1 time.

- 152) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096338837&doi=10.13229%2fj.cnki.jdxbgxb20190726&partnerID=40&>

DOI: 10.13229/j.cnki.jdxbgxb20190726

Document Type: Article

Publication Stage: Final

Source: Scopus

- 153) Martínez, S., Ortega, N., Celentano, D., Sánchez Egea, A.J., Ukar, E., Lamikiz, A.

[Analysis of the part distortions for inconel 718 SLM: A case study on the NIST test artifact](#)

(2020) Materials, 13 (22), art. no. 5087, pp. 1-9. Cited 8 times.

- 153) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095933112&doi=10.3390%2fma13225087&partnerID=40&md5=78beb>

DOI: 10.3390/ma13225087

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 154) Chen, C., Chang, S., Zhu, J., Xiao, Z., Zhu, H., Zeng, X.

[Residual stress of typical parts in laser powder bed fusion](#)

(2020) Journal of Manufacturing Processes, 59, pp. 621-628. Cited 2 times.

- 154) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092634757&doi=10.1016%2fj.jmapro.2020.10.009&partnerID=40&md5>

DOI: 10.1016/j.jmapro.2020.10.009

Document Type: Article

Publication Stage: Final

Source: Scopus

- 155) Gao, L., Gan, Y., Zhou, B., Dong, M.

[A user-knowledge crowdsourcing task assignment model and heuristic algorithm for Expert Knowledge Recommendation Systems](#)

(2020) Engineering Applications of Artificial Intelligence, 96, art. no. 103959, . Cited 1 time.

- 155) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091106602&doi=10.1016%2fj.engappai.2020.103959&partnerID=40&r>

DOI: 10.1016/j.engappai.2020.103959

Document Type: Article

Publication Stage: Final

Source: Scopus

156) Bueno, A., Godinho Filho, M., Frank, A.G.

[Smart production planning and control in the Industry 4.0 context: A systematic literature review](#)

(2020) Computers and Industrial Engineering, 149, art. no. 106774, . Cited 21 times.

156) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090141488&doi=10.1016%2fj.cie.2020.106774&partnerID=40&md5=a>

DOI: 10.1016/j.cie.2020.106774

Document Type: Article

Publication Stage: Final

Source: Scopus

157) Guedes de Oliveira, L., Henrique de Oliveira, C., Gonçalves de Brito, T., José de Paiva, E., Paulo de Paiva, A., Ferreira, J.R.

[Nonlinear optimization strategy based on multivariate prediction capability ratios: Analytical schemes and model validation for duplex stainless steel end milling](#)

(2020) Precision Engineering, 66, pp. 229-254. Cited 1 time.

157) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089473052&doi=10.1016%2fj.precisioneng.2020.06.005&partnerID=40&md5=a>

DOI: 10.1016/j.precisioneng.2020.06.005

Document Type: Article

Publication Stage: Final

Source: Scopus

158) Yang, W., Cheng, W.

[Modelling and solving mixed-model two-sided assembly line balancing problem with sequence-dependent setup time](#)

(2020) International Journal of Production Research, 58 (21), pp. 6638-6659. Cited 4 times.

158) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075027893&doi=10.1080%2f00207543.2019.1683255&partnerID=40&md5=a>

DOI: 10.1080/00207543.2019.1683255

Document Type: Article

Publication Stage: Final

Source: Scopus

159) Oh, Y., Zhou, C., Behdad, S.

[The impact of build orientation policies on the completion time in two-dimensional irregular packing](#)

[for additive manufacturing](#)

(2020) International Journal of Production Research, 58 (21), pp. 6601-6615. Cited 1 time.

159) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074762554&doi=10.1080%2f00207543.2019.1683253&partnerID=40&DOI=10.1080/00207543.2019.1683253>

Document Type: Article

Publication Stage: Final

Source: Scopus

160) Liu, J., Liu, G., Ouyang, H., Li, Y., Yan, M., Pecht, M.

[Wetting kinetics and microstructure analysis of bni2 filler metal over selective laser melted ti-6al-4v substrate](#)

(2020) Materials, 13 (20), art. no. 4666, pp. 1-16. Cited 1 time.

160) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093956404&doi=10.3390%2fma13204666&partnerID=40&md5=e8176&DOI=10.3390/ma13204666>

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

161) Shen, G., Luo, K., Li, L.

[A multi-plant production planning model considering non- repeated setup and aperiodic shipment](#)

(2020) Journal of Manufacturing Systems, 57, pp. 451-459.

161) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097069930&doi=10.1016%2fj.jmsy.2020.11.007&partnerID=40&md5=1ce4f&DOI=10.1016/j.jmsy.2020.11.007>

Document Type: Article

Publication Stage: Final

Source: Scopus

162) Han, D., Tang, Q., Zhang, Z., Li, Z.

[An improved migrating birds optimization algorithm for a hybrid flow shop scheduling within steel plants](#)

(2020) Mathematics, 8 (10), art. no. 1661, pp. 1-28. Cited 1 time.

162) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093115198&doi=10.3390%2fmath8101661&partnerID=40&md5=1ce4f&DOI=10.3390/math8101661>

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

163) Koo, P.-H.

[A new self-balancing assembly line based on collaborative ant behavior](#)

(2020) Applied Sciences (Switzerland), 10 (19), art. no. 6721, . Cited 3 times.

163) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092637805&doi=10.3390%2fapp10196845&partnerID=40&md5=2502>

DOI: 10.3390/app10196845

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

164) Alfaify, A., Saleh, M., Abdullah, F.M., Al-Ahmari, A.M.

[Design for additive manufacturing: A systematic review](#)

(2020) Sustainability (Switzerland), 12 (19), art. no. 7936, . Cited 9 times.

164) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092171812&doi=10.3390%2fsu12197936&partnerID=40&md5=3e749>

DOI: 10.3390/SU12197936

Document Type: Review

Publication Stage: Final

Access Type: Open Access

Source: Scopus

165) Chen, C., Xiao, Z., Zhu, H., Zeng, X.

[Deformation and control method of thin-walled part during laser powder bed fusion of Ti-6Al-4V alloy](#)

(2020) International Journal of Advanced Manufacturing Technology, 110 (11-12), pp. 3467-3478.

Cited 4 times.

165) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091317730&doi=10.1007%2fs00170-020-06104-0&partnerID=40&md5>

DOI: 10.1007/s00170-020-06104-0

Document Type: Article

Publication Stage: Final

Source: Scopus

166) Sun, Y., Hebert, R.J., Aindow, M.

[Effect of laser scan length on the microstructure of additively manufactured 17-4PH stainless steel thin-walled parts](#)

(2020) Additive Manufacturing, 35, art. no. 101302, . Cited 8 times.

166) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086828312&doi=10.1016%2fj.addma.2020.101302&partnerID=40&md5>

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089868162&doi=10.1108%2fAA-01-2020-0017&partnerID=40&md5=c>
DOI: 10.1108/AA-01-2020-0017

Document Type: Article
Publication Stage: Final
Source: Scopus

171) Kong, W., Qiao, F., Wu, Q.

[Feedback Collaborative Optimization for Multi-line Manufacturing Systems](#)

[\[Article@采用反馈机制的多生产线制造系统协同优化\]](#)

(2020) Zhongguo Jixie Gongcheng/China Mechanical Engineering, 31 (17), pp. 2112-2117 and 2127.

171) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092582581&doi=10.3969%2fj.issn.1004-132X.2020.17.014&partnerID>
DOI: 10.3969/j.issn.1004-132X.2020.17.014

Document Type: Article
Publication Stage: Final
Source: Scopus

172) Budak, G., Chen, X.

[Pace making and worker reassignment for assembly line rebalancing](#)

(2020) SN Applied Sciences, 2 (9), art. no. 1575, .

172) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100765053&doi=10.1007%2fs42452-020-03368-9&partnerID=40&md5>
DOI: 10.1007/s42452-020-03368-9

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus

173) Meng, W., Zhang, X.

[Optimization of remanufacturing disassembly line balance considering multiple failures and material hazards](#)

(2020) Sustainability (Switzerland), 12 (18), art. no. 7318, . Cited 3 times.

173) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091717747&doi=10.3390%2fsu12187318&partnerID=40&md5=1a442>
DOI: 10.3390/SU12187318

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus

174) Wang, Y.B., Zheng, P., Peng, T., Yang, H.Y., Zou, J.

[Smart additive manufacturing: Current artificial intelligence-enabled methods and future perspectives](#)

(2020) Science China Technological Sciences, 63 (9), pp. 1600-1611. Cited 7 times.

174) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085299637&doi=10.1007%2fs11431-020-1581-2&partnerID=40&md5=>

DOI: 10.1007/s11431-020-1581-2

Document Type: Review

Publication Stage: Final

Source: Scopus

175) Lopes, T.C., Pastre, G.V., Michels, A.S., Magatão, L.

[Flexible multi-manned assembly line balancing problem: Model, heuristic procedure, and lower bounds for line length minimization](#)

(2020) Omega (United Kingdom), 95, art. no. 102063, . Cited 9 times.

175) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065420026&doi=10.1016%2fj.omega.2019.04.006&partnerID=40&md5=>

DOI: 10.1016/j.omega.2019.04.006

Document Type: Article

Publication Stage: Final

Source: Scopus

176) Tyczyński, P., Siemiatkowski, Z., Bak, P., Warzocha, K., Rucki, M., Szumiata, T.

[Performance of maraging steel sleeves produced by SLM with subsequent age hardening](#)

(2020) Materials, 13 (15), art. no. 3408, pp. 1-16. Cited 4 times.

176) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089753896&doi=10.3390%2fma13153408&partnerID=40&md5=6bafef>

DOI: 10.3390/ma13153408

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

177) Çil, Z.A., Li, Z., Mete, S., Özceylan, E.

[Mathematical model and bee algorithms for mixed-model assembly line balancing problem with physical human-robot collaboration](#)

(2020) Applied Soft Computing Journal, 93, art. no. 106394, . Cited 8 times.

177) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084844775&doi=10.1016%2fj.asoc.2020.106394&partnerID=40&md5=>

DOI: 10.1016/j.asoc.2020.106394

Document Type: Article

Publication Stage: Final

Source: Scopus

178) Li, Z., Kucukkoc, I., Zhang, Z.

[Branch, bound and remember algorithm for two-sided assembly line balancing problem](#)

(2020) European Journal of Operational Research, 284 (3), pp. 896-905. Cited 11 times.

178) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079274814&doi=10.1016%2fj.ejor.2020.01.032&partnerID=40&md5=7>

DOI: 10.1016/j.ejor.2020.01.032

Document Type: Article

Publication Stage: Final

Source: Scopus

179) Zhu, L., Zhang, Z., Wang, Y., Cai, N.

[On the end-of-life state oriented multi-objective disassembly line balancing problem](#)

(2020) Journal of Intelligent Manufacturing, 31 (6), pp. 1403-1428. Cited 8 times.

179) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077090926&doi=10.1007%2fs10845-019-01519-3&partnerID=40&md5=7>

DOI: 10.1007/s10845-019-01519-3

Document Type: Article

Publication Stage: Final

Source: Scopus

180) Li, Z., Kucukkoc, I., Tang, Q.

[A comparative study of exact methods for the simple assembly line balancing problem](#)

(2020) Soft Computing, 24 (15), pp. 11459-11475. Cited 14 times.

180) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076609595&doi=10.1007%2fs00500-019-04609-9&partnerID=40&md5=7>

DOI: 10.1007/s00500-019-04609-9

Document Type: Article

Publication Stage: Final

Source: Scopus

181) Zhang, Y., Wang, Y., Chen, T., Shi, J.

[Agent-based modeling approach for group polarization behavior considering conformity and network relationship strength](#)

(2020) Concurrency and Computation: Practice and Experience, 32 (14), art. no. e5707, . Cited 2 times.

181) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080126079&doi=10.1002%2fcpe.5707&partnerID=40&md5=c66ca254>

DOI: 10.1002/cpe.5707

Document Type: Article
 Publication Stage: Final
 Source: Scopus

182) Teymourifar, A., Rodrigues, A.M., Ferreira, J.S.

[A Comparison between NSGA-II and NSGA-III to Solve Multi-Objective Sectorization Problems based on Statistical Parameter Tuning](#)

(2020) Proceedings - 24th International Conference on Circuits, Systems, Communications and Computers, CSCC 2020, art. no. 9402483, pp. 64-74.

182) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105327729&doi=10.1109%2fCSCC49995.2020.00020&partnerID=40&DOI=10.1109/CSCC49995.2020.00020>

Document Type: Conference Paper
 Publication Stage: Final
 Source: Scopus

183) Snyder, J.C., Thole, K.A.

[Understanding laser powder bed fusion surface roughness](#)

(2020) Journal of Manufacturing Science and Engineering, Transactions of the ASME, 142 (7), art. no. 071003, . Cited 11 times.

183) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101528349&doi=10.1115%2f1.4046504&partnerID=40&md5=9d189f15DOI=10.1115/1.4046504>

Document Type: Article
 Publication Stage: Final
 Access Type: Open Access
 Source: Scopus

184) Polishetty, A., Littlefair, G.

[Evaluating optimal parameters for machining selective laser melting titanium alloy using wire cut electrical discharge machining](#)

(2020) International Journal of Manufacturing, Materials, and Mechanical Engineering, 10 (3), pp. 62-72. Cited 2 times.

184) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093871966&doi=10.4018%2fIJMMME.2020070104&partnerID=40&DOI=10.4018/IJMMME.2020070104>

Document Type: Article
 Publication Stage: Final
 Source: Scopus

185) Thiruvady, D., Nazari, A., Elmi, A.

[An Ant Colony Optimisation Based Heuristic for Mixed-model Assembly Line Balancing with Setups](#)

(2020) 2020 IEEE Congress on Evolutionary Computation, CEC 2020 - Conference Proceedings, art.

no. 9185757, . Cited 4 times.

185) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092046711&doi=10.1109%2fCEC48606.2020.9185757&partnerID=40>

DOI: 10.1109/CEC48606.2020.9185757

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

186) Yadav, A., Verma, P., Agrawal, S.

[Mixed model two sided assembly line balancing problem: an exact solution approach](#)

(2020) International Journal of Systems Assurance Engineering and Management, 11, pp. 335-348.

Cited 1 time.

186) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089281054&doi=10.1007%2fs13198-020-00956-1&partnerID=40&md5=>

DOI: 10.1007/s13198-020-00956-1

Document Type: Article

Publication Stage: Final

Source: Scopus

187) Zhu, L., Zhang, Z., Guan, C.

[Multi-objective partial parallel disassembly line balancing problem using hybrid group neighbourhood search algorithm](#)

(2020) Journal of Manufacturing Systems, 56, pp. 252-269. Cited 9 times.

187) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087104269&doi=10.1016%2fj.jmsy.2020.06.013&partnerID=40&md5=>

DOI: 10.1016/j.jmsy.2020.06.013

Document Type: Article

Publication Stage: Final

Source: Scopus

188) Kuai, Z., Li, Z., Bai, P., Nie, Y., Liu, W., Yang, S., Qi, K.

[Microstructures and Mechanical Properties of CoCrW Alloy Fabricated by Simulating Multibeam Selective Laser Melting](#)

(2020) Advanced Engineering Materials, 22 (7), art. no. 1901356, . Cited 1 time.

188) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084590396&doi=10.1002%2fadem.201901356&partnerID=40&md5=>

DOI: 10.1002/adem.201901356

Document Type: Article
 Publication Stage: Final
 Source: Scopus

189) Zhang, Y., Hu, X., Wu, C.

[Improved imperialist competitive algorithms for rebalancing multi-objective two-sided assembly lines with space and resource constraints](#)

(2020) International Journal of Production Research, 58 (12), pp. 3589-3617. Cited 11 times.

189) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068504395&doi=10.1080%2f00207543.2019.1633023&partnerID=40&DOI=10.1080/00207543.2019.1633023>

Document Type: Article
 Publication Stage: Final
 Source: Scopus

190) Januardi, Widodo, E.

[A Review of Response Surface Methodology Approach in Supply Chain Management](#)

(2020) ACM International Conference Proceeding Series, pp. 322-327. Cited 1 time.

190) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090938165&doi=10.1145%2f3400934.3400993&partnerID=40&md5=cDOI=10.1145/3400934.3400993>

Document Type: Conference Paper
 Publication Stage: Final
 Source: Scopus

191) Alduaij, A., Hassan, N.M.

[Adopting a circular open-field layout in designing flexible manufacturing systems](#)

(2020) International Journal of Computer Integrated Manufacturing, 33 (6), pp. 572-589. Cited 1 time.

191) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087436415&doi=10.1080%2f0951192X.2020.1775300&partnerID=40&DOI=10.1080/0951192X.2020.1775300>

Document Type: Article
 Publication Stage: Final
 Source: Scopus

192) Li, Z., Çil, Z.A., Mete, S., Kucukkoc, I.

[A fast branch, bound and remember algorithm for disassembly line balancing problem](#)

(2020) International Journal of Production Research, 58 (11), pp. 3220-3234. Cited 27 times.

192) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067845760&doi=10.1080%2f00207543.2019.1630774&partnerID=40&DOI=10.1080/00207543.2019.1630774>

Document Type: Article
Publication Stage: Final
Source: Scopus

193) Rahmani, N., Najafi, A.

[Online distribution and load balancing optimization using the robin hood and johnson hybrid algorithm](#)

(2020) Journal of Optimization in Industrial Engineering, 13 (2), pp. 17-26.

193) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099108160&doi=10.22094%2fJOIE.2020.560265.1542&partnerID=40&md5=4c277100000000000000000000000000>
DOI: 10.22094/JOIE.2020.560265.1542

Document Type: Article
Publication Stage: Final
Source: Scopus

194) Mashhadi, F., Salinas Monroy, S.A.

[Deep Learning for Optimal Resource Allocation in IoT-enabled Additive Manufacturing](#)

(2020) IEEE World Forum on Internet of Things, WF-IoT 2020 - Symposium Proceedings, art. no.

9221038, . Cited 2 times.

194) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095580803&doi=10.1109%2fWF-IoT48130.2020.9221038&partnerID=40&md5=4c277100000000000000000000000000>
DOI: 10.1109/WF-IoT48130.2020.9221038

Document Type: Conference Paper
Publication Stage: Final
Source: Scopus

195) Fani, V., Bindi, B., Bandinelli, R.

[Balancing assembly line in the footwear industry using simulation: A case study](#)

(2020) Proceedings - European Council for Modelling and Simulation, ECMS, 34 (1), pp. 56-64. Cited

1 time.

195) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094961408&partnerID=40&md5=d3493ef1925a51619e32a5b1fddc80c00000000000000000000000000000000>

Document Type: Conference Paper
Publication Stage: Final
Source: Scopus

196) Toklu, Y.C., Bekdaş, G., Geem, Z.W.

[Harmony search optimization of nozzle movement for additive manufacturing of concrete structures and concrete elements](#)

(2020) Applied Sciences (Switzerland), 10 (12), art. no. 4413, . Cited 2 times.

196) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087342261&doi=10.3390%2fapp10124413&partnerID=40&md5=4c277100000000000000000000000000>

DOI: 10.3390/app10124413

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 197) Fathi, M., Nourmohammadi, A., Ghobakhloo, M., Yousefi, M.

[Production sustainability via supermarket location optimization in assembly lines](#)

(2020) Sustainability (Switzerland), 12 (11), art. no. 4728, . Cited 3 times.

- 197) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086332912&doi=10.3390%2fsu12114728&partnerID=40&md5=baf43d>

DOI: 10.3390/su12114728

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 198) Pal, S., Gubeljak, N., Hudák, R., Lojen, G., Rajtúková, V., Brajlili, T., Drstvenšek, I.

[Evolution of the metallurgical properties of Ti-6Al-4V, produced with different laser processing parameters, at constant energy density in selective laser melting](#)

(2020) Results in Physics, 17, art. no. 103186, . Cited 3 times.

- 198) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085576075&doi=10.1016%2fj.rinp.2020.103186&partnerID=40&md5=e>

DOI: 10.1016/j.rinp.2020.103186

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 199) Ogunbiyi, O., Jamiru, T., Sadiku, R., Adesina, O., Olajide, J.L., Beneke, L.

[Optimization of spark plasma sintering parameters of inconel 738LC alloy using response surface methodology \(RSM\)](#)

(2020) International Journal of Lightweight Materials and Manufacture, 3 (2), pp. 177-188. Cited 5 times.

- 199) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084503822&doi=10.1016%2fj.ijlmm.2019.10.002&partnerID=40&md5=>

DOI: 10.1016/j.ijlmm.2019.10.002

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

200) Kucukkoc, I., Li, Z., Li, Y.

[Type-E disassembly line balancing problem with multi-manned workstations](#)

(2020) Optimization and Engineering, 21 (2), pp. 611-630. Cited 5 times.

200) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074037863&doi=10.1007%2fs11081-019-09465-y&partnerID=40&md5>

DOI: 10.1007/s11081-019-09465-y

Document Type: Article

Publication Stage: Final

Source: Scopus

Documents

Export Date: 24 Oct 2021

Search: AUTHOR-NAME(kucukkoc,i)

- 1) Posser, T., Freitas de Oliveira, B.

[Design for additive manufacturing applied for mass reduction of a two-stroke engine cylinder for portable machine](#)

(2020) International Journal on Interactive Design and Manufacturing, 14 (2), pp. 709-717.

- 1) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066467348&doi=10.1007%2fs12008-019-00596-1&partnerID=40&md5=b>

DOI: 10.1007/s12008-019-00596-1

Document Type: Article

Publication Stage: Final

Source: Scopus

- 2) Cevikcan, E., Durmusoglu, M.B.

[A novel optimization approach for segmented rabbit chase oriented U-type assembly line design: an application from lighting industry](#)

(2020) Assembly Automation, 40 (3), pp. 483-510. Cited 2 times.

- 2) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083998035&doi=10.1108%2fAA-02-2019-0020&partnerID=40&md5=b>

DOI: 10.1108/AA-02-2019-0020

Document Type: Article

Publication Stage: Final

Source: Scopus

- 3) Montes, N., Aranda, J.A., García-Bartual, R.

[Real time flow forecasting in a mountain river catchment using conceptual models with simple error correction scheme](#)

(2020) Water (Switzerland), 12 (5), art. no. 1484, . Cited 1 time.

- 3) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085957258&doi=10.3390%2fw12051484&partnerID=40&md5=ad3407>

DOI: 10.3390/w12051484

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 4) Fu, X., Zou, J., Ju, C.

[A Sewing Line Planning Model Based on RFID Technology](#)

(2020) Journal of Electrical Engineering and Technology, 15 (3), pp. 1441-1452.

- 4)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083781184&doi=10.1007%2fs42835-020-00420-x&partnerID=40&md5=0>
DOI: 10.1007/s42835-020-00420-x

Document Type: Article
Publication Stage: Final
Source: Scopus

- 5) Ayough, A., Zandieh, M., Farhadi, F.
[Balancing, sequencing, and job rotation scheduling of a U-shaped lean cell with dynamic operator performance](#)
(2020) Computers and Industrial Engineering, 143, art. no. 106363, . Cited 7 times.
- 5) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081637219&doi=10.1016%2fj.cie.2020.106363&partnerID=40&md5=0>
DOI: 10.1016/j.cie.2020.106363

Document Type: Article
Publication Stage: Final
Source: Scopus

- 6) Xie, G., Dong, Y., Zhou, J., Sheng, Z.
[Topology optimization design of hydraulic valve blocks for additive manufacturing](#)
(2020) Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 234 (10), pp. 1899-1912. Cited 2 times.
- 6) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078099005&doi=10.1177%2f0954406220902166&partnerID=40&md5=0>
DOI: 10.1177/0954406220902166

Document Type: Article
Publication Stage: Final
Source: Scopus

- 7) Zhang, J., Yao, X., Li, Y.
[Improved evolutionary algorithm for parallel batch processing machine scheduling in additive manufacturing](#)
(2020) International Journal of Production Research, 58 (8), pp. 2263-2282. Cited 12 times.
- 7) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066047894&doi=10.1080%2f00207543.2019.1617447&partnerID=40&md5=0>
DOI: 10.1080/00207543.2019.1617447

Document Type: Article
Publication Stage: Final
Source: Scopus

- 8) Chutima, P., Jirachai, P.

[Parallel U-shaped assembly line balancing with adaptive MOEA/D hybridized with BBO](#)

(2020) Journal of Industrial and Production Engineering, 37 (2-3), pp. 97-119. Cited 1 time.

- 8) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083578294&doi=10.1080%2f21681015.2020.1735544&partnerID=40&DOI=10.1080/21681015.2020.1735544>

Document Type: Article

Publication Stage: Final

Source: Scopus

- 9) Wang, X.-G., Xu, P.-X., Li, S.-J., Ma, R.-M.

[Optimal Design of Interval Reliability for Uncertain Structures](#)

[Article@不确定结构的区间可靠性优化设计]

(2020) Dongbei Daxue Xuebao/Journal of Northeastern University, 41 (4), pp. 521-527.

- 9) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083695180&doi=10.12068%2fj.issn.1005-3026.2020.04.012&partnerID=40&DOI=10.12068/j.issn.1005-3026.2020.04.012>

Document Type: Article

Publication Stage: Final

Source: Scopus

- 10) Weckenborg, C., Kieckhäfer, K., Müller, C., Grunewald, M., Spengler, T.S.

[Balancing of assembly lines with collaborative robots](#)

(2020) Business Research, 13 (1), pp. 93-132. Cited 11 times.

- 10) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083195320&doi=10.1007%2fs40685-019-0101-y&partnerID=40&md5=10.1007/s40685-019-0101-y>

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 11) Deng, Y., Mao, Z., Yang, N., Niu, X., Lu, X.

[Collaborative optimization of density and surface roughness of 316L stainless steel in selective laser melting](#)

(2020) Materials, 13 (7), art. no. 1601, . Cited 8 times.

- 11) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082948331&doi=10.3390%2fma13071601&partnerID=40&md5=a9e9910.3390/ma13071601>

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

12) Yılmaz, Ö.F.

[Examining additive manufacturing in supply chain context through an optimization model](#)

(2020) Computers and Industrial Engineering, 142, art. no. 106335, . Cited 8 times.

12) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078997279&doi=10.1016%2fj.cie.2020.106335&partnerID=40&md5=8>

DOI: 10.1016/j.cie.2020.106335

Document Type: Article

Publication Stage: Final

Source: Scopus

13) Yang, M., Ba, L., Xu, E., Li, Y., Liu, Y., Gao, X.

[Optimization of a multi-constraint two-sided assembly line balancing problem using an improved imperialist competitive algorithm](#)

(2020) Assembly Automation, 40 (2), pp. 273-282.

13) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079467685&doi=10.1108%2fAA-04-2019-0064&partnerID=40&md5=8>

DOI: 10.1108/AA-04-2019-0064

Document Type: Article

Publication Stage: Final

Source: Scopus

14) Ab. Rashid, M.F.F., Mohd Rose, A.N., Nik Mohamed, N.M.Z., Mohd Romlay, F.R.

[Improved moth flame optimization algorithm to optimize cost-oriented two-sided assembly line balancing](#)

(2020) Engineering Computations (Swansea, Wales), 37 (2), pp. 638-663. Cited 3 times.

14) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071626119&doi=10.1108%2fEC-12-2018-0593&partnerID=40&md5=f>

DOI: 10.1108/EC-12-2018-0593

Document Type: Article

Publication Stage: Final

Source: Scopus

15) Fathi, M., Nourmohammadi, A., H.C. Ng, A., Syberfeldt, A., Eskandari, H.

[An improved genetic algorithm with variable neighborhood search to solve the assembly line balancing problem](#)

(2020) Engineering Computations (Swansea, Wales), 37 (2), pp. 501-521. Cited 6 times.

15) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071617279&doi=10.1108%2fEC-02-2019-0053&partnerID=40&md5=8>

DOI: 10.1108/EC-02-2019-0053

Document Type: Article

Publication Stage: Final

Source: Scopus

- 16) Kaya, B.Y., Adem, A., Dağdeviren, M.

[A DSS-Based Novel Approach Proposition Employing Decision Techniques for System Design](#)

(2020) International Journal of Information Technology and Decision Making, 19 (2), pp. 413-445.

- 16) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082201095&doi=10.1142%2fS02196220200500029&partnerID=40&md>

DOI: 10.1142/S02196220200500029

Document Type: Article

Publication Stage: Final

Source: Scopus

- 17) Liang, X., Dong, W., Hinnebusch, S., Chen, Q., Tran, H.T., Lemon, J., Cheng, L., Zhou, Z., Hayduke, D., To, A.C.

[Inherent strain homogenization for fast residual deformation simulation of thin-walled lattice support structures built by laser powder bed fusion additive manufacturing](#)

(2020) Additive Manufacturing, 32, art. no. 101091, . Cited 11 times.

- 17) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078835098&doi=10.1016%2fj.addma.2020.101091&partnerID=40&md>

DOI: 10.1016/j.addma.2020.101091

Document Type: Article

Publication Stage: Final

Source: Scopus

- 18) Ramos-Figueroa, O., Quiroz-Castellanos, M., Mezura-Montes, E., Schütze, O.

[Metaheuristics to solve grouping problems: A review and a case study](#)

(2020) Swarm and Evolutionary Computation, 53, art. no. 100643, . Cited 17 times.

- 18) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077702273&doi=10.1016%2fj.swevo.2019.100643&partnerID=40&md>

DOI: 10.1016/j.swevo.2019.100643

Document Type: Article

Publication Stage: Final

Source: Scopus

- 19) Lopes, T.C., Michels, A.S., Lüders, R., Magatão, L.

[A simheuristic approach for throughput maximization of asynchronous buffered stochastic mixed-model assembly lines](#)

(2020) Computers and Operations Research, 115, art. no. 104863, . Cited 5 times.

- 19) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076086152&doi=10.1016%2fj.cor.2019.104863&partnerID=40&md5=5>
DOI: 10.1016/j.cor.2019.104863

Document Type: Article

Publication Stage: Final

Source: Scopus

- 20) Liu, Y.Z.

[Coaxial waterjet-assisted laser drilling of film cooling holes in turbine blades](#)

(2020) International Journal of Machine Tools and Manufacture, 150, art. no. 103510, . Cited 9 times.

- 20) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075871493&doi=10.1016%2fj.ijmachtools.2019.103510&partnerID=40>
DOI: 10.1016/j.ijmachtools.2019.103510

Document Type: Article

Publication Stage: Final

Source: Scopus

- 21) Hazır, Ö., Agi, M.A.N., Guérin, J.

[A fast and effective heuristic for smoothing workloads on assembly lines: algorithm design and experimental analysis](#)

(2020) Computers and Operations Research, 115, art. no. 104857, . Cited 6 times.

- 21) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075557723&doi=10.1016%2fj.cor.2019.104857&partnerID=40&md5=a>
DOI: 10.1016/j.cor.2019.104857

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 22) Koskinen, J., Raduly-Baka, C., Johnsson, M., Nevalainen, O.S.

[Rolling horizon production scheduling of multi-model PCBs for several assembly lines](#)

(2020) International Journal of Production Research, 58 (4), pp. 1052-1073. Cited 7 times.

- 22) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065177641&doi=10.1080%2f00207543.2019.1609708&partnerID=40&md5=b>
DOI: 10.1080/00207543.2019.1609708

Document Type: Article

Publication Stage: Final

Source: Scopus

- 23) Rauf, M., Guan, Z., Sarfraz, S., Mumtaz, J., Shehab, E., Jahanzaib, M., Hanif, M.

[A smart algorithm for multi-criteria optimization of model sequencing problem in assembly lines](#)

(2020) Robotics and Computer-Integrated Manufacturing, 61, art. no. 101844, . Cited 15 times.

- 23) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069913381&doi=10.1016%2fj.rcim.2019.101844&partnerID=40&md5=>

DOI: 10.1016/j.rcim.2019.101844

Document Type: Article

Publication Stage: Final

Source: Scopus

- 24) Zhang, B., Xu, L., Zhang, J.

[A multi-objective cellular genetic algorithm for energy-oriented balancing and sequencing problem of mixed-model assembly line](#)

(2020) Journal of Cleaner Production, 244, art. no. 118845, . Cited 13 times.

- 24) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073925104&doi=10.1016%2fj.jclepro.2019.118845&partnerID=40&md5=>

DOI: 10.1016/j.jclepro.2019.118845

Document Type: Article

Publication Stage: Final

Source: Scopus

- 25) Lopes, T.C., Sikora, C.G.S., Michels, A.S., Magatão, L.

[An iterative decomposition for asynchronous mixed-model assembly lines: combining balancing, sequencing, and buffer allocation](#)

(2020) International Journal of Production Research, 58 (2), pp. 615-630. Cited 9 times.

- 25) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064718190&doi=10.1080%2f00207543.2019.1598597&partnerID=40&md5=>

DOI: 10.1080/00207543.2019.1598597

Document Type: Article

Publication Stage: Final

Source: Scopus

- 26) Ali, I., Ghanem, N., Fors, M.N.

[A Mathematical Model for the Lexicographic Bottleneck Mixed-Model Flexible Assembly Line Balancing Problem](#)

(2020) ACM International Conference Proceeding Series, pp. 1-8.

- 26) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087046779&doi=10.1145%2f3394941.3394942&partnerID=40&md5=>

DOI: 10.1145/3394941.3394942

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 27) Agostino, I.R.S., Frazzon, E.M., Alcala, S.G.S., Basto, J.P., Rodriguez, C.M.T.

[Dynamic production order allocation for distributed additive manufacturing](#)

(2020) IFAC-PapersOnLine, 53, pp. 10658-10663.

- 27) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107747368&doi=10.1016%2fj.ifacol.2020.12.2832&partnerID=40&md5=7>

DOI: 10.1016/j.ifacol.2020.12.2832

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 28) Eysers, D.

[Flexibility strategies for 3DP](#)

(2020) Managing 3D Printing: Operations Management for Additive Manufacturing, pp. 47-96.

- 28) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106610171&doi=10.1007%2f978-3-030-23323-5_6&partnerID=40&md5=7

DOI: 10.1007/978-3-030-23323-5_6

Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

- 29) Liang, B., Li, Y., Bi, J., Ding, C., Zhao, X.

[An Improved Adaptive Parallel Genetic Algorithm for the Airport Gate Assignment Problem](#)

(2020) Journal of Advanced Transportation, 2020, art. no. 8880390, .

- 29) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098704378&doi=10.1155%2f2020%2f8880390&partnerID=40&md5=7>

DOI: 10.1155/2020/8880390

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 30) Yanchevskiy, I., Lachmayer, R., Mozgova, I., Lippert, R.B., Yaskov, G., Romanova, T., Litvinchev, I.L.

[Circular packing for support-free structures](#)

(2020) EAI Endorsed Transactions on Energy Web, 7 (30), pp. 1-10. Cited 2 times.

- 30) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098657002&doi=10.4108%2feai.13-7-2018.164561&partnerID=40&md5=7>

DOI: 10.4108/eai.13-7-2018.164561

Document Type: Article
 Publication Stage: Final
 Access Type: Open Access
 Source: Scopus

- 31) Thiruvady, D., Elmi, A., Nazari, A., Schneider, J.-G.
[Minimising Cycle Time in Assembly Lines: A Novel Ant Colony Optimisation Approach](#)
 (2020) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence
 and Lecture Notes in Bioinformatics), 12576 LNAI, pp. 125-137. Cited 1 time.

- 31) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097646959&doi=10.1007%2f978-3-030-64984-5_10&partnerID=40&DOI: 10.1007/978-3-030-64984-5_10

Document Type: Conference Paper
 Publication Stage: Final
 Source: Scopus

- 32) Kunovjanek, M., Knofius, N., Reiner, G.
[Additive manufacturing and supply chains—a systematic review](#)
 (2020) Production Planning and Control, . Cited 6 times.

- 32) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097539951&doi=10.1080%2f09537287.2020.1857874&partnerID=40&DOI: 10.1080/09537287.2020.1857874>

Document Type: Article
 Publication Stage: Article in Press
 Access Type: Open Access
 Source: Scopus

- 33) Aïder, M., Gacem, O., Hifi, M.
[Branch and solve strategies-based algorithm for the quadratic multiple knapsack problem](#)
 (2020) Journal of the Operational Research Society, .

- 33) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097446197&doi=10.1080%2f01605682.2020.1843982&partnerID=40&DOI: 10.1080/01605682.2020.1843982>

Document Type: Article
 Publication Stage: Article in Press
 Source: Scopus

- 34) Darwish, L.R., Farag, M.M., El-Wakad, M.T.
[Towards Reinforcing Healthcare 4.0: A Green Real-Time IIoT Scheduling and Nesting Architecture for COVID-19 Large-Scale 3D Printing Tasks](#)

(2020) IEEE Access, 8, art. no. 9269973, pp. 213916-213927.

- 34) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097191822&doi=10.1109%2fACCESS.2020.3040544&partnerID=40&md5=10.1109/ACCESS.2020.3040544>
DOI: 10.1109/ACCESS.2020.3040544

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus

- 35) Chua, P.C., Moon, S.K., Ng, Y.T.
[Multi-objective implementation of additive manufacturing in make-to-stock production](#)
(2020) Proceedings of the ASME Design Engineering Technical Conference, 9, art. no. V009T09A059, .

- 35) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096087117&doi=10.1115%2fDETC2020-22085&partnerID=40&md5=10.1115/DETC2020-22085>
DOI: 10.1115/DETC2020-22085

Document Type: Conference Paper
Publication Stage: Final
Source: Scopus

- 36) Ozan Yilmazlar, I., Jeyes, A., Fiore, A., Patel, A., Spence, C., Wentzky, C., Zero, N., Kurz, M.E., Summers, J.D., Taaffe, K.M.
[A case study in line balancing and simulation](#)
(2020) 48, pp. 71-81.

- 36) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094896343&doi=10.1016%2fj.promfg.2020.05.076&partnerID=40&md5=10.1016/j.promfg.2020.05.076>
DOI: 10.1016/j.promfg.2020.05.076

Document Type: Conference Paper
Publication Stage: Final
Access Type: Open Access
Source: Scopus

- 37) Castillo-Rivera, S., de Antón, J., Del Olmo, R., Pajares, J., López-Paredes, A.
[Genetic algorithms for the scheduling in additive manufacturing](#)
(2020) International Journal of Production Management and Engineering, 8 (2), pp. 59-63.

- 37) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094604221&doi=10.4995%2fijpme.2020.12173&partnerID=40&md5=10.4995/ijpme.2020.12173>
DOI: 10.4995/ijpme.2020.12173

Document Type: Article
Publication Stage: Final
Access Type: Open Access

Source: Scopus

- 38) de Antón, J., Senovilla, J., González, J.M., Acebes, F., Pajares, J.

[Production planning in 3D Printing factories](#)

(2020) International Journal of Production Management and Engineering, 8 (2), pp. 75-86. Cited 1

time.

- 38) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094589868&doi=10.4995%2fijpme.2020.12944&partnerID=40&md5=7>

DOI: 10.4995/ijpme.2020.12944

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 39) Xu, Q., Zhu, Y.

[Uncertain random optimization models based on system reliability](#)

(2020) International Journal of Computational Intelligence Systems, 13 (1), pp. 1498-1506.

- 39) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092567181&doi=10.2991%2fijcis.d.200915.002&partnerID=40&md5=0>

DOI: 10.2991/ijcis.d.200915.002

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 40) Hashemi-Petroodi, S.E., Dolgui, A., Kovalev, S., Kovalyov, M.Y., Thevenin, S.

[Workforce reconfiguration strategies in manufacturing systems: a state of the art](#)

(2020) International Journal of Production Research, . Cited 8 times.

- 40) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092531155&doi=10.1080%2f00207543.2020.1823028&partnerID=40&md5=0>

DOI: 10.1080/00207543.2020.1823028

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

- 41) Park, H.S., Ansari, M.J.

[Estimation of residual stress and deformation in selective laser melting of Ti6Al4V alloy](#)

(2020) Procedia CIRP, 93, pp. 44-49. Cited 1 time.

- 41) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092434855&doi=10.1016%2fj.procir.2020.03.091&partnerID=40&md5=0>

DOI: 10.1016/j.procir.2020.03.091

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 42) Yang, J., Liu, Y.

[Energy, time and material consumption modelling for fused deposition modelling process](#)

(2020) Procedia CIRP, 90, pp. 510-515.

- 42) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092426830&doi=10.1016%2fj.procir.2020.02.130&partnerID=40&md5=>

DOI: 10.1016/j.procir.2020.02.130

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 43) Chutima, P.

[Research trends and outlooks in assembly line balancing problems](#)

(2020) Engineering Journal, 24 (5), pp. 93-134. Cited 2 times.

- 43) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092161200&doi=10.4186%2fej.2020.24.5.93&partnerID=40&md5=afb4>

DOI: 10.4186/ej.2020.24.5.93

Document Type: Review

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 44) Zhou, Y., Guo, X., Li, D.

[A dynamic programming approach to a multi-objective disassembly line balancing problem](#)

(2020) Annals of Operations Research, .

- 44) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091147701&doi=10.1007%2fs10479-020-03797-0&partnerID=40&md5=>

DOI: 10.1007/s10479-020-03797-0

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

- 45) Calderaro, D.R., Lacerda, D.P., Veit, D.R.

[Selection of additive manufacturing technologies in productive systems: A decision support model](#)

[Article@Seleção de tecnologias de manufatura aditiva em sistemas produtivos: Modelo de apoio à decisão]

(2020) Gestao e Producao, 27 (3), art. no. e5363, . Cited 1 time.

- 45) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091093935&doi=10.1590%2f0104-530x5363-20&partnerID=40&md5=>
DOI: 10.1590/0104-530x5363-20

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 46) Álvarez-Miranda, E., Chace, S., Pereira, J.

[Assembly line balancing with parallel workstations](#)

(2020) International Journal of Production Research, . Cited 4 times.

- 46) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090994656&doi=10.1080%2f00207543.2020.1818000&partnerID=40&md5=>
DOI: 10.1080/00207543.2020.1818000

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

- 47) Naybour, M., Remenyte-Prescott, R., Boyd, M.

[Modelling reliability and efficiency of english community pharmacy processes](#)

(2020) Proceedings - Annual Reliability and Maintainability Symposium, 2020-January, art. no.

9153661, .

- 47) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090440303&doi=10.1109%2fRAMS48030.2020.9153661&partnerID=40&md5=>
DOI: 10.1109/RAMS48030.2020.9153661

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 48) Tavakkoli-Moghaddam, R., Shirazian, S., Vahedi-Nouri, B.

[A Bi-objective Scheduling Model for Additive Manufacturing with Multiple Materials and Sequence-Dependent Setup Time](#)

(2020) IFIP Advances in Information and Communication Technology, 592 IFIP, pp. 451-459.

- 48) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090174140&doi=10.1007%2f978-3-030-57997-5_52&partnerID=40&md5=
DOI: 10.1007/978-3-030-57997-5_52

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 49) Hashemi-Petroodi, S.E., Thevenin, S., Kovalev, S., Dolgui, A.

[The Impact of Dynamic Tasks Assignment in Paced Mixed-Model Assembly Line with Moving Workers](#)

(2020) IFIP Advances in Information and Communication Technology, 592 IFIP, pp. 509-517.

- 49) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090170249&doi=10.1007%2f978-3-030-57997-5_59&partnerID=40&m

DOI: 10.1007/978-3-030-57997-5_59

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 50) Cao, Y., Li, Y., Liu, Q., Zhang, J.

[An Optimization Model for Assembly Line Balancing Problem with Uncertain Cycle Time](#)

(2020) Mathematical Problems in Engineering, 2020, art. no. 2785278, . Cited 1 time.

- 50) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089264545&doi=10.1155%2f2020%2f2785278&partnerID=40&md5=3>

DOI: 10.1155/2020/2785278

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 51) Vaneke, T., Bernard, A., Moroni, G., Gibson, I., Zhang, Y.

[Design for additive manufacturing: Framework and methodology](#)

(2020) CIRP Annals, 69 (2), pp. 578-599. Cited 28 times.

- 51) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089147181&doi=10.1016%2fj.cirp.2020.05.006&partnerID=40&md5=e>

DOI: 10.1016/j.cirp.2020.05.006

Document Type: Article

Publication Stage: Final

Source: Scopus

- 52) Kizilay, D., Çil, Z.A.

[Constraint programming approach for multi-objective two-sided assembly line balancing problem with multi-operator stations](#)

(2020) Engineering Optimization, pp. 1-16. Cited 3 times.

- 52) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088016876&doi=10.1080%2f0305215X.2020.1786081&partnerID=40&md5=3>

DOI: 10.1080/0305215X.2020.1786081

Document Type: Article

Publication Stage: Final

Source: Scopus

- 53) Erana-Diaz, M.L., Cruz-Chavez, M.A., Rivera-Lopez, R., Martinez-Bahena, B., Avila-Melgar, E.Y., Heriberto Cruz-Rosales, M.

[Optimization for Risk Decision-Making through Simulated Annealing](#)

(2020) IEEE Access, 8, art. no. 9125878, pp. 117063-117079. Cited 3 times.

- 53) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087826502&doi=10.1109%2fACCESS.2020.3005084&partnerID=40&md5=10.1109/ACCESS.2020.3005084>
DOI: 10.1109/ACCESS.2020.3005084

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 54) Chen, T.-C.T.

[Production and transportation planning for a ubiquitous manufacturing system based on three-dimensional printing](#)

(2020) SpringerBriefs in Applied Sciences and Technology, pp. 63-81. Cited 1 time.

- 54) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087202658&doi=10.1007%2f978-3-030-49150-5_5&partnerID=40&md5=10.1007/978-3-030-49150-5_5
DOI: 10.1007/978-3-030-49150-5_5

Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

- 55) Xu, M., Wang, H., Xiao, S., Wang, W.

[Artificial Bee Colony Algorithm Based on New Search Strategy](#)

(2020) Communications in Computer and Information Science, 1205 CCIS, pp. 772-779.

- 55) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086073458&doi=10.1007%2f978-981-15-5577-0_62&partnerID=40&md5=10.1007/978-981-15-5577-0_62
DOI: 10.1007/978-981-15-5577-0_62

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 56) Mertens, A., Delahaye, J., Dedry, O., Vertruyen, B., Tchuindjang, J.T., Habraken, A.M.

[Microstructure and properties of SLM AISi10Mg: Understanding the influence of the local thermal history](#)

(2020) Procedia Manufacturing, 47, pp. 1089-1095. Cited 3 times.

- 56) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085511767&doi=10.1016%2fj.promfg.2020.04.121&partnerID=40&md5=10.1016/j.promfg.2020.04.121>

DOI: 10.1016/j.promfg.2020.04.121

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 57) Yuan, G., Yang, Y., Pham, D.T.

[Multiobjective Ecological Strategy Optimization for Two-Stage Disassembly Line Balancing with Constrained-Resource](#)

(2020) IEEE Access, 8, art. no. 9091508, pp. 88745-88758. Cited 2 times.

- 57) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085170850&doi=10.1109%2fACCESS.2020.2994065&partnerID=40&md5=fffc477fb7ecb0af579a88b9263def8d>

DOI: 10.1109/ACCESS.2020.2994065

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 58) Liu, F., Jingchao, W., Zhi, T., Bin, L., Yue, G., Zhang, D.Z.

[An aerospace integrated component application based on selective laser melting: Design, fabrication and FE simulation](#)

(2020) Solid Freeform Fabrication 2018: Proceedings of the 29th Annual International Solid Freeform

Fabrication Symposium - An Additive Manufacturing Conference, SFF 2018, pp. 488-499. Cited 1

time.

- 58) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084954927&partnerID=40&md5=fffc477fb7ecb0af579a88b9263def8d>

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 59) Pan, T., Karnati, S., Liou, F.

[General rules for pre-process planning in powder bed fusion system - A review](#)

(2020) Solid Freeform Fabrication 2018: Proceedings of the 29th Annual International Solid Freeform

Fabrication Symposium - An Additive Manufacturing Conference, SFF 2018, pp. 1161-1173. Cited 1

time.

- 59) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084950290&partnerID=40&md5=2de128b65ed4e84a28e010ca88e3dc>

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 60) Wang, H., Sheng, B., Lu, Q., Luo, R., Fu, G.

[A multi-objective cuckoo search algorithm based on the record matrix for a mixed-model assembly line car-sequencing problem](#)

(2020) IEEE Access, 8, art. no. 9076059, pp. 76453-76470.

- 60) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084821519&doi=10.1109%2fACCESS.2020.2989627&partnerID=40&md5=5eaf8f9d3684f4af9c42ea795271d7e6>
DOI: 10.1109/ACCESS.2020.2989627

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 61) Özbakır, L., Seçme, G.

[A hyper-heuristic approach for stochastic parallel assembly line balancing problems with equipment costs](#)

(2020) Operational Research, .

- 61) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083194798&doi=10.1007%2fs12351-020-00561-x&partnerID=40&md5=5eaf8f9d3684f4af9c42ea795271d7e6>
DOI: 10.1007/s12351-020-00561-x

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

- 62) Eguren, J.A., Esnaola, A., Unzueta, G.

[Modelling of an additive 3d-printing process based on design of experiments methodology](#)

(2020) Quality Innovation Prosperity, 24 (1), pp. 128-151. Cited 2 times.

- 62) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083173430&doi=10.12776%2fQIP.V24I1.1435&partnerID=40&md5=5eaf8f9d3684f4af9c42ea795271d7e6>
DOI: 10.12776/QIP.V24I1.1435

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 63) Seok, P.H., Son, N.D.

[AI 3D printing process parameters optimization](#)

(2020) ICAART 2020 - Proceedings of the 12th International Conference on Agents and Artificial Intelligence, 2, pp. 356-361.

- 63) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083106004&partnerID=40&md5=5eaf8f9d3684f4af9c42ea795271d7e6>
Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 64) Fera, M., Macchiaroli, R., Fruggiero, F., Lambiase, A.

[A modified tabu search algorithm for the single-machine scheduling problem using additive manufacturing technology](#)

(2020) International Journal of Industrial Engineering Computations, 11 (3), pp. 401-414. Cited 3 times.

- 64) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083017871&doi=10.5267%2fj.ijiec.2020.1.001&partnerID=40&md5=5c>
DOI: 10.5267/j.ijiec.2020.1.001

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 65) Belhadj, I., Trigui, M., Aifaoui, N., Benamara, A.

[From Assembly Planning to Secondary Assembly's Lines Identification](#)

(2020) Lecture Notes in Mechanical Engineering, pp. 1-11.

- 65) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083004036&doi=10.1007%2f978-3-030-27146-6_1&partnerID=40&md5=5c
DOI: 10.1007/978-3-030-27146-6_1

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 66) Lin, J.-T., Liu, H.-W., Chiu, Y.-C., Chen, K.-T., Cheng, D.-C.

[3-Wavelength \(UV, Blue, Red\) Controlled Photo-Confinement for 3D-Printing: Kinetics and Modeling](#)

(2020) IEEE Access, 8, art. no. 9027876, pp. 49353-49362. Cited 4 times.

- 66) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082301167&doi=10.1109%2fACCESS.2020.2979172&partnerID=40&md5=5c>
DOI: 10.1109/ACCESS.2020.2979172

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 67) Meng, K., Tang, Q., Zhang, Z., Qian, X.

[An Improved Lexicographical Whale Optimization Algorithm for the Type-II Assembly Line Balancing Problem Considering Preventive Maintenance Scenarios](#)

(2020) IEEE Access, 8, art. no. 8988259, pp. 30421-30435. Cited 4 times.

- 67) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079766262&doi=10.1109%2fACCESS.2020.2972619&partnerID=40&md5=10.1109/ACCESS.2020.2972619>
DOI: 10.1109/ACCESS.2020.2972619

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus

- 68) Eghtesadifard, M., Khalifeh, M., Khorram, M.
[A systematic review of research themes and hot topics in assembly line balancing through the web of science within 1990–2017](#)
(2020) Computers and Industrial Engineering, 139, art. no. 106182, . Cited 12 times.

- 68) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075844073&doi=10.1016%2fj.cie.2019.106182&partnerID=40&md5=10.1016/j.cie.2019.106182>
DOI: 10.1016/j.cie.2019.106182

Document Type: Article
Publication Stage: Final
Source: Scopus

- 69) Ge, J., Ma, T., Han, W., Yuan, T., Jin, T., Fu, H., Xiao, R., Lei, Y., Lin, J.
[Thermal-induced microstructural evolution and defect distribution of wire-arc additive manufacturing 2Cr13 part: Numerical simulation and experimental characterization](#)
(2019) Applied Thermal Engineering, 163, art. no. 114335, . Cited 8 times.

- 69) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071954314&doi=10.1016%2fj.applthermaleng.2019.114335&partnerID=40&md5=10.1016/j.applthermaleng.2019.114335>
DOI: 10.1016/j.applthermaleng.2019.114335

Document Type: Article
Publication Stage: Final
Source: Scopus

- 70) Fathollahi-Fard, A.M., Govindan, K., Hajiaghaei-Keshteli, M., Ahmadi, A.
[A green home health care supply chain: New modified simulated annealing algorithms](#)
(2019) Journal of Cleaner Production, 240, art. no. 118200, . Cited 63 times.

- 70) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071639294&doi=10.1016%2fj.jclepro.2019.118200&partnerID=40&md5=10.1016/j.jclepro.2019.118200>
DOI: 10.1016/j.jclepro.2019.118200

Document Type: Article
Publication Stage: Final
Source: Scopus

71) Plocher, J., Panesar, A.

[Review on design and structural optimisation in additive manufacturing: Towards next-generation lightweight structures](#)

(2019) Materials and Design, 183, art. no. 108164, . Cited 126 times.

71) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071563432&doi=10.1016%2fj.matdes.2019.108164&partnerID=40&md5=af5e40a1b1b1b1b1b1b1b1b1b1b1b1b1>

DOI: 10.1016/j.matdes.2019.108164

Document Type: Review

Publication Stage: Final

Access Type: Open Access

Source: Scopus

72) Zhang, J., Yao, X., Liu, M., Wang, Y.

[A Bayesian Discrete Optimization Algorithm for Permutation Based Combinatorial Problems](#)

(2019) 2019 IEEE Symposium Series on Computational Intelligence, SSCI 2019, art. no. 9002675,

pp. 874-881.

72) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080872516&doi=10.1109%2fSSCI44817.2019.9002675&partnerID=40&md5=af5e40a1b1b1b1b1b1b1b1b1b1b1b1b1>

DOI: 10.1109/SSCI44817.2019.9002675

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

73) Li, Z., Kuai, Z., Bai, P., Nie, Y., Fu, G., Liu, W., Yang, S.

[Microstructure and tensile properties of AlSi10Mg alloy manufactured by multi-laser beam selective laser melting \(SLM\)](#)

(2019) Metals, 9 (12), art. no. 1337, . Cited 8 times.

73) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076603721&doi=10.3390%2fmet9121337&partnerID=40&md5=a870a1b1b1b1b1b1b1b1b1b1b1b1b1b1>

DOI: 10.3390/met9121337

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

74) Yang, T., Xie, D., Yue, W., Wang, S., Rong, P., Shen, L., Zhao, J., Wang, C.

[Distortion of thin-walled structure fabricated by selective laser melting based on assumption of constraining force-induced distortion](#)

(2019) Metals, 9 (12), art. no. 1281, . Cited 4 times.

74) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076106876&doi=10.3390%2fmet9121281&partnerID=40&md5=af5e40a1b1b1b1b1b1b1b1b1b1b1b1b1>

DOI: 10.3390/met9121281

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 75) Cohen, Y., Faccio, M., Pilati, F., Yao, X.

[Design and management of digital manufacturing and assembly systems in the Industry 4.0 era](#)

(2019) International Journal of Advanced Manufacturing Technology, 105 (9), pp. 3565-3577. Cited

41 times.

- 75) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075373646&doi=10.1007%2fs00170-019-04595-0&partnerID=40&md5=>

DOI: 10.1007/s00170-019-04595-0

Document Type: Editorial

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 76) Liu, S., Chang, S., Zhu, H., Yin, J., Wang, T., Zeng, X.

[Effect of substrate material on the molten pool characteristics in selective laser melting of thin wall parts](#)

(2019) International Journal of Advanced Manufacturing Technology, 105 (7-8), pp. 3221-3231. Cited

1 time.

- 76) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075154170&doi=10.1007%2fs00170-019-04540-1&partnerID=40&md5=>

DOI: 10.1007/s00170-019-04540-1

Document Type: Article

Publication Stage: Final

Source: Scopus

- 77) Zhong, Y., Deng, Z., Xu, K.

[An effective artificial fish swarm optimization algorithm for two-sided assembly line balancing problems](#)

(2019) Computers and Industrial Engineering, 138, art. no. 106121, . Cited 9 times.

- 77) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073205024&doi=10.1016%2fj.cie.2019.106121&partnerID=40&md5=>

DOI: 10.1016/j.cie.2019.106121

Document Type: Article

Publication Stage: Final

Source: Scopus

78) Kong, W., Qiao, F., Wu, Q.

[A naive optimization method for multi-line systems with alternative machines](#)

(2019) Frontiers of Mechanical Engineering, 14 (4), pp. 377-392.

78) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070968181&doi=10.1007%2fs11465-019-0544-z&partnerID=40&md5=>

DOI: 10.1007/s11465-019-0544-z

Document Type: Article

Publication Stage: Final

Source: Scopus

79) Cohen, Y., Naseraldin, H., Chaudhuri, A., Pilati, F.

[Assembly systems in Industry 4.0 era: a road map to understand Assembly 4.0](#)

(2019) International Journal of Advanced Manufacturing Technology, 105 (9), pp. 4037-4054. Cited

49 times.

79) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070196804&doi=10.1007%2fs00170-019-04203-1&partnerID=40&md5=>

DOI: 10.1007/s00170-019-04203-1

Document Type: Article

Publication Stage: Final

Source: Scopus

80) Liang, X., Chen, Q., Cheng, L., Hayduke, D., To, A.C.

[Modified inherent strain method for efficient prediction of residual deformation in direct metal laser sintered components](#)

(2019) Computational Mechanics, 64 (6), pp. 1719-1733. Cited 21 times.

80) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068798297&doi=10.1007%2fs00466-019-01748-6&partnerID=40&md5=>

DOI: 10.1007/s00466-019-01748-6

Document Type: Article

Publication Stage: Final

Source: Scopus

81) Tan, Q., Tong, Y., Wu, S., Li, D.

[Modeling, planning, and scheduling of shop-floor assembly process with dynamic cyber-physical interactions: a case study for CPS-based smart industrial robot production](#)

(2019) International Journal of Advanced Manufacturing Technology, 105 (9), pp. 3979-3989. Cited 8 times.

81) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068756165&doi=10.1007%2fs00170-019-03940-7&partnerID=40&md5=>

DOI: 10.1007/s00170-019-03940-7

Document Type: Article
 Publication Stage: Final
 Source: Scopus

- 82) Li, Q., Zhang, D., Wang, S., Kucukkoc, I.

[A dynamic order acceptance and scheduling approach for additive manufacturing on-demand production](#)

(2019) International Journal of Advanced Manufacturing Technology, 105 (9), pp. 3711-3729. Cited 14 times.

- 82) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066051236&doi=10.1007%2fs00170-019-03796-x&partnerID=40&md5=DOI: 10.1007/s00170-019-03796-x](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066051236&doi=10.1007%2fs00170-019-03796-x&partnerID=40&md5=DOI:10.1007/s00170-019-03796-x)

Document Type: Article
 Publication Stage: Final
 Access Type: Open Access
 Source: Scopus

- 83) Li, Z., Janardhanan, M.N., Ashour, A.S., Dey, N.

[Mathematical models and migrating birds optimization for robotic U-shaped assembly line balancing problem](#)

(2019) Neural Computing and Applications, 31 (12), pp. 9095-9111. Cited 12 times.

- 83) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059277017&doi=10.1007%2fs00521-018-3957-4&partnerID=40&md5=DOI: 10.1007/s00521-018-3957-4](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059277017&doi=10.1007%2fs00521-018-3957-4&partnerID=40&md5=DOI:10.1007/s00521-018-3957-4)

Document Type: Article
 Publication Stage: Final
 Source: Scopus

- 84) Kucukkoc, I., Buyukozkan, K., Satoglu, S.I., Zhang, D.Z.

[A mathematical model and artificial bee colony algorithm for the lexicographic bottleneck mixed-model assembly line balancing problem](#)

(2019) Journal of Intelligent Manufacturing, 30 (8), pp. 2913-2925. Cited 15 times.

- 84) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941661819&doi=10.1007%2fs10845-015-1150-5&partnerID=40&md5=DOI: 10.1007/s10845-015-1150-5](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941661819&doi=10.1007%2fs10845-015-1150-5&partnerID=40&md5=DOI:10.1007/s10845-015-1150-5)

Document Type: Article
 Publication Stage: Final
 Source: Scopus

- 85) de Souza, A.F., Al-Rubaie, K.S., Marques, S., Zluhan, B., Santos, E.C.

Effect of laser speed, layer thickness, and part position on the mechanical properties of maraging 300 parts manufactured by selective laser melting

(2019) Materials Science and Engineering A, 767, art. no. 138425, . Cited 19 times.

- 85) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072292498&doi=10.1016%2fj.msea.2019.138425&partnerID=40&md5=10.1016/j.msea.2019.138425>
DOI: 10.1016/j.msea.2019.138425

Document Type: Article

Publication Stage: Final

Source: Scopus

- 86) Bosio, F., Aversa, A., Lorusso, M., Marola, S., Gianoglio, D., Battezzati, L., Fino, P., Manfredi, D., Lombardi, M.

A time-saving and cost-effective method to process alloys by Laser Powder Bed Fusion

(2019) Materials and Design, 181, art. no. 107949, . Cited 16 times.

- 86) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067586112&doi=10.1016%2fj.matdes.2019.107949&partnerID=40&md5=10.1016/j.matdes.2019.107949>
DOI: 10.1016/j.matdes.2019.107949

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 87) Li, Z., Kucukkoc, I., Zhang, Z.

Iterated local search method and mathematical model for sequence-dependent U-shaped disassembly line balancing problem

(2019) Computers and Industrial Engineering, 137, art. no. 106056, . Cited 9 times.

- 87) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072849674&doi=10.1016%2fj.cie.2019.106056&partnerID=40&md5=10.1016/j.cie.2019.106056>
DOI: 10.1016/j.cie.2019.106056

Document Type: Article

Publication Stage: Final

Source: Scopus

- 88) Li, Z., Janardhanan, M.N., Tang, Q., Ponnambalam, S.G.

Model and metaheuristics for robotic two-sided assembly line balancing problems with setup times

(2019) Swarm and Evolutionary Computation, 50, art. no. 100567, . Cited 13 times.

- 88) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071723046&doi=10.1016%2fj.swevo.2019.100567&partnerID=40&md5=10.1016/j.swevo.2019.100567>
DOI: 10.1016/j.swevo.2019.100567

Document Type: Article

Publication Stage: Final

Source: Scopus

- 89) Janardhanan, M.N., Li, Z., Nielsen, P.

[Model and migrating birds optimization algorithm for two-sided assembly line worker assignment and balancing problem](#)

(2019) Soft Computing, 23 (21), pp. 11263-11276. Cited 9 times.

- 89) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058026922&doi=10.1007%2fs00500-018-03684-8&partnerID=40&md5=10.1007/s00500-018-03684-8>
DOI: 10.1007/s00500-018-03684-8

Document Type: Article

Publication Stage: Final

Source: Scopus

- 90) Zhang, Z., Tang, Q., Han, D., Li, Z.

[Enhanced migrating birds optimization algorithm for U-shaped assembly line balancing problems with workers assignment](#)

(2019) Neural Computing and Applications, 31 (11), pp. 7501-7515. Cited 20 times.

- 90) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049123414&doi=10.1007%2fs00521-018-3596-9&partnerID=40&md5=10.1007/s00521-018-3596-9>
DOI: 10.1007/s00521-018-3596-9

Document Type: Article

Publication Stage: Final

Source: Scopus

- 91) Nemtinov, V., Kryuchin, N., Kryuchin, A., Nemtinova, Y.

[Design and study of seeding devices for small selection seeding machines](#)

(2019) E3S Web of Conferences, 126, art. no. 00008, . Cited 2 times.

- 91) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074954068&doi=10.1051%2fe3sconf%2f201912600008&partnerID=40&md5=10.1051/e3sconf/201912600008>
DOI: 10.1051/e3sconf/201912600008

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 92) Zhang, L., Song, B., Zhao, A., Liu, R., Yang, L., Shi, Y.

[Study on mechanical properties of honeycomb pentamode structures fabricated by laser additive manufacturing: Numerical simulation and experimental verification](#)

(2019) Composite Structures, 226, art. no. 111199, . Cited 26 times.

- 92) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068999016&doi=10.1016%2fj.compstruct.2019.111199&partnerID=40&md5=10.1016/j.compstruct.2019.111199>

DOI: 10.1016/j.compstruct.2019.111199

Document Type: Article

Publication Stage: Final

Source: Scopus

- 93) Zhang, P., He, A.N., Liu, F., Zhang, K., Jiang, J., Zhang, D.Z.

[Evaluation of low cycle fatigue performance of selective laser melted titanium alloy Ti-6Al-4V](#)

(2019) Metals, 9 (10), art. no. 1041, . Cited 7 times.

- 93) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073436275&doi=10.3390%2fmet9101041&partnerID=40&md5=bf8b13>

DOI: 10.3390/met9101041

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 94) Chen, C., Yin, J., Zhu, H., Xiao, Z., Zhang, L., Zeng, X.

[Effect of overlap rate and pattern on residual stress in selective laser melting](#)

(2019) International Journal of Machine Tools and Manufacture, 145, art. no. 103433, . Cited 34

times.

- 94) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069813620&doi=10.1016%2fj.ijmachtools.2019.103433&partnerID=40>

DOI: 10.1016/j.ijmachtools.2019.103433

Document Type: Article

Publication Stage: Final

Source: Scopus

- 95) Liu, H., Qin, X., Wu, M., Ni, M., Huang, S.

[Numerical simulation of thermal and stress field of single track cladding in wide-beam laser cladding](#)

(2019) International Journal of Advanced Manufacturing Technology, 104 (9-12), pp. 3959-3976.

Cited 5 times.

- 95) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069657661&doi=10.1007%2fs00170-019-04056-8&partnerID=40&md5>

DOI: 10.1007/s00170-019-04056-8

Document Type: Article

Publication Stage: Final

Source: Scopus

- 96) Zhang, N., Zhang, L.-C., Chen, Y., Shi, Y.-S.

Local Barycenter Based Efficient Tree-Support Generation for 3D Printing

(2019) CAD Computer Aided Design, 115, pp. 277-292. Cited 8 times.

- 96) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067967310&doi=10.1016%2fj.cad.2019.06.004&partnerID=40&md5=1>
DOI: 10.1016/j.cad.2019.06.004

Document Type: Article

Publication Stage: Final

Source: Scopus

- 97) Chen, C., Yin, J., Zhu, H., Zeng, X., Wang, G., Ke, L., Zhu, J., Chang, S.
[The effect of process parameters on the residual stress of selective laser melted Inconel 718 thin-walled part](#)

(2019) Rapid Prototyping Journal, 25 (8), pp. 1359-1369. Cited 10 times.

- 97) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070373759&doi=10.1108%2fRPJ-09-2018-0249&partnerID=40&md5=1>
DOI: 10.1108/RPJ-09-2018-0249

Document Type: Article

Publication Stage: Final

Source: Scopus

- 98) Li, Y., Su, K., Bai, P., Wu, L., Liu, B., Su, H., Du, W.
[Effect of TiBCN Content on Microstructure and Properties of Laser Cladding Ti/TiBCN Composite Coatings](#)

(2019) Metals and Materials International, 25 (5), pp. 1366-1377. Cited 4 times.

- 98) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070672386&doi=10.1007%2fs12540-019-00287-2&partnerID=40&md5=1>
DOI: 10.1007/s12540-019-00287-2

Document Type: Article

Publication Stage: Final

Source: Scopus

- 99) Rabbani, M., Aliabadi, L., Farrokhi-Asl, H.
[A multi-objective mixed model two-sided assembly line sequencing problem in a make -to- order environment with customer order prioritization](#)

(2019) Journal of Optimization in Industrial Engineering, 12 (2), pp. 1-20. Cited 3 times.

- 99) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085390472&doi=10.22094%2fJOIE.2018.680.1436&partnerID=40&md5=1>
DOI: 10.22094/JOIE.2018.680.1436

Document Type: Article

Publication Stage: Final

Source: Scopus

100) Dolgui, A., Petroodi, S.E.H., Kovalev, S., Kovalyov, M.Y., Thevenin, S.

[Workforce planning and assignment in mixed-model assembly lines as a factor of line reconfigurability: State of the art](#)

(2019) IFAC-PapersOnLine, 52 (13), pp. 2746-2751. Cited 5 times.

100) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078921375&doi=10.1016%2fj.ifacol.2019.11.623&partnerID=40&md5=>
DOI: 10.1016/j.ifacol.2019.11.623

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

101) Li, Q., Zhang, D., Kucukkoc, I.

[Order acceptance and scheduling in direct digital manufacturing with additive manufacturing](#)

(2019) IFAC-PapersOnLine, 52 (13), pp. 1016-1021. Cited 3 times.

101) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078898939&doi=10.1016%2fj.ifacol.2019.11.328&partnerID=40&md5=>
DOI: 10.1016/j.ifacol.2019.11.328

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

102) Lingitz, L., Gallina, V., Kardos, C., Koltai, T., Sihn, W.

[Balancing non-bottleneck stations using simple assembly line balancing models](#)

(2019) IFAC-PapersOnLine, 52 (13), pp. 1432-1437.

102) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078896993&doi=10.1016%2fj.ifacol.2019.11.400&partnerID=40&md5=>
DOI: 10.1016/j.ifacol.2019.11.400

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

103) Zhang, L., Zhu, H., Zhang, S., Wang, G., Zeng, X.

[Fabricating high dimensional accuracy LPBFed Ti6Al4V part by using bi-parameter method](#)

(2019) Optics and Laser Technology, 117, pp. 79-86. Cited 7 times.

103) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064122712&doi=10.1016%2fj.optlastec.2019.04.009&partnerID=40&md5=>
DOI: 10.1016/j.optlastec.2019.04.009

Document Type: Article

Publication Stage: Final

Source: Scopus

- 104) Dhiman, S., Sidhu, S.S., Bains, P.S., Bahraminasab, M.

[Mechanobiological assessment of Ti-6Al-4V fabricated via selective laser melting technique: a review](#)

(2019) Rapid Prototyping Journal, 25 (7), pp. 1266-1284. Cited 11 times.

- 104) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070401073&doi=10.1108%2fRPJ-03-2019-0057&partnerID=40&md5=>
DOI: 10.1108/RPJ-03-2019-0057

Document Type: Review

Publication Stage: Final

Source: Scopus

- 105) Kazemi, M., Rahimi, A.

[Improving the efficiency of fabrication of AM parts by segmentation design in DLP process](#)

(2019) Rapid Prototyping Journal, 25 (7), pp. 1155-1168.

- 105) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070331874&doi=10.1108%2fRPJ-09-2018-0253&partnerID=40&md5=>
DOI: 10.1108/RPJ-09-2018-0253

Document Type: Article

Publication Stage: Final

Source: Scopus

- 106) Pant, M., Sood, M., Dixit, A., Garg, S.

[Design of Manufacturing, Control, and Automation Systems](#)

(2019) Advances in Applied Mathematical Analysis and Applications, pp. 159-177.

- 106) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106633614&partnerID=40&md5=3e88b4f690b8554b084297ee406998>
Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

- 107) Delahaye, J., Tchuindjang, J.T., Lecomte-Beckers, J., Rigo, O., Habraken, A.M., Mertens, A.

[Influence of Si precipitates on fracture mechanisms of AISi10Mg parts processed by Selective Laser Melting](#)

(2019) Acta Materialia, 175, pp. 160-170. Cited 58 times.

- 107) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067276888&doi=10.1016%2fj.actamat.2019.06.013&partnerID=40&md5=>
DOI: 10.1016/j.actamat.2019.06.013

Document Type: Article

Publication Stage: Final

Source: Scopus

- 108) Baci, A.M., Bejinariu, C., Corăbieru, A., Mihalache, E., Lupu-Polici, M., Baci, C., Baci, E.R.
[Influence of process parameters for Selective Laser Melting on the roughness of 3D printed surfaces in Co-Cr dental alloy powder](#)
 (2019) IOP Conference Series: Materials Science and Engineering, 572 (1), art. no. 012054, . Cited 3 times.

108) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070570227&doi=10.1088%2f1757-899X%2f572%2f1%2f012054&partnerID=40&md5=10.1088/1757-899X/572/1/012054>
 DOI: 10.1088/1757-899X/572/1/012054

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 109) Majumdar, T., Bazin, T., Ribeiro, E.M.C., Frith, J.E., Birbilis, N.
[Understanding the effects of PBF process parameter interplay on Ti-6Al-4V surface properties](#)
 (2019) PLoS ONE, 14 (8), art. no. e0221198, . Cited 6 times.

109) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071396794&doi=10.1371%2fjournal.pone.0221198&partnerID=40&md5=10.1371/journal.pone.0221198>
 DOI: 10.1371/journal.pone.0221198

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 110) Ab Rashid, M.F.F., Tiwari, A., Hutabarat, W.
[Integrated optimization of mixed-model assembly sequence planning and line balancing using Multi-objective Discrete Particle Swarm Optimization](#)
 (2019) Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 33 (3), pp. 332-345. Cited 6 times.

110) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065406672&doi=10.1017%2fS0890060419000131&partnerID=40&md5=10.1017/S0890060419000131>
 DOI: 10.1017/S0890060419000131

Document Type: Article

Publication Stage: Final

Source: Scopus

- 111) Wang, Y., Zheng, P., Xu, X., Yang, H., Zou, J.
[Production planning for cloud-based additive manufacturing—A computer vision-based approach](#)

(2019) Robotics and Computer-Integrated Manufacturing, 58, pp. 145-157. Cited 19 times.

- 111) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062502010&doi=10.1016%2fj.rcim.2019.03.003&partnerID=40&md5=3>
DOI: 10.1016/j.rcim.2019.03.003

Document Type: Article

Publication Stage: Final

Source: Scopus

- 112) He, M.-F., Xing, L.-N., Li, W., Xiang, S., Tan, X.

[Double layer programming model to the scheduling of remote sensing data processing tasks](#)

(2019) Discrete and Continuous Dynamical Systems - Series S, 12 (4-5), pp. 1515-1526.

- 112) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062013753&doi=10.3934%2fdcdss.2019104&partnerID=40&md5=fbb>
DOI: 10.3934/dcdss.2019104

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 113) Yuan, M., Yu, H., Huang, J., Ji, A.

[Reconfigurable assembly line balancing for cloud manufacturing](#)

(2019) Journal of Intelligent Manufacturing, 30 (6), pp. 2391-2405. Cited 9 times.

- 113) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041898774&doi=10.1007%2fs10845-018-1398-7&partnerID=40&md5=3>
DOI: 10.1007/s10845-018-1398-7

Document Type: Article

Publication Stage: Final

Source: Scopus

- 114) Maiyar, L.M., Singh, S., Prabhu, V., Tiwari, M.K.

[Part segregation based on particle swarm optimisation for assembly design in additive manufacturing](#)

(2019) International Journal of Computer Integrated Manufacturing, 32 (7), pp. 705-722. Cited 6 times.

- 114) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065329373&doi=10.1080%2f0951192X.2019.1610577&partnerID=40&md5=3>
DOI: 10.1080/0951192X.2019.1610577

Document Type: Article

Publication Stage: Final

Source: Scopus

115) Jiang, J., Hu, G., Li, X., Xu, X., Zheng, P., Stringer, J.

[Analysis and prediction of printable bridge length in fused deposition modelling based on back propagation neural network](#)

(2019) Virtual and Physical Prototyping, 14 (3), pp. 253-266. Cited 46 times.

115) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061443474&doi=10.1080%2f17452759.2019.1576010&partnerID=40&DOI=10.1080/17452759.2019.1576010>

Document Type: Article

Publication Stage: Final

Source: Scopus

116) Kuliaev, V., Atmojo, U.D., Sierla, S., Blech, J.O., Vyatkin, V.

[Towards product centric manufacturing: From digital twins to product assembly](#)

(2019) IEEE International Conference on Industrial Informatics (INDIN), 2019-July, art. no. 8972137, pp. 164-171. Cited 13 times.

116) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079029996&doi=10.1109%2fINDIN41052.2019.8972137&partnerID=40&DOI=10.1109/INDIN41052.2019.8972137>

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

117) Chen, J.C., Chen, Y.-Y., Chen, T.-L., Kuo, Y.-H.

[Applying two-phase adaptive genetic algorithm to solve multi-model assembly line balancing problems in TFT-LCD module process](#)

(2019) Journal of Manufacturing Systems, 52, pp. 86-99. Cited 11 times.

117) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066793068&doi=10.1016%2fj.jmsy.2019.05.009&partnerID=40&md5=40&DOI=10.1016/j.jmsy.2019.05.009>

Document Type: Article

Publication Stage: Final

Source: Scopus

118) Özcan, U.

[Balancing and scheduling tasks in parallel assembly lines with sequence-dependent setup times](#)

(2019) International Journal of Production Economics, 213, pp. 81-96. Cited 13 times.

118) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063257738&doi=10.1016%2fj.ijpe.2019.02.023&partnerID=40&md5=40&DOI=10.1016/j.ijpe.2019.02.023>

Document Type: Article

Publication Stage: Final

Source: Scopus

119) Duan, X., Wu, B., Hu, Y., Liu, J., Xiong, J.

[An improved artificial bee colony algorithm with MaxTF heuristic rule for two-sided assembly line balancing problem](#)

(2019) Frontiers of Mechanical Engineering, 14 (2), pp. 241-253. Cited 7 times.

119) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049667832&doi=10.1007%2fs11465-018-0518-6&partnerID=40&md5=7b11465-018-0518-6>
DOI: 10.1007/s11465-018-0518-6

Document Type: Article

Publication Stage: Final

Source: Scopus

120) Yadav, A., Agrawal, S.

[Minimize idle time in two sided assembly line balancing using exact search approach](#)

(2019) ACM International Conference Proceeding Series, pp. 220-227. Cited 1 time.

120) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070998409&doi=10.1145%2f3335550.3335591&partnerID=40&md5=7b1145-3335550.3335591>
DOI: 10.1145/3335550.3335591

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

121) Kucukkoc, I.

[MILP models to minimise makespan in additive manufacturing machine scheduling problems](#)

(2019) Computers and Operations Research, 105, pp. 58-67. Cited 26 times.

121) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060104392&doi=10.1016%2fj.cor.2019.01.006&partnerID=40&md5=7b1016-j.cor.2019.01.006>
DOI: 10.1016/j.cor.2019.01.006

Document Type: Article

Publication Stage: Final

Source: Scopus

122) Lin, K., Yuan, L., Gu, D.

[Influence of laser parameters and complex structural features on the bio-inspired complex thin-wall structures fabricated by selective laser melting](#)

(2019) Journal of Materials Processing Technology, 267, pp. 34-43. Cited 19 times.

122) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057627314&doi=10.1016%2fj.jmatprotec.2018.12.004&partnerID=40&md5=7b1016-j.jmatprotec.2018.12.004>
DOI: 10.1016/j.jmatprotec.2018.12.004

Document Type: Article
 Publication Stage: Final
 Source: Scopus

- 123) Zhang, H., Guo, Y., Jiang, K., Bourell, D., Li, J., Yu, Y.
[Characterization and optimization of laser sintering copolyamide/polyether sulfone hot-melt adhesive mixtures](#)
 (2019) Rapid Prototyping Journal, 25 (3), pp. 614-622. Cited 2 times.

123) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058855524&doi=10.1108%2fRPJ-12-2017-0245&partnerID=40&md5=>
 DOI: 10.1108/RPJ-12-2017-0245

Document Type: Article
 Publication Stage: Final
 Source: Scopus

- 124) Bakar, N.A., Ramli, M.F., Zakaria, M.Z., Sin, T.C., Masran, H.
[Minimization of Bottleneck and Workstations for Assembly Line Balancing Problem in Power Transformer Manufacturing Using Heuristics](#)
 (2019) 2018 IEEE 5th International Conference on Smart Instrumentation, Measurement and Application, ICSIMA 2018, art. no. 8688780, .

124) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065027602&doi=10.1109%2fICSIMA.2018.8688780&partnerID=40&md5=>
 DOI: 10.1109/ICSIMA.2018.8688780

Document Type: Conference Paper
 Publication Stage: Final
 Source: Scopus

- 125) Mohammed, F.D., Juin, T.W., Zakaria, M.Z., Ramli, M.F.
[A Mathematical Model for Two-sided Assembly Line Balancing Problem in Motorcycle Production](#)
 (2019) 2018 IEEE 5th International Conference on Smart Instrumentation, Measurement and Application, ICSIMA 2018, art. no. 8688771, .

125) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065013716&doi=10.1109%2fICSIMA.2018.8688771&partnerID=40&md5=>
 DOI: 10.1109/ICSIMA.2018.8688771

Document Type: Conference Paper
 Publication Stage: Final
 Source: Scopus

- 126) Wah Law, E.K., Yung, W.K.C.
[Multi-objective ant colony optimization for production line balance and dynamic complexity](#)

(2019) 2019 IEEE 4th International Conference on Cloud Computing and Big Data Analytics, ICCCBDA 2019, art. no. 8725636, pp. 284-289.

- 126) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067489090&doi=10.1109%2fICCCBDA.2019.8725636&partnerID=40&md5=10.1109/ICCCBDA.2019.8725636>
DOI: 10.1109/ICCCBDA.2019.8725636

Document Type: Conference Paper
Publication Stage: Final
Source: Scopus

- 127) Yadav, A., Agrawal, S.
[A multi-manned parallel two-sided assembly line balancing with tool sharing approach-a company case study solved by exact solution approach](#)
(2019) International Journal of Mechanical and Production Engineering Research and Development, 9 (2), art. no. IJMPERDAPR20195, pp. 51-60. Cited 1 time.

- 127) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063936911&doi=10.24247%2fijmperdapr201905&partnerID=40&md5=10.24247/ijmperdapr201905>
DOI: 10.24247/ijmperdapr201905

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus

- 128) Romero-Silva, R., Shaaban, S.
[Influence of unbalanced operation time means and uneven buffer allocation on unreliable merging assembly line efficiency](#)
(2019) International Journal of Production Research, 57 (6), pp. 1645-1666. Cited 8 times.

- 128) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049922418&doi=10.1080%2f00207543.2018.1495344&partnerID=40&md5=10.1080/00207543.2018.1495344>
DOI: 10.1080/00207543.2018.1495344

Document Type: Article
Publication Stage: Final
Source: Scopus

- 129) Garshasbi, S., Mohammadi, Y., Graf, S., Garshasbi, S., Shen, J.
[Optimal learning group formation: A multi-objective heuristic search strategy for enhancing inter-group homogeneity and intra-group heterogeneity](#)
(2019) Expert Systems with Applications, 118, pp. 506-521. Cited 4 times.

- 129) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055208792&doi=10.1016%2fj.eswa.2018.10.034&partnerID=40&md5=10.1016/j.eswa.2018.10.034>
DOI: 10.1016/j.eswa.2018.10.034

Document Type: Article
 Publication Stage: Final
 Source: Scopus

130) Law, E.K.W., Yung, W.K.C.

[Optimizing control dynamic complexity and production schedule](#)

(2019) International Journal on Interactive Design and Manufacturing, 13 (1), pp. 47-58. Cited 1 time.

130) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048136510&doi=10.1007%2fs12008-018-0488-2&partnerID=40&md5=85048136510>
 DOI: 10.1007/s12008-018-0488-2

Document Type: Article
 Publication Stage: Final
 Source: Scopus

131) Razali, M.M., Kamarudin, N.H., Ab. Rashid, M.F.F., Mohd Rose, A.N.

[Recent trend in mixed-model assembly line balancing optimization using soft computing approaches](#)

(2019) Engineering Computations (Swansea, Wales), 36 (2), pp. 622-645. Cited 3 times.

131) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060144576&doi=10.1108%2fEC-05-2018-0205&partnerID=40&md5=85060144576>
 DOI: 10.1108/EC-05-2018-0205

Document Type: Review
 Publication Stage: Final
 Source: Scopus

132) Yang, M.S., Ba, L., Liu, Y., Zheng, H.Y., Yan, J.T., Gao, X.Q., Xiao, J.M.

[An improved genetic simulated annealing algorithm for stochastic two-sided assembly line balancing problem](#)

(2019) International Journal of Simulation Modelling, 18 (1), pp. 175-186. Cited 9 times.

132) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068014547&doi=10.2507%2fIJSIMM18%281%29CO4&partnerID=40&md5=85068014547>
 DOI: 10.2507/IJSIMM18(1)CO4

Document Type: Article
 Publication Stage: Final
 Access Type: Open Access
 Source: Scopus

133) Chutima, P., Suchanun, T.

[Productivity improvement with parallel adjacent U-shaped assembly lines](#)

(2019) Advances in Production Engineering And Management, 14 (1), pp. 51-64. Cited 5 times.

133) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064517213&doi=10.14743%2fapem2019.1.311&partnerID=40&md5=85064517213>

DOI: 10.14743/apem2019.1.311

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

134) Mao, X.

[Study on ant colony optimization algorithm for “one-day tour” traffic line](#)

(2019) Cluster Computing, 22, pp. 3673-3680. Cited 1 time.

134) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043390715&doi=10.1007%2fs10586-018-2217-9&partnerID=40&md5=>

DOI: 10.1007/s10586-018-2217-9

Document Type: Article

Publication Stage: Final

Source: Scopus

135) Zhao, Z., Li, J., Bai, P., Qu, H., Liang, M., Liao, H., Wu, L., Huo, P., Liu, H., Zhang, J.

[Microstructure and mechanical properties of tic-reinforced 316l stainless steel composites fabricated using selective laser melting](#)

(2019) Metals, 9 (2), art. no. 267, . Cited 47 times.

135) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062729702&doi=10.3390%2fmet9020267&partnerID=40&md5=bb064>

DOI: 10.3390/met9020267

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

136) Li, J., Zhao, Z., Bai, P., Qu, H., Liu, B., Li, L., Wu, L., Guan, R., Liu, H., Guo, Z.

[Microstructural evolution and mechanical properties of IN718 alloy fabricated by selective laser melting following different heat treatments](#)

(2019) Journal of Alloys and Compounds, 772, pp. 861-870. Cited 67 times.

136) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053529549&doi=10.1016%2fj.jallcom.2018.09.200&partnerID=40&md5=>

DOI: 10.1016/j.jallcom.2018.09.200

Document Type: Article

Publication Stage: Final

Source: Scopus

137) AlFaify, A., Hughes, J., Ridgway, K.

Controlling the porosity of 316L stainless steel parts manufactured via the powder bed fusion process

(2019) Rapid Prototyping Journal, 25 (1), pp. 162-175. Cited 11 times.

- 137) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056990607&doi=10.1108%2fRPJ-11-2017-0226&partnerID=40&md5=>
DOI: 10.1108/RPJ-11-2017-0226

Document Type: Article

Publication Stage: Final

Source: Scopus

- 138) Achim, K., Johannes, T., Sebastian, K.

A framework for implementation of 3D-printing of manufacturing equipment

(2019) Proceedings of the 2018 IEEE International Conference on Advanced Manufacturing, ICAM

2018, art. no. 8614948, pp. 53-56. Cited 2 times.

- 138) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062242732&doi=10.1109%2fAMCON.2018.8614948&partnerID=40&md5=>
DOI: 10.1109/AMCON.2018.8614948

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 139) Liu, H., Li, M., Qin, X., Huang, S., Hong, F.

Numerical simulation and experimental analysis of wide-beam laser cladding

(2019) International Journal of Advanced Manufacturing Technology, 100 (1-4), pp. 237-249. Cited 17 times.

- 139) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053831785&doi=10.1007%2fs00170-018-2740-0&partnerID=40&md5=>
DOI: 10.1007/s00170-018-2740-0

Document Type: Article

Publication Stage: Final

Source: Scopus

- 140) Li, Y., Wang, H., Yang, Z.

Type II assembly line balancing problem with multi-operators

(2019) Neural Computing and Applications, 31, pp. 347-357. Cited 7 times.

- 140) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055969276&doi=10.1007%2fs00521-018-3834-1&partnerID=40&md5=>
DOI: 10.1007/s00521-018-3834-1

Document Type: Article

Publication Stage: Final

Source: Scopus

141) Dourvas, N.I., Sirakoulis, G.C.H., Adamatzky, A.I.

[Parallel Accelerated Virtual Physarum Lab Based on Cellular Automata Agents](#)

(2019) IEEE Access, 7, art. no. 8758416, pp. 98306-98318. Cited 5 times.

141) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090039670&doi=10.1109%2fACCESS.2019.2927815&partnerID=40&md5=d8b95d3b0412b1768c179bd55be1d4>

DOI: 10.1109/ACCESS.2019.2927815

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

142) Manco, P., MacChiaroli, R., Maresca, P., Fera, M.

[The additive manufacturing operations management maturity: A closed or an open issue?](#)

(2019) Procedia Manufacturing, 41, pp. 98-105. Cited 3 times.

142) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084287804&partnerID=40&md5=d8b95d3b0412b1768c179bd55be1d4>

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

143) Guo, K., Qiao, L.H., Huang, Z.C.

[The effects of additive manufacturing process factors on component geometric shape deviation: A review](#)

(2019) Proceedings of International Conference on Computers and Industrial Engineering, CIE,

2019-October, .

143) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079507924&partnerID=40&md5=7743316121fa1769244823914f3c025>

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

144) Yadav, A., Verma, P., Agrawal, S.

[Minimizing length in a mixed model two sided assembly line using exact search method](#)

(2019) Management and Production Engineering Review, 10 (4), pp. 72-80.

144) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078623563&doi=10.24425%2fmper.2019.131447&partnerID=40&md5=10.24425/mper.2019.131447>

DOI: 10.24425/mper.2019.131447

Document Type: Article

Publication Stage: Final

Source: Scopus

145) Alonso, M., Brunete, A., Hernando, M., Gambao, E.

Background-Subtraction Algorithm Optimization for Home Camera-Based Night-Vision Fall Detectors

(2019) IEEE Access, 7, art. no. 8876591, pp. 152399-152411. Cited 6 times.

145) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078325977&doi=10.1109%2fACCESS.2019.2948321&partnerID=40&r>
DOI: 10.1109/ACCESS.2019.2948321

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

146) Wang, J.-Y.

Algorithms for minimizing resource consumption over multiple machines with a common due window

(2019) IEEE Access, 7, art. no. 8917637, pp. 172136-172151. Cited 1 time.

146) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078236706&doi=10.1109%2fACCESS.2019.2956551&partnerID=40&r>
DOI: 10.1109/ACCESS.2019.2956551

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

147) Nourmohammadi, A., Fathi, M., Zandieh, M., Ghobakhloo, M.

A water-flow like algorithm for solving U-shaped assembly line balancing problems

(2019) IEEE Access, 7, art. no. 8825795, pp. 129824-129833. Cited 7 times.

147) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077986702&doi=10.1109%2fACCESS.2019.2939724&partnerID=40&r>
DOI: 10.1109/ACCESS.2019.2939724

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

148) Oh, Y., Behdad, S.

An optimal quantity of scheduling model for mass customization-based additive manufacturing

(2019) Proceedings of the ASME Design Engineering Technical Conference, 2A-2019, .

148) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076456485&doi=10.1115%2fDETC2019-97913&partnerID=40&md5=b>
DOI: 10.1115/DETC2019-97913

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

149) Prabhu, S.R., Ilankumaran, M.

[Decision making methodology for the selection of 3D printer under fuzzy environment](#)

(2019) International Journal of Materials and Product Technology, 59 (3), pp. 239-252. Cited 1 time.

149) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074251566&doi=10.1504%2fIJMPT.2019.102935&partnerID=40&md5=>

DOI: 10.1504/IJMPT.2019.102935

Document Type: Article

Publication Stage: Final

Source: Scopus

150) Kharuddin, M.H., Ramli, M.F., Masran, M.H.

[Line balancing using heuristic procedure and simulation of assembly line](#)

(2019) Indonesian Journal of Electrical Engineering and Computer Science, 17 (2), pp. 774-782.

150) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073836200&doi=10.11591%2fijeecs.v17.i2.pp774-782&partnerID=40&md5=>

DOI: 10.11591/ijeecs.v17.i2.pp774-782

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

151) Bakar, N.A., Ramli, M.F., Zakaria, M.Z., Sin, T.C., Masran, H.

[Solving assembly line balancing problem using heuristic: A case study of power transformer in electrical industry](#)

(2019) Indonesian Journal of Electrical Engineering and Computer Science, 17 (2), pp. 850-857.

Cited 1 time.

151) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073828404&doi=10.11591%2fijeecs.v17.i2.pp850-857&partnerID=40&md5=>

DOI: 10.11591/ijeecs.v17.i2.pp850-857

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

152) Sarwar, F.

[Multi-objective assembly line balancing problem under uncertainty using genetic algorithm](#)

(2019) International Journal of Services and Operations Management, 34 (1), pp. 33-47.

152) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072046279&doi=10.1504%2fIJSOM.2019.102030&partnerID=40&md5=>

DOI: 10.1504/IJSOM.2019.102030

Document Type: Article

Publication Stage: Final

Source: Scopus

- 153) Nourmohammadi, A., Fathi, M., Ng, A.H.C.

[Choosing efficient meta-heuristics to solve the assembly line balancing problem: A landscape analysis approach](#)

(2019) Procedia CIRP, 81, pp. 1248-1253. Cited 1 time.

- 153) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068480053&doi=10.1016%2fj.procir.2019.03.302&partnerID=40&md5=>

DOI: 10.1016/j.procir.2019.03.302

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 154) Jiao, Y., Xing, X., Zhu, C., Xu, L., Zou, L.

[Modified Ranked Positional Weight Technique for Assembly Line Balance of Simple Line and U-shape \[Article@简单直线和U型装配线平衡中的改进阶位法\]](#)

(2019) Tongji Daxue Xuebao/Journal of Tongji University, 47 (1), pp. 143-148. Cited 1 time.

- 154) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066752769&doi=10.11908%2fj.issn.0253-374x.2019.01.019&partnerID=>

DOI: 10.11908/j.issn.0253-374x.2019.01.019

Document Type: Article

Publication Stage: Final

Source: Scopus

- 155) Piscopo, G., Atzeni, E., Calignano, F., Galati, M., Iuliano, L., Minetola, P., Salmi, A.

[Machining induced residual stresses in AISi10Mg component produced by Laser Powder Bed Fusion \(L-PBF\)](#)

(2019) Procedia CIRP, 79, pp. 101-106. Cited 5 times.

- 155) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065401939&doi=10.1016%2fj.procir.2019.02.019&partnerID=40&md5=>

DOI: 10.1016/j.procir.2019.02.019

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 156) Li, Y., Fu, Y., Tang, X., Hu, X.

[Optimizing the Reliability and Efficiency for an Assembly Line That Considers Uncertain Task Time Attributes](#)

(2019) IEEE Access, 7, art. no. 8635448, pp. 34121-34130. Cited 4 times.

- 156) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063904374&doi=10.1109%2fACCESS.2019.2897730&partnerID=40&md5=10.1109/ACCESS.2019.2897730>
DOI: 10.1109/ACCESS.2019.2897730

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus

- 157) Fathi, M., Nourmohammadi, A., Ng, A.H.C., Syberfeldt, A.
[An optimization model for balancing assembly lines with stochastic task times and zoning constraints](#)
(2019) IEEE Access, 7, art. no. 8663269, pp. 32537-32550. Cited 10 times.

- 157) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063577558&doi=10.1109%2fACCESS.2019.2903738&partnerID=40&md5=10.1109/ACCESS.2019.2903738>
DOI: 10.1109/ACCESS.2019.2903738

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus

- 158) Lopes, T.C., Michels, A.S., Sikora, C.G.S., Magatão, L.
[Balancing and cyclical scheduling of asynchronous mixed-model assembly lines with parallel stations](#)
(2019) Journal of Manufacturing Systems, 50, pp. 193-200. Cited 17 times.

- 158) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059845061&doi=10.1016%2fj.jmsy.2019.01.001&partnerID=40&md5=10.1016/j.jmsy.2019.01.001>
DOI: 10.1016/j.jmsy.2019.01.001

Document Type: Article
Publication Stage: Final
Source: Scopus

- 159) Liu, J., Suslov, S., Ren, Z., Dong, Y., Ye, C.
[Microstructure evolution in Ti64 subjected to laser-assisted ultrasonic nanocrystal surface modification](#)
(2019) International Journal of Machine Tools and Manufacture, 136, pp. 19-33. Cited 23 times.

- 159) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054823152&doi=10.1016%2fj.ijmachtools.2018.09.005&partnerID=40&md5=10.1016/j.ijmachtools.2018.09.005>
DOI: 10.1016/j.ijmachtools.2018.09.005

Document Type: Article
Publication Stage: Final
Source: Scopus

160) Wang, Y., Chen, F.

[Packed parts delivery problem of automotive inbound logistics with a supplier park](#)

(2019) Computers and Operations Research, 101, pp. 116-129. Cited 2 times.

160) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053776923&doi=10.1016%2fj.cor.2018.09.004&partnerID=40&md5=2>

DOI: 10.1016/j.cor.2018.09.004

Document Type: Article

Publication Stage: Final

Source: Scopus

161) Janardhanan, M.N., Li, Z., Bocewicz, G., Banaszak, Z., Nielsen, P.

[Metaheuristic algorithms for balancing robotic assembly lines with sequence-dependent robot setup times](#)

(2019) Applied Mathematical Modelling, 65, pp. 256-270. Cited 35 times.

161) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053076420&doi=10.1016%2fj.apm.2018.08.016&partnerID=40&md5=a>

DOI: 10.1016/j.apm.2018.08.016

Document Type: Article

Publication Stage: Final

Source: Scopus

162) Karkalos, N.E., Markopoulos, A.P., Davim, J.P.

[Evolutionary-based methods](#)

(2019) SpringerBriefs in Applied Sciences and Technology, pp. 11-31. Cited 8 times.

162) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049735066&doi=10.1007%2f978-3-319-92393-2_2&partnerID=40&md5=

DOI: 10.1007/978-3-319-92393-2_2

Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

163) Ning, J., Zhang, C., Sun, P., Feng, Y.

[Comparative study of ant colony algorithms for multi-objective optimization](#)

(2018) Information (Switzerland), 10 (1), art. no. 11, . Cited 14 times.

163) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059520510&doi=10.3390%2finfo10010011&partnerID=40&md5=01584>

DOI: 10.3390/info10010011

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

164) Zhang, K., Fu, G., Zhang, P., Ma, Z., Mao, Z., Zhang, D.Z.

[Study on the geometric design of supports for overhanging structures fabricated by selective laser melting](#)

(2018) Materials, 12 (1), art. no. 27, . Cited 10 times.

164) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059182620&doi=10.3390%2fma12010027&partnerID=40&md5=b8cd0>

DOI: 10.3390/ma12010027

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

165) Mete, S., Çil, Z.A., Özceylan, E., Ağpak, K., Battaia, O.

[An optimisation support for the design of hybrid production lines including assembly and disassembly tasks](#)

(2018) International Journal of Production Research, 56 (24), pp. 7375-7389. Cited 21 times.

165) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041342531&doi=10.1080%2f00207543.2018.1428774&partnerID=40&md5=>

DOI: 10.1080/00207543.2018.1428774

Document Type: Article

Publication Stage: Final

Source: Scopus

166) Samigulina, G.A., Samigulina, Z.I.

[Development of Smart-technology for Complex Objects Control based on Approach of Artificial Immune Systems](#)

(2018) Proceedings - 2018 Global Smart Industry Conference, GloSIC 2018, art. no. 8570142, . Cited

1 time.

166) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060726058&doi=10.1109%2fGloSIC.2018.8570142&partnerID=40&md5=>

DOI: 10.1109/GloSIC.2018.8570142

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

167) Rabbani, M., Heidari, R., Farrokhi-Asl, H.

[A bi-objective mixed-model assembly line sequencing problem considering customer satisfaction and customer buying behaviour](#)

(2018) Engineering Optimization, 50 (12), pp. 2123-2142. Cited 14 times.

167) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042214637&doi=10.1080%2f0305215X.2018.1431234&partnerID=40&md5=>

DOI: 10.1080/0305215X.2018.1431234

Document Type: Article

Publication Stage: Final

Source: Scopus

168) Delice, Y., Aydoğan, E.K., Söylemez, I., Özcan, U.

[An ant colony optimisation algorithm for balancing two-sided U-type assembly lines with sequence-dependent set-up times](#)

(2018) Sadhana - Academy Proceedings in Engineering Sciences, 43 (12), art. no. 199, . Cited 4 times.

168) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056082239&doi=10.1007%2fs12046-018-0969-9&partnerID=40&md5=>

DOI: 10.1007/s12046-018-0969-9

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

169) Chergui, A., Hadj-Hamou, K., Vignat, F.

[Production scheduling and nesting in additive manufacturing](#)

(2018) Computers and Industrial Engineering, 126, pp. 292-301. Cited 45 times.

169) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054156735&doi=10.1016%2fj.cie.2018.09.048&partnerID=40&md5=e6>

DOI: 10.1016/j.cie.2018.09.048

Document Type: Article

Publication Stage: Final

Source: Scopus

170) Johnson, T.E., Gaynor, A.T.

[Three-dimensional projection-based topology optimization for prescribed-angle self-supporting additively manufactured structures](#)

(2018) Additive Manufacturing, 24, pp. 667-686. Cited 24 times.

170) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052827014&doi=10.1016%2fj.addma.2018.06.011&partnerID=40&md5=>

DOI: 10.1016/j.addma.2018.06.011

Document Type: Article

Publication Stage: Final

Source: Scopus

171) Liu, B., Kuai, Z., Li, Z., Tong, J., Bai, P., Li, B., Nie, Y.

[Performance consistency of AlSi10Mg alloy manufactured by simulating multi laser beam selective laser melting \(SLM\): Microstructures and mechanical properties](#)

(2018) Materials, 11 (12), art. no. 2354, . Cited 7 times.

171) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057251702&doi=10.3390%2fma11122354&partnerID=40&md5=80cc0>

DOI: 10.3390/ma11122354

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

172) Zhang, K., Mao, Z., Fu, G., Zhang, D.Z., Liu, C., Li, Z.

[A feasible method of support slimming based on the different thresholds of polar angles in selective laser melting](#)

(2018) Materials and Design, 157, pp. 501-511. Cited 2 times.

172) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051029590&doi=10.1016%2fj.matdes.2018.07.044&partnerID=40&md5=>

DOI: 10.1016/j.matdes.2018.07.044

Document Type: Article

Publication Stage: Final

Source: Scopus

173) Kucukkoc, I., Li, Z., Karaoglan, A.D., Zhang, D.Z.

[Balancing of mixed-model two-sided assembly lines with underground workstations: A mathematical model and ant colony optimization algorithm](#)

(2018) International Journal of Production Economics, 205, pp. 228-243. Cited 18 times.

173) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054883558&doi=10.1016%2fj.ijpe.2018.08.009&partnerID=40&md5=a>

DOI: 10.1016/j.ijpe.2018.08.009

Document Type: Article

Publication Stage: Final

Source: Scopus

174) Fathollahi-Fard, A.M., Hajiaghaei-Keshteli, M., Tavakkoli-Moghaddam, R.

[A bi-objective green home health care routing problem](#)

(2018) Journal of Cleaner Production, 200, pp. 423-443. Cited 65 times.

174) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053084768&doi=10.1016%2fj.jclepro.2018.07.258&partnerID=40&md5=>

DOI: 10.1016/j.jclepro.2018.07.258

Document Type: Article

Publication Stage: Final

Source: Scopus

175) Salman, S., Alaswad, S.

[Alleviating road network congestion: Traffic pattern optimization using Markov chain traffic assignment](#)

(2018) Computers and Operations Research, 99, pp. 191-205. Cited 17 times.

175) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049731174&doi=10.1016%2fj.cor.2018.06.015&partnerID=40&md5=5b>

DOI: 10.1016/j.cor.2018.06.015

Document Type: Article

Publication Stage: Final

Source: Scopus

176) Özcan, U.

[Balancing stochastic parallel assembly lines](#)

(2018) Computers and Operations Research, 99, pp. 109-122. Cited 12 times.

176) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049314134&doi=10.1016%2fj.cor.2018.05.006&partnerID=40&md5=5b>

DOI: 10.1016/j.cor.2018.05.006

Document Type: Article

Publication Stage: Final

Source: Scopus

177) Gusarov, A.V., Grigoriev, S.N., Volosova, M.A., Melnik, Y.A., Laskin, A., Kotoban, D.V., Okunkova, A.A.

[On productivity of laser additive manufacturing](#)

(2018) Journal of Materials Processing Technology, 261, pp. 213-232. Cited 31 times.

177) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048729555&doi=10.1016%2fj.jmatprotec.2018.05.033&partnerID=40&md5=5b>

DOI: 10.1016/j.jmatprotec.2018.05.033

Document Type: Article

Publication Stage: Final

Source: Scopus

178) Gansterer, M., Hartl, R.F.

[One-and two-sided assembly line balancing problems with real-world constraints](#)

(2018) International Journal of Production Research, 56 (8), pp. 3025-3042. Cited 17 times.

178) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032657520&doi=10.1080%2f00207543.2017.1394599&partnerID=40&md5=5b>

DOI: 10.1080/00207543.2017.1394599

Document Type: Article
 Publication Stage: Final
 Access Type: Open Access
 Source: Scopus

179) Li, Z., Dey, N., Ashour, A.S., Tang, Q.

[Discrete cuckoo search algorithms for two-sided robotic assembly line balancing problem](#)

(2018) Neural Computing and Applications, 30 (9), pp. 2685-2696. Cited 26 times.

179) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009932472&doi=10.1007%2fs00521-017-2855-5&partnerID=40&md5=>

DOI: 10.1007/s00521-017-2855-5

Document Type: Article
 Publication Stage: Final
 Source: Scopus

180) Kokareva, V., Agapovichev, A., Sotov, A., Smelov, V., Sufiiarov, V.

[Multi-criteria planning model of engines parts additive manufacturing](#)

(2018) MATEC Web of Conferences, 224, art. no. 01119, . Cited 4 times.

180) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056667698&doi=10.1051%2fmatecconf%2f201822401119&partnerID=>

DOI: 10.1051/matecconf/201822401119

Document Type: Conference Paper
 Publication Stage: Final
 Access Type: Open Access
 Source: Scopus

181) Huang, M., Guo, Q., Liu, J., Huang, X.

[Mixed model assembly line scheduling approach to order picking problem in online supermarkets](#)

(2018) Sustainability (Switzerland), 10 (11), art. no. 3931, . Cited 9 times.

181) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055629902&doi=10.3390%2fsu10113931&partnerID=40&md5=4f30e8>

DOI: 10.3390/su10113931

Document Type: Article
 Publication Stage: Final
 Access Type: Open Access
 Source: Scopus

182) Li, Z., Janardhanan, M.N., Nielsen, P., Tang, Q.

[Mathematical models and simulated annealing algorithms for the robotic assembly line balancing problem](#)

(2018) Assembly Automation, 38 (4), pp. 420-436. Cited 9 times.

182)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053531959&doi=10.1108%2fAA-09-2017-115&partnerID=40&md5=c1a>
DOI: 10.1108/AA-09-2017-115

Document Type: Article
Publication Stage: Final
Source: Scopus

183) Li, Z., Kucukkoc, I., Zhang, Z.

[Branch, bound and remember algorithm for U-shaped assembly line balancing problem](#)

(2018) Computers and Industrial Engineering, 124, pp. 24-35. Cited 27 times.

183) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049792509&doi=10.1016%2fj.cie.2018.06.037&partnerID=40&md5=8e>
DOI: 10.1016/j.cie.2018.06.037

Document Type: Article
Publication Stage: Final
Source: Scopus

184) Ghadiri Nejad, M., Husseinazadeh Kashan, A., Shavarani, S.M.

[A novel competitive hybrid approach based on grouping evolution strategy algorithm for solving U-shaped assembly line balancing problems](#)

(2018) Production Engineering, 12 (5), pp. 555-566. Cited 16 times.

184) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048095659&doi=10.1007%2fs11740-018-0836-x&partnerID=40&md5=f7>
DOI: 10.1007/s11740-018-0836-x

Document Type: Article
Publication Stage: Final
Source: Scopus

185) Fera, M., Fruggiero, F., Lambiase, A., Macchiaroli, R., Todisco, V.

[A modified genetic algorithm for time and cost optimization of an additive manufacturing single-machine scheduling](#)

(2018) International Journal of Industrial Engineering Computations, 9 (4), pp. 423-438. Cited 28 times.

185) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047221863&doi=10.5267%2fj.ijiec.2018.1.001&partnerID=40&md5=f7>
DOI: 10.5267/j.ijiec.2018.1.001

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus

186) Park, H.S., Ansari, M.J.

[Numerical investigation and an effective predicting system on the Selective Laser Melting \(SLM\) process with Ti6Al4V alloy](#)

(2018) IOP Conference Series: Materials Science and Engineering, 400 (4), art. no. 042046, . Cited 1 time.

186) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055798897&doi=10.1088%2f1757-899X%2f400%2f4%2f042046&partnerID=40&md5=10.1088/1757-899X/400/4/042046>
DOI: 10.1088/1757-899X/400/4/042046

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

187) Sahebjamnia, N., Fathollahi-Fard, A.M., Hajiaghaei-Keshteli, M.

[Sustainable tire closed-loop supply chain network design: Hybrid metaheuristic algorithms for large-scale networks](#)

(2018) Journal of Cleaner Production, 196, pp. 273-296. Cited 115 times.

187) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049334532&doi=10.1016%2fj.jclepro.2018.05.245&partnerID=40&md5=10.1016/j.jclepro.2018.05.245>
DOI: 10.1016/j.jclepro.2018.05.245

Document Type: Article

Publication Stage: Final

Source: Scopus

188) Dvorak, F., Micali, M., Mathieu, M.

[Planning and scheduling in additive manufacturing](#)

(2018) Inteligencia Artificial, 21 (62), pp. 40-52. Cited 18 times.

188) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053289218&doi=10.4114%2fintartif.vol21iss62pp40-52&partnerID=40&md5=10.4114/intartif.vol21iss62pp40-52>
DOI: 10.4114/intartif.vol21iss62pp40-52

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

189) Pratama, A.T., Takahashi, K., Morikawa, K., Nagasawa, K., Hirotani, D.

[Cellular bucket brigades with worker collaboration on U-lines with discrete workstations](#)

(2018) Industrial Engineering and Management Systems, 17 (3), pp. 531-549. Cited 2 times.

189) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055509085&doi=10.7232%2fiems.2018.17.3.531&partnerID=40&md5=10.7232/iems.2018.17.3.531>
DOI: 10.7232/iems.2018.17.3.531

Document Type: Article
Publication Stage: Final
Source: Scopus

190) Wang, C., Liang, J., Liao, Y., Guan, Z.

[A modified SPEA2 algorithm for sequencing problem with sequence dependent setup constraint in mix-model assembly line](#)

(2018) ICIC Express Letters, 12 (9), pp. 937-945.

190) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052373243&doi=10.24507%2f icicel.12.09.937&partnerID=40&md5=ec>
DOI: 10.24507/icicel.12.09.937

Document Type: Article
Publication Stage: Final
Source: Scopus

191) Lopes, T.C., Michels, A.S., Sikora, C.G.S., Molina, R.G., Magatão, L.

[Balancing and cyclically sequencing synchronous, asynchronous, and hybrid unpaced assembly lines](#)

(2018) International Journal of Production Economics, 203, pp. 216-224. Cited 9 times.

191) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049302103&doi=10.1016%2fj.ijpe.2018.06.012&partnerID=40&md5=9>
DOI: 10.1016/j.ijpe.2018.06.012

Document Type: Article
Publication Stage: Final
Source: Scopus

192) Li, Z., Zhang, D.Z., Dong, P., Kucukkoc, I., Peikang, B.

[Incorporating draw constraint in the lightweight and self-supporting optimisation process for selective laser melting](#)

(2018) International Journal of Advanced Manufacturing Technology, 98 (1-4), pp. 405-412. Cited 3 times.

192) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048284739&doi=10.1007%2fs00170-018-2251-z&partnerID=40&md5=>
DOI: 10.1007/s00170-018-2251-z

Document Type: Article
Publication Stage: Final
Source: Scopus

193) Niu, J., Choo, H.L., Sun, W., Mok, S.H.

[Numerical study on load-bearing capabilities of beam-like lattice structures with three different unit cells](#)

(2018) International Journal of Mechanics and Materials in Design, 14 (3), pp. 443-460. Cited 11 times.

193) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026905341&doi=10.1007%2fs10999-017-9384-3&partnerID=40&md5=>
DOI: 10.1007/s10999-017-9384-3

Document Type: Article

Publication Stage: Final

Source: Scopus

194) Raj Mohan, R., Venkatraman, R., Raghuraman, S.

[An overview of additive manufacturing – Approaches, techniques, trends and challenges in manufacturing scenario](#)

(2018) International Journal of Mechanical and Production Engineering Research and Development, 8 (4), pp. 289-302.

194) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050347881&doi=10.24247%2fijmperdaug201831&partnerID=40&md5=>
DOI: 10.24247/ijmperdaug201831

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

195) Yongming, W., Han, Z., Yanxia, X., Lifei, L.

[Sequencing optimization of mixed-model assembly line for considering time and cost](#)

(2018) 2017 International Conference on Computer Systems, Electronics and Control, ICCSEC 2017, art. no. 8446933, pp. 196-199.

195) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053933300&doi=10.1109%2fICCSEC.2017.8446933&partnerID=40&md5=>
DOI: 10.1109/ICCSEC.2017.8446933

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

196) Zhao, Z., Li, L., Tan, L., Bai, P., Li, J., Wu, L., Liao, H., Cheng, Y.

[Simulation of stress field during the selective laser melting process of the nickel-based superalloy, GH4169](#)

(2018) Materials, 11 (9), art. no. 1525, . Cited 13 times.

196) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052194181&doi=10.3390%2fma11091525&partnerID=40&md5=f180f1>
DOI: 10.3390/ma11091525

Document Type: Article
 Publication Stage: Final
 Access Type: Open Access
 Source: Scopus

197) Khorasani, A.M., Gibson, I., Ghaderi, A.R.

[Rheological characterization of process parameters influence on surface quality of Ti-6Al-4V parts manufactured by selective laser melting](#)

(2018) International Journal of Advanced Manufacturing Technology, 97 (9-12), pp. 3761-3775. Cited

18 times.

197) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047952723&doi=10.1007%2fs00170-018-2168-6&partnerID=40&md5=10.1007/s00170-018-2168-6>
 DOI: 10.1007/s00170-018-2168-6

Document Type: Article
 Publication Stage: Final
 Source: Scopus

198) Jadhav, S., He, H., Jenkins, K.

[Information gain directed genetic algorithm wrapper feature selection for credit rating](#)

(2018) Applied Soft Computing Journal, 69, pp. 541-553. Cited 81 times.

198) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047614189&doi=10.1016%2fj.asoc.2018.04.033&partnerID=40&md5=10.1016/j.asoc.2018.04.033>
 DOI: 10.1016/j.asoc.2018.04.033

Document Type: Article
 Publication Stage: Final
 Source: Scopus

199) Oh, Y., Zhou, C., Behdad, S.

[Part decomposition and assembly-based \(Re\) design for additive manufacturing: A review](#)

(2018) Additive Manufacturing, 22, pp. 230-242. Cited 37 times.

199) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047162460&doi=10.1016%2fj.addma.2018.04.018&partnerID=40&md5=10.1016/j.addma.2018.04.018>
 DOI: 10.1016/j.addma.2018.04.018

Document Type: Review
 Publication Stage: Final
 Access Type: Open Access
 Source: Scopus

200) Zhao, Z.-Y., Li, L., Bai, P.-K., Jin, Y., Wu, L.-Y., Li, J., Guan, R.-G., Qu, H.-Q.

[The heat treatment influence on the microstructure and hardness of TC4 titanium alloy manufactured](#)

[via selective laser melting](#)

(2018) Materials, 11 (8), art. no. 1318, . Cited 35 times.

200) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051103824&doi=10.3390%2fma11081318&partnerID=40&md5=f690b>

DOI: 10.3390/ma11081318

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

Documents

Export Date: 24 Oct 2021

Search: AUTHOR-NAME(kucukkoc,i)

- 1) Posser, T., Freitas de Oliveira, B.

[Design for additive manufacturing applied for mass reduction of a two-stroke engine cylinder for portable machine](#)

(2020) International Journal on Interactive Design and Manufacturing, 14 (2), pp. 709-717.

- 1) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066467348&doi=10.1007%2fs12008-019-00596-1&partnerID=40&md5=b>

DOI: 10.1007/s12008-019-00596-1

Document Type: Article

Publication Stage: Final

Source: Scopus

- 2) Cevikcan, E., Durmusoglu, M.B.

[A novel optimization approach for segmented rabbit chase oriented U-type assembly line design: an application from lighting industry](#)

(2020) Assembly Automation, 40 (3), pp. 483-510. Cited 2 times.

- 2) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083998035&doi=10.1108%2fAA-02-2019-0020&partnerID=40&md5=b>

DOI: 10.1108/AA-02-2019-0020

Document Type: Article

Publication Stage: Final

Source: Scopus

- 3) Montes, N., Aranda, J.A., García-Bartual, R.

[Real time flow forecasting in a mountain river catchment using conceptual models with simple error correction scheme](#)

(2020) Water (Switzerland), 12 (5), art. no. 1484, . Cited 1 time.

- 3) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085957258&doi=10.3390%2fw12051484&partnerID=40&md5=ad3407>

DOI: 10.3390/w12051484

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 4) Fu, X., Zou, J., Ju, C.

[A Sewing Line Planning Model Based on RFID Technology](#)

(2020) Journal of Electrical Engineering and Technology, 15 (3), pp. 1441-1452.

- 4)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083781184&doi=10.1007%2fs42835-020-00420-x&partnerID=40&md5=0>
DOI: 10.1007/s42835-020-00420-x

Document Type: Article

Publication Stage: Final

Source: Scopus

- 5) Ayough, A., Zandieh, M., Farhadi, F.

[Balancing, sequencing, and job rotation scheduling of a U-shaped lean cell with dynamic operator performance](#)

(2020) Computers and Industrial Engineering, 143, art. no. 106363, . Cited 7 times.

- 5) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081637219&doi=10.1016%2fj.cie.2020.106363&partnerID=40&md5=0>

DOI: 10.1016/j.cie.2020.106363

Document Type: Article

Publication Stage: Final

Source: Scopus

- 6) Xie, G., Dong, Y., Zhou, J., Sheng, Z.

[Topology optimization design of hydraulic valve blocks for additive manufacturing](#)

(2020) Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical

Engineering Science, 234 (10), pp. 1899-1912. Cited 2 times.

- 6) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078099005&doi=10.1177%2f0954406220902166&partnerID=40&md5=0>

DOI: 10.1177/0954406220902166

Document Type: Article

Publication Stage: Final

Source: Scopus

- 7) Zhang, J., Yao, X., Li, Y.

[Improved evolutionary algorithm for parallel batch processing machine scheduling in additive manufacturing](#)

(2020) International Journal of Production Research, 58 (8), pp. 2263-2282. Cited 12 times.

- 7) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066047894&doi=10.1080%2f00207543.2019.1617447&partnerID=40&md5=0>

DOI: 10.1080/00207543.2019.1617447

Document Type: Article

Publication Stage: Final

Source: Scopus

- 8) Chutima, P., Jirachai, P.

[Parallel U-shaped assembly line balancing with adaptive MOEA/D hybridized with BBO](#)

(2020) Journal of Industrial and Production Engineering, 37 (2-3), pp. 97-119. Cited 1 time.

- 8) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083578294&doi=10.1080%2f21681015.2020.1735544&partnerID=40&>

DOI: 10.1080/21681015.2020.1735544

Document Type: Article

Publication Stage: Final

Source: Scopus

- 9) Wang, X.-G., Xu, P.-X., Li, S.-J., Ma, R.-M.

[Optimal Design of Interval Reliability for Uncertain Structures](#)

[\[Article@不确定结构的区间可靠性优化设计\]](#)

(2020) Dongbei Daxue Xuebao/Journal of Northeastern University, 41 (4), pp. 521-527.

- 9) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083695180&doi=10.12068%2fj.issn.1005-3026.2020.04.012&partnerID>

DOI: 10.12068/j.issn.1005-3026.2020.04.012

Document Type: Article

Publication Stage: Final

Source: Scopus

- 10) Weckenborg, C., Kieckhäfer, K., Müller, C., Grunewald, M., Spengler, T.S.

[Balancing of assembly lines with collaborative robots](#)

(2020) Business Research, 13 (1), pp. 93-132. Cited 11 times.

- 10) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083195320&doi=10.1007%2fs40685-019-0101-y&partnerID=40&md5=>

DOI: 10.1007/s40685-019-0101-y

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 11) Deng, Y., Mao, Z., Yang, N., Niu, X., Lu, X.

[Collaborative optimization of density and surface roughness of 316L stainless steel in selective laser melting](#)

(2020) Materials, 13 (7), art. no. 1601, . Cited 8 times.

- 11) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082948331&doi=10.3390%2fma13071601&partnerID=40&md5=a9e99>

DOI: 10.3390/ma13071601

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

12) Yılmaz, Ö.F.

[Examining additive manufacturing in supply chain context through an optimization model](#)

(2020) Computers and Industrial Engineering, 142, art. no. 106335, . Cited 8 times.

12) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078997279&doi=10.1016%2fj.cie.2020.106335&partnerID=40&md5=8>

DOI: 10.1016/j.cie.2020.106335

Document Type: Article

Publication Stage: Final

Source: Scopus

13) Yang, M., Ba, L., Xu, E., Li, Y., Liu, Y., Gao, X.

[Optimization of a multi-constraint two-sided assembly line balancing problem using an improved imperialist competitive algorithm](#)

(2020) Assembly Automation, 40 (2), pp. 273-282.

13) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079467685&doi=10.1108%2fAA-04-2019-0064&partnerID=40&md5=8>

DOI: 10.1108/AA-04-2019-0064

Document Type: Article

Publication Stage: Final

Source: Scopus

14) Ab. Rashid, M.F.F., Mohd Rose, A.N., Nik Mohamed, N.M.Z., Mohd Romlay, F.R.

[Improved moth flame optimization algorithm to optimize cost-oriented two-sided assembly line balancing](#)

(2020) Engineering Computations (Swansea, Wales), 37 (2), pp. 638-663. Cited 3 times.

14) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071626119&doi=10.1108%2fEC-12-2018-0593&partnerID=40&md5=f>

DOI: 10.1108/EC-12-2018-0593

Document Type: Article

Publication Stage: Final

Source: Scopus

15) Fathi, M., Nourmohammadi, A., H.C. Ng, A., Syberfeldt, A., Eskandari, H.

[An improved genetic algorithm with variable neighborhood search to solve the assembly line balancing problem](#)

(2020) Engineering Computations (Swansea, Wales), 37 (2), pp. 501-521. Cited 6 times.

15) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071617279&doi=10.1108%2fEC-02-2019-0053&partnerID=40&md5=8>

DOI: 10.1108/EC-02-2019-0053

Document Type: Article

Publication Stage: Final

Source: Scopus

- 16) Kaya, B.Y., Adem, A., Dağdeviren, M.

[A DSS-Based Novel Approach Proposition Employing Decision Techniques for System Design](#)

(2020) International Journal of Information Technology and Decision Making, 19 (2), pp. 413-445.

- 16) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082201095&doi=10.1142%2fS02196220200500029&partnerID=40&md>

DOI: 10.1142/S02196220200500029

Document Type: Article

Publication Stage: Final

Source: Scopus

- 17) Liang, X., Dong, W., Hinnebusch, S., Chen, Q., Tran, H.T., Lemon, J., Cheng, L., Zhou, Z., Hayduke, D., To, A.C.

[Inherent strain homogenization for fast residual deformation simulation of thin-walled lattice support structures built by laser powder bed fusion additive manufacturing](#)

(2020) Additive Manufacturing, 32, art. no. 101091, . Cited 11 times.

- 17) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078835098&doi=10.1016%2fj.addma.2020.101091&partnerID=40&md>

DOI: 10.1016/j.addma.2020.101091

Document Type: Article

Publication Stage: Final

Source: Scopus

- 18) Ramos-Figueroa, O., Quiroz-Castellanos, M., Mezura-Montes, E., Schütze, O.

[Metaheuristics to solve grouping problems: A review and a case study](#)

(2020) Swarm and Evolutionary Computation, 53, art. no. 100643, . Cited 17 times.

- 18) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077702273&doi=10.1016%2fj.swevo.2019.100643&partnerID=40&md>

DOI: 10.1016/j.swevo.2019.100643

Document Type: Article

Publication Stage: Final

Source: Scopus

- 19) Lopes, T.C., Michels, A.S., Lüders, R., Magatão, L.

[A simheuristic approach for throughput maximization of asynchronous buffered stochastic mixed-model assembly lines](#)

(2020) Computers and Operations Research, 115, art. no. 104863, . Cited 5 times.

- 19) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076086152&doi=10.1016%2fj.cor.2019.104863&partnerID=40&md5=5>
DOI: 10.1016/j.cor.2019.104863

Document Type: Article

Publication Stage: Final

Source: Scopus

- 20) Liu, Y.Z.

[Coaxial waterjet-assisted laser drilling of film cooling holes in turbine blades](#)

(2020) International Journal of Machine Tools and Manufacture, 150, art. no. 103510, . Cited 9 times.

- 20) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075871493&doi=10.1016%2fj.ijmachtools.2019.103510&partnerID=40>
DOI: 10.1016/j.ijmachtools.2019.103510

Document Type: Article

Publication Stage: Final

Source: Scopus

- 21) Hazır, Ö., Agi, M.A.N., Guérin, J.

[A fast and effective heuristic for smoothing workloads on assembly lines: algorithm design and experimental analysis](#)

(2020) Computers and Operations Research, 115, art. no. 104857, . Cited 6 times.

- 21) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075557723&doi=10.1016%2fj.cor.2019.104857&partnerID=40&md5=a>
DOI: 10.1016/j.cor.2019.104857

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 22) Koskinen, J., Raduly-Baka, C., Johnsson, M., Nevalainen, O.S.

[Rolling horizon production scheduling of multi-model PCBs for several assembly lines](#)

(2020) International Journal of Production Research, 58 (4), pp. 1052-1073. Cited 7 times.

- 22) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065177641&doi=10.1080%2f00207543.2019.1609708&partnerID=40>
DOI: 10.1080/00207543.2019.1609708

Document Type: Article

Publication Stage: Final

Source: Scopus

- 23) Rauf, M., Guan, Z., Sarfraz, S., Mumtaz, J., Shehab, E., Jahanzaib, M., Hanif, M.

[A smart algorithm for multi-criteria optimization of model sequencing problem in assembly lines](#)

(2020) Robotics and Computer-Integrated Manufacturing, 61, art. no. 101844, . Cited 15 times.

- 23) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069913381&doi=10.1016%2fj.rcim.2019.101844&partnerID=40&md5=>

DOI: 10.1016/j.rcim.2019.101844

Document Type: Article

Publication Stage: Final

Source: Scopus

- 24) Zhang, B., Xu, L., Zhang, J.

[A multi-objective cellular genetic algorithm for energy-oriented balancing and sequencing problem of mixed-model assembly line](#)

(2020) Journal of Cleaner Production, 244, art. no. 118845, . Cited 13 times.

- 24) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073925104&doi=10.1016%2fj.jclepro.2019.118845&partnerID=40&md5=>

DOI: 10.1016/j.jclepro.2019.118845

Document Type: Article

Publication Stage: Final

Source: Scopus

- 25) Lopes, T.C., Sikora, C.G.S., Michels, A.S., Magatão, L.

[An iterative decomposition for asynchronous mixed-model assembly lines: combining balancing, sequencing, and buffer allocation](#)

(2020) International Journal of Production Research, 58 (2), pp. 615-630. Cited 9 times.

- 25) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064718190&doi=10.1080%2f00207543.2019.1598597&partnerID=40&md5=>

DOI: 10.1080/00207543.2019.1598597

Document Type: Article

Publication Stage: Final

Source: Scopus

- 26) Ali, I., Ghanem, N., Fors, M.N.

[A Mathematical Model for the Lexicographic Bottleneck Mixed-Model Flexible Assembly Line Balancing Problem](#)

(2020) ACM International Conference Proceeding Series, pp. 1-8.

- 26) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087046779&doi=10.1145%2f3394941.3394942&partnerID=40&md5=>

DOI: 10.1145/3394941.3394942

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 27) Agostino, I.R.S., Frazzon, E.M., Alcala, S.G.S., Basto, J.P., Rodriguez, C.M.T.

[Dynamic production order allocation for distributed additive manufacturing](#)

(2020) IFAC-PapersOnLine, 53, pp. 10658-10663.

- 27) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107747368&doi=10.1016%2fj.ifacol.2020.12.2832&partnerID=40&md5=7>

DOI: 10.1016/j.ifacol.2020.12.2832

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 28) Eysers, D.

[Flexibility strategies for 3DP](#)

(2020) Managing 3D Printing: Operations Management for Additive Manufacturing, pp. 47-96.

- 28) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106610171&doi=10.1007%2f978-3-030-23323-5_6&partnerID=40&md5=7

DOI: 10.1007/978-3-030-23323-5_6

Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

- 29) Liang, B., Li, Y., Bi, J., Ding, C., Zhao, X.

[An Improved Adaptive Parallel Genetic Algorithm for the Airport Gate Assignment Problem](#)

(2020) Journal of Advanced Transportation, 2020, art. no. 8880390, .

- 29) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098704378&doi=10.1155%2f2020%2f8880390&partnerID=40&md5=7>

DOI: 10.1155/2020/8880390

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 30) Yanchevskiy, I., Lachmayer, R., Mozgova, I., Lippert, R.B., Yaskov, G., Romanova, T., Litvinchev, I.L.

[Circular packing for support-free structures](#)

(2020) EAI Endorsed Transactions on Energy Web, 7 (30), pp. 1-10. Cited 2 times.

- 30) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098657002&doi=10.4108%2feai.13-7-2018.164561&partnerID=40&md5=7>

DOI: 10.4108/eai.13-7-2018.164561

Document Type: Article
 Publication Stage: Final
 Access Type: Open Access
 Source: Scopus

- 31) Thiruvady, D., Elmi, A., Nazari, A., Schneider, J.-G.

[Minimising Cycle Time in Assembly Lines: A Novel Ant Colony Optimisation Approach](#)

(2020) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 12576 LNAI, pp. 125-137. Cited 1 time.

- 31) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097646959&doi=10.1007%2f978-3-030-64984-5_10&partnerID=40&DOI: 10.1007/978-3-030-64984-5_10

Document Type: Conference Paper
 Publication Stage: Final
 Source: Scopus

- 32) Kunovjanek, M., Knofius, N., Reiner, G.

[Additive manufacturing and supply chains—a systematic review](#)

(2020) Production Planning and Control, . Cited 6 times.

- 32) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097539951&doi=10.1080%2f09537287.2020.1857874&partnerID=40&DOI: 10.1080/09537287.2020.1857874>

Document Type: Article
 Publication Stage: Article in Press
 Access Type: Open Access
 Source: Scopus

- 33) Aïder, M., Gacem, O., Hifi, M.

[Branch and solve strategies-based algorithm for the quadratic multiple knapsack problem](#)

(2020) Journal of the Operational Research Society, .

- 33) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097446197&doi=10.1080%2f01605682.2020.1843982&partnerID=40&DOI: 10.1080/01605682.2020.1843982>

Document Type: Article
 Publication Stage: Article in Press
 Source: Scopus

- 34) Darwish, L.R., Farag, M.M., El-Wakad, M.T.

[Towards Reinforcing Healthcare 4.0: A Green Real-Time IIoT Scheduling and Nesting Architecture for COVID-19 Large-Scale 3D Printing Tasks](#)

(2020) IEEE Access, 8, art. no. 9269973, pp. 213916-213927.

- 34) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097191822&doi=10.1109%2fACCESS.2020.3040544&partnerID=40&md5=10.1109/ACCESS.2020.3040544>
DOI: 10.1109/ACCESS.2020.3040544

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 35) Chua, P.C., Moon, S.K., Ng, Y.T.

[Multi-objective implementation of additive manufacturing in make-to-stock production](#)

(2020) Proceedings of the ASME Design Engineering Technical Conference, 9, art. no.

V009T09A059, .

- 35) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096087117&doi=10.1115%2fDETC2020-22085&partnerID=40&md5=10.1115/DETC2020-22085>
DOI: 10.1115/DETC2020-22085

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 36) Ozan Yilmazlar, I., Jeyes, A., Fiore, A., Patel, A., Spence, C., Wentzky, C., Zero, N., Kurz, M.E., Summers, J.D., Taaffe, K.M.

[A case study in line balancing and simulation](#)

(2020) 48, pp. 71-81.

- 36) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094896343&doi=10.1016%2fj.promfg.2020.05.076&partnerID=40&md5=10.1016/j.promfg.2020.05.076>
DOI: 10.1016/j.promfg.2020.05.076

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 37) Castillo-Rivera, S., de Antón, J., Del Olmo, R., Pajares, J., López-Paredes, A.

[Genetic algorithms for the scheduling in additive manufacturing](#)

(2020) International Journal of Production Management and Engineering, 8 (2), pp. 59-63.

- 37) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094604221&doi=10.4995%2fijpme.2020.12173&partnerID=40&md5=10.4995/ijpme.2020.12173>
DOI: 10.4995/ijpme.2020.12173

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 38) de Antón, J., Senovilla, J., González, J.M., Acebes, F., Pajares, J.

[Production planning in 3D Printing factories](#)

(2020) International Journal of Production Management and Engineering, 8 (2), pp. 75-86. Cited 1

time.

- 38) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094589868&doi=10.4995%2fijpme.2020.12944&partnerID=40&md5=7>

DOI: 10.4995/ijpme.2020.12944

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 39) Xu, Q., Zhu, Y.

[Uncertain random optimization models based on system reliability](#)

(2020) International Journal of Computational Intelligence Systems, 13 (1), pp. 1498-1506.

- 39) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092567181&doi=10.2991%2fijcis.d.200915.002&partnerID=40&md5=0>

DOI: 10.2991/ijcis.d.200915.002

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 40) Hashemi-Petroodi, S.E., Dolgui, A., Kovalev, S., Kovalyov, M.Y., Thevenin, S.

[Workforce reconfiguration strategies in manufacturing systems: a state of the art](#)

(2020) International Journal of Production Research, . Cited 8 times.

- 40) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092531155&doi=10.1080%2f00207543.2020.1823028&partnerID=40&md5=0>

DOI: 10.1080/00207543.2020.1823028

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

- 41) Park, H.S., Ansari, M.J.

[Estimation of residual stress and deformation in selective laser melting of Ti6Al4V alloy](#)

(2020) Procedia CIRP, 93, pp. 44-49. Cited 1 time.

- 41) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092434855&doi=10.1016%2fj.procir.2020.03.091&partnerID=40&md5=0>

DOI: 10.1016/j.procir.2020.03.091

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 42) Yang, J., Liu, Y.

[Energy, time and material consumption modelling for fused deposition modelling process](#)

(2020) Procedia CIRP, 90, pp. 510-515.

- 42) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092426830&doi=10.1016%2fj.procir.2020.02.130&partnerID=40&md5=>

DOI: 10.1016/j.procir.2020.02.130

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 43) Chutima, P.

[Research trends and outlooks in assembly line balancing problems](#)

(2020) Engineering Journal, 24 (5), pp. 93-134. Cited 2 times.

- 43) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092161200&doi=10.4186%2fej.2020.24.5.93&partnerID=40&md5=afb4>

DOI: 10.4186/ej.2020.24.5.93

Document Type: Review

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 44) Zhou, Y., Guo, X., Li, D.

[A dynamic programming approach to a multi-objective disassembly line balancing problem](#)

(2020) Annals of Operations Research, .

- 44) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091147701&doi=10.1007%2fs10479-020-03797-0&partnerID=40&md5=>

DOI: 10.1007/s10479-020-03797-0

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

- 45) Calderaro, D.R., Lacerda, D.P., Veit, D.R.

[Selection of additive manufacturing technologies in productive systems: A decision support model](#)

[Article@Seleção de tecnologias de manufatura aditiva em sistemas produtivos: Modelo de apoio à decisão]

(2020) Gestao e Producao, 27 (3), art. no. e5363, . Cited 1 time.

- 45) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091093935&doi=10.1590%2f0104-530x5363-20&partnerID=40&md5=>
DOI: 10.1590/0104-530x5363-20

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 46) Álvarez-Miranda, E., Chace, S., Pereira, J.

[Assembly line balancing with parallel workstations](#)

(2020) International Journal of Production Research, . Cited 4 times.

- 46) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090994656&doi=10.1080%2f00207543.2020.1818000&partnerID=40&](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090994656&doi=10.1080%2f00207543.2020.1818000&partnerID=40&md5=)
DOI: 10.1080/00207543.2020.1818000

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

- 47) Naybour, M., Remenyte-Prescott, R., Boyd, M.

[Modelling reliability and efficiency of english community pharmacy processes](#)

(2020) Proceedings - Annual Reliability and Maintainability Symposium, 2020-January, art. no.

9153661, .

- 47) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090440303&doi=10.1109%2fRAMS48030.2020.9153661&partnerID=40&](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090440303&doi=10.1109%2fRAMS48030.2020.9153661&partnerID=40&md5=)
DOI: 10.1109/RAMS48030.2020.9153661

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 48) Tavakkoli-Moghaddam, R., Shirazian, S., Vahedi-Nouri, B.

[A Bi-objective Scheduling Model for Additive Manufacturing with Multiple Materials and Sequence-Dependent Setup Time](#)

(2020) IFIP Advances in Information and Communication Technology, 592 IFIP, pp. 451-459.

- 48) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090174140&doi=10.1007%2f978-3-030-57997-5_52&partnerID=40&m](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090174140&doi=10.1007%2f978-3-030-57997-5_52&partnerID=40&md5=)
DOI: 10.1007/978-3-030-57997-5_52

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 49) Hashemi-Petroodi, S.E., Thevenin, S., Kovalev, S., Dolgui, A.

[The Impact of Dynamic Tasks Assignment in Paced Mixed-Model Assembly Line with Moving Workers](#)

(2020) IFIP Advances in Information and Communication Technology, 592 IFIP, pp. 509-517.

- 49) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090170249&doi=10.1007%2f978-3-030-57997-5_59&partnerID=40&m

DOI: 10.1007/978-3-030-57997-5_59

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 50) Cao, Y., Li, Y., Liu, Q., Zhang, J.

[An Optimization Model for Assembly Line Balancing Problem with Uncertain Cycle Time](#)

(2020) Mathematical Problems in Engineering, 2020, art. no. 2785278, . Cited 1 time.

- 50) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089264545&doi=10.1155%2f2020%2f2785278&partnerID=40&md5=3>

DOI: 10.1155/2020/2785278

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 51) Vaneke, T., Bernard, A., Moroni, G., Gibson, I., Zhang, Y.

[Design for additive manufacturing: Framework and methodology](#)

(2020) CIRP Annals, 69 (2), pp. 578-599. Cited 28 times.

- 51) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089147181&doi=10.1016%2fj.cirp.2020.05.006&partnerID=40&md5=e>

DOI: 10.1016/j.cirp.2020.05.006

Document Type: Article

Publication Stage: Final

Source: Scopus

- 52) Kizilay, D., Çil, Z.A.

[Constraint programming approach for multi-objective two-sided assembly line balancing problem with multi-operator stations](#)

(2020) Engineering Optimization, pp. 1-16. Cited 3 times.

- 52) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088016876&doi=10.1080%2f0305215X.2020.1786081&partnerID=40&md5=3>

DOI: 10.1080/0305215X.2020.1786081

Document Type: Article

Publication Stage: Final

Source: Scopus

- 53) Erana-Diaz, M.L., Cruz-Chavez, M.A., Rivera-Lopez, R., Martinez-Bahena, B., Avila-Melgar, E.Y., Heriberto Cruz-Rosales, M.

[Optimization for Risk Decision-Making through Simulated Annealing](#)

(2020) IEEE Access, 8, art. no. 9125878, pp. 117063-117079. Cited 3 times.

- 53) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087826502&doi=10.1109%2fACCESS.2020.3005084&partnerID=40&md5=10.1109%2fACCESS.2020.3005084>
DOI: 10.1109/ACCESS.2020.3005084

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 54) Chen, T.-C.T.

[Production and transportation planning for a ubiquitous manufacturing system based on three-dimensional printing](#)

(2020) SpringerBriefs in Applied Sciences and Technology, pp. 63-81. Cited 1 time.

- 54) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087202658&doi=10.1007%2f978-3-030-49150-5_5&partnerID=40&md5=10.1007%2f978-3-030-49150-5_5
DOI: 10.1007/978-3-030-49150-5_5

Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

- 55) Xu, M., Wang, H., Xiao, S., Wang, W.

[Artificial Bee Colony Algorithm Based on New Search Strategy](#)

(2020) Communications in Computer and Information Science, 1205 CCIS, pp. 772-779.

- 55) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086073458&doi=10.1007%2f978-981-15-5577-0_62&partnerID=40&md5=10.1007%2f978-981-15-5577-0_62
DOI: 10.1007/978-981-15-5577-0_62

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 56) Mertens, A., Delahaye, J., Dedry, O., Vertruyen, B., Tchuindjang, J.T., Habraken, A.M.

[Microstructure and properties of SLM AISi10Mg: Understanding the influence of the local thermal history](#)

(2020) Procedia Manufacturing, 47, pp. 1089-1095. Cited 3 times.

- 56) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085511767&doi=10.1016%2fj.promfg.2020.04.121&partnerID=40&md5=10.1016%2fj.promfg.2020.04.121>

DOI: 10.1016/j.promfg.2020.04.121

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 57) Yuan, G., Yang, Y., Pham, D.T.

[Multiobjective Ecological Strategy Optimization for Two-Stage Disassembly Line Balancing with Constrained-Resource](#)

(2020) IEEE Access, 8, art. no. 9091508, pp. 88745-88758. Cited 2 times.

- 57) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085170850&doi=10.1109%2fACCESS.2020.2994065&partnerID=40&md5=fffc477fb7ecb0af579a88b9263def8d>

DOI: 10.1109/ACCESS.2020.2994065

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 58) Liu, F., Jingchao, W., Zhi, T., Bin, L., Yue, G., Zhang, D.Z.

[An aerospace integrated component application based on selective laser melting: Design, fabrication and FE simulation](#)

(2020) Solid Freeform Fabrication 2018: Proceedings of the 29th Annual International Solid Freeform

Fabrication Symposium - An Additive Manufacturing Conference, SFF 2018, pp. 488-499. Cited 1

time.

- 58) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084954927&partnerID=40&md5=fffc477fb7ecb0af579a88b9263def8d>

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 59) Pan, T., Karnati, S., Liou, F.

[General rules for pre-process planning in powder bed fusion system - A review](#)

(2020) Solid Freeform Fabrication 2018: Proceedings of the 29th Annual International Solid Freeform

Fabrication Symposium - An Additive Manufacturing Conference, SFF 2018, pp. 1161-1173. Cited 1

time.

- 59) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084950290&partnerID=40&md5=2de128b65ed4e84a28e010ca88e3dc>

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 60) Wang, H., Sheng, B., Lu, Q., Luo, R., Fu, G.

[A multi-objective cuckoo search algorithm based on the record matrix for a mixed-model assembly line car-sequencing problem](#)

(2020) IEEE Access, 8, art. no. 9076059, pp. 76453-76470.

- 60) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084821519&doi=10.1109%2fACCESS.2020.2989627&partnerID=40&md5=5eaf8f9d3684f4af9c42ea795271d7e6>
DOI: 10.1109/ACCESS.2020.2989627

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 61) Özbakır, L., Seçme, G.

[A hyper-heuristic approach for stochastic parallel assembly line balancing problems with equipment costs](#)

(2020) Operational Research, .

- 61) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083194798&doi=10.1007%2fs12351-020-00561-x&partnerID=40&md5=5eaf8f9d3684f4af9c42ea795271d7e6>
DOI: 10.1007/s12351-020-00561-x

Document Type: Article

Publication Stage: Article in Press

Source: Scopus

- 62) Eguren, J.A., Esnaola, A., Unzueta, G.

[Modelling of an additive 3d-printing process based on design of experiments methodology](#)

(2020) Quality Innovation Prosperity, 24 (1), pp. 128-151. Cited 2 times.

- 62) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083173430&doi=10.12776%2fQIP.V24I1.1435&partnerID=40&md5=5eaf8f9d3684f4af9c42ea795271d7e6>
DOI: 10.12776/QIP.V24I1.1435

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 63) Seok, P.H., Son, N.D.

[AI 3D printing process parameters optimization](#)

(2020) ICAART 2020 - Proceedings of the 12th International Conference on Agents and Artificial Intelligence, 2, pp. 356-361.

- 63) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083106004&partnerID=40&md5=5eaf8f9d3684f4af9c42ea795271d7e6>
Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 64) Fera, M., Macchiaroli, R., Fruggiero, F., Lambiase, A.

[A modified tabu search algorithm for the single-machine scheduling problem using additive manufacturing technology](#)

(2020) International Journal of Industrial Engineering Computations, 11 (3), pp. 401-414. Cited 3 times.

- 64) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083017871&doi=10.5267%2fj.ijiec.2020.1.001&partnerID=40&md5=5c>
DOI: 10.5267/j.ijiec.2020.1.001

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 65) Belhadj, I., Trigui, M., Aifaoui, N., Benamara, A.

[From Assembly Planning to Secondary Assembly's Lines Identification](#)

(2020) Lecture Notes in Mechanical Engineering, pp. 1-11.

- 65) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083004036&doi=10.1007%2f978-3-030-27146-6_1&partnerID=40&md5=5c
DOI: 10.1007/978-3-030-27146-6_1

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 66) Lin, J.-T., Liu, H.-W., Chiu, Y.-C., Chen, K.-T., Cheng, D.-C.

[3-Wavelength \(UV, Blue, Red\) Controlled Photo-Confinement for 3D-Printing: Kinetics and Modeling](#)

(2020) IEEE Access, 8, art. no. 9027876, pp. 49353-49362. Cited 4 times.

- 66) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082301167&doi=10.1109%2fACCESS.2020.2979172&partnerID=40&md5=5c>
DOI: 10.1109/ACCESS.2020.2979172

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 67) Meng, K., Tang, Q., Zhang, Z., Qian, X.

[An Improved Lexicographical Whale Optimization Algorithm for the Type-II Assembly Line Balancing Problem Considering Preventive Maintenance Scenarios](#)

(2020) IEEE Access, 8, art. no. 8988259, pp. 30421-30435. Cited 4 times.

- 67) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079766262&doi=10.1109%2fACCESS.2020.2972619&partnerID=40&md5=10.1109/ACCESS.2020.2972619>
DOI: 10.1109/ACCESS.2020.2972619

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus

- 68) Eghtesadifard, M., Khalifeh, M., Khorram, M.
[A systematic review of research themes and hot topics in assembly line balancing through the web of science within 1990–2017](#)
(2020) Computers and Industrial Engineering, 139, art. no. 106182, . Cited 12 times.

- 68) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075844073&doi=10.1016%2fj.cie.2019.106182&partnerID=40&md5=10.1016/j.cie.2019.106182>
DOI: 10.1016/j.cie.2019.106182

Document Type: Article
Publication Stage: Final
Source: Scopus

- 69) Ge, J., Ma, T., Han, W., Yuan, T., Jin, T., Fu, H., Xiao, R., Lei, Y., Lin, J.
[Thermal-induced microstructural evolution and defect distribution of wire-arc additive manufacturing 2Cr13 part: Numerical simulation and experimental characterization](#)
(2019) Applied Thermal Engineering, 163, art. no. 114335, . Cited 8 times.

- 69) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071954314&doi=10.1016%2fj.applthermaleng.2019.114335&partnerID=40&md5=10.1016/j.applthermaleng.2019.114335>
DOI: 10.1016/j.applthermaleng.2019.114335

Document Type: Article
Publication Stage: Final
Source: Scopus

- 70) Fathollahi-Fard, A.M., Govindan, K., Hajiaghaei-Keshteli, M., Ahmadi, A.
[A green home health care supply chain: New modified simulated annealing algorithms](#)
(2019) Journal of Cleaner Production, 240, art. no. 118200, . Cited 63 times.

- 70) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071639294&doi=10.1016%2fj.jclepro.2019.118200&partnerID=40&md5=10.1016/j.jclepro.2019.118200>
DOI: 10.1016/j.jclepro.2019.118200

Document Type: Article
Publication Stage: Final
Source: Scopus

71) Plocher, J., Panesar, A.

[Review on design and structural optimisation in additive manufacturing: Towards next-generation lightweight structures](#)

(2019) Materials and Design, 183, art. no. 108164, . Cited 126 times.

71) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071563432&doi=10.1016%2fj.matdes.2019.108164&partnerID=40&md5=a870a121337>

DOI: 10.1016/j.matdes.2019.108164

Document Type: Review

Publication Stage: Final

Access Type: Open Access

Source: Scopus

72) Zhang, J., Yao, X., Liu, M., Wang, Y.

[A Bayesian Discrete Optimization Algorithm for Permutation Based Combinatorial Problems](#)

(2019) 2019 IEEE Symposium Series on Computational Intelligence, SSCI 2019, art. no. 9002675,

pp. 874-881.

72) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080872516&doi=10.1109%2fSSCI44817.2019.9002675&partnerID=40&md5=a870a121337>

DOI: 10.1109/SSCI44817.2019.9002675

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

73) Li, Z., Kuai, Z., Bai, P., Nie, Y., Fu, G., Liu, W., Yang, S.

[Microstructure and tensile properties of AlSi10Mg alloy manufactured by multi-laser beam selective laser melting \(SLM\)](#)

(2019) Metals, 9 (12), art. no. 1337, . Cited 8 times.

73) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076603721&doi=10.3390%2fmet9121337&partnerID=40&md5=a870a121337>

DOI: 10.3390/met9121337

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

74) Yang, T., Xie, D., Yue, W., Wang, S., Rong, P., Shen, L., Zhao, J., Wang, C.

[Distortion of thin-walled structure fabricated by selective laser melting based on assumption of constraining force-induced distortion](#)

(2019) Metals, 9 (12), art. no. 1281, . Cited 4 times.

74) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076106876&doi=10.3390%2fmet9121281&partnerID=40&md5=af5e40a121337>

DOI: 10.3390/met9121281

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 75) Cohen, Y., Faccio, M., Pilati, F., Yao, X.

[Design and management of digital manufacturing and assembly systems in the Industry 4.0 era](#)

(2019) International Journal of Advanced Manufacturing Technology, 105 (9), pp. 3565-3577. Cited

41 times.

- 75) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075373646&doi=10.1007%2fs00170-019-04595-0&partnerID=40&md5=>

DOI: 10.1007/s00170-019-04595-0

Document Type: Editorial

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 76) Liu, S., Chang, S., Zhu, H., Yin, J., Wang, T., Zeng, X.

[Effect of substrate material on the molten pool characteristics in selective laser melting of thin wall parts](#)

(2019) International Journal of Advanced Manufacturing Technology, 105 (7-8), pp. 3221-3231. Cited

1 time.

- 76) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075154170&doi=10.1007%2fs00170-019-04540-1&partnerID=40&md5=>

DOI: 10.1007/s00170-019-04540-1

Document Type: Article

Publication Stage: Final

Source: Scopus

- 77) Zhong, Y., Deng, Z., Xu, K.

[An effective artificial fish swarm optimization algorithm for two-sided assembly line balancing problems](#)

(2019) Computers and Industrial Engineering, 138, art. no. 106121, . Cited 9 times.

- 77) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073205024&doi=10.1016%2fj.cie.2019.106121&partnerID=40&md5=>

DOI: 10.1016/j.cie.2019.106121

Document Type: Article

Publication Stage: Final

Source: Scopus

78) Kong, W., Qiao, F., Wu, Q.

[A naive optimization method for multi-line systems with alternative machines](#)

(2019) Frontiers of Mechanical Engineering, 14 (4), pp. 377-392.

78) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070968181&doi=10.1007%2fs11465-019-0544-z&partnerID=40&md5=>

DOI: 10.1007/s11465-019-0544-z

Document Type: Article

Publication Stage: Final

Source: Scopus

79) Cohen, Y., Naseraldin, H., Chaudhuri, A., Pilati, F.

[Assembly systems in Industry 4.0 era: a road map to understand Assembly 4.0](#)

(2019) International Journal of Advanced Manufacturing Technology, 105 (9), pp. 4037-4054. Cited

49 times.

79) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070196804&doi=10.1007%2fs00170-019-04203-1&partnerID=40&md5=>

DOI: 10.1007/s00170-019-04203-1

Document Type: Article

Publication Stage: Final

Source: Scopus

80) Liang, X., Chen, Q., Cheng, L., Hayduke, D., To, A.C.

[Modified inherent strain method for efficient prediction of residual deformation in direct metal laser sintered components](#)

(2019) Computational Mechanics, 64 (6), pp. 1719-1733. Cited 21 times.

80) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068798297&doi=10.1007%2fs00466-019-01748-6&partnerID=40&md5=>

DOI: 10.1007/s00466-019-01748-6

Document Type: Article

Publication Stage: Final

Source: Scopus

81) Tan, Q., Tong, Y., Wu, S., Li, D.

[Modeling, planning, and scheduling of shop-floor assembly process with dynamic cyber-physical interactions: a case study for CPS-based smart industrial robot production](#)

(2019) International Journal of Advanced Manufacturing Technology, 105 (9), pp. 3979-3989. Cited 8 times.

81) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068756165&doi=10.1007%2fs00170-019-03940-7&partnerID=40&md5=>

DOI: 10.1007/s00170-019-03940-7

Document Type: Article
 Publication Stage: Final
 Source: Scopus

- 82) Li, Q., Zhang, D., Wang, S., Kucukkoc, I.

[A dynamic order acceptance and scheduling approach for additive manufacturing on-demand production](#)

(2019) International Journal of Advanced Manufacturing Technology, 105 (9), pp. 3711-3729. Cited 14 times.

- 82) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066051236&doi=10.1007%2fs00170-019-03796-x&partnerID=40&md5=DOI: 10.1007/s00170-019-03796-x](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066051236&doi=10.1007%2fs00170-019-03796-x&partnerID=40&md5=DOI:10.1007/s00170-019-03796-x)

Document Type: Article
 Publication Stage: Final
 Access Type: Open Access
 Source: Scopus

- 83) Li, Z., Janardhanan, M.N., Ashour, A.S., Dey, N.

[Mathematical models and migrating birds optimization for robotic U-shaped assembly line balancing problem](#)

(2019) Neural Computing and Applications, 31 (12), pp. 9095-9111. Cited 12 times.

- 83) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059277017&doi=10.1007%2fs00521-018-3957-4&partnerID=40&md5=DOI: 10.1007/s00521-018-3957-4](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059277017&doi=10.1007%2fs00521-018-3957-4&partnerID=40&md5=DOI:10.1007/s00521-018-3957-4)

Document Type: Article
 Publication Stage: Final
 Source: Scopus

- 84) Kucukkoc, I., Buyukozkan, K., Satoglu, S.I., Zhang, D.Z.

[A mathematical model and artificial bee colony algorithm for the lexicographic bottleneck mixed-model assembly line balancing problem](#)

(2019) Journal of Intelligent Manufacturing, 30 (8), pp. 2913-2925. Cited 15 times.

- 84) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941661819&doi=10.1007%2fs10845-015-1150-5&partnerID=40&md5=DOI: 10.1007/s10845-015-1150-5](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941661819&doi=10.1007%2fs10845-015-1150-5&partnerID=40&md5=DOI:10.1007/s10845-015-1150-5)

Document Type: Article
 Publication Stage: Final
 Source: Scopus

- 85) de Souza, A.F., Al-Rubaie, K.S., Marques, S., Zluhan, B., Santos, E.C.

Effect of laser speed, layer thickness, and part position on the mechanical properties of maraging 300 parts manufactured by selective laser melting

(2019) Materials Science and Engineering A, 767, art. no. 138425, . Cited 19 times.

- 85) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072292498&doi=10.1016%2fj.msea.2019.138425&partnerID=40&md5=10.1016/j.msea.2019.138425>
DOI: 10.1016/j.msea.2019.138425

Document Type: Article

Publication Stage: Final

Source: Scopus

- 86) Bosio, F., Aversa, A., Lorusso, M., Marola, S., Gianoglio, D., Battezzati, L., Fino, P., Manfredi, D., Lombardi, M.

A time-saving and cost-effective method to process alloys by Laser Powder Bed Fusion

(2019) Materials and Design, 181, art. no. 107949, . Cited 16 times.

- 86) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067586112&doi=10.1016%2fj.matdes.2019.107949&partnerID=40&md5=10.1016/j.matdes.2019.107949>
DOI: 10.1016/j.matdes.2019.107949

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 87) Li, Z., Kucukkoc, I., Zhang, Z.

Iterated local search method and mathematical model for sequence-dependent U-shaped disassembly line balancing problem

(2019) Computers and Industrial Engineering, 137, art. no. 106056, . Cited 9 times.

- 87) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072849674&doi=10.1016%2fj.cie.2019.106056&partnerID=40&md5=10.1016/j.cie.2019.106056>
DOI: 10.1016/j.cie.2019.106056

Document Type: Article

Publication Stage: Final

Source: Scopus

- 88) Li, Z., Janardhanan, M.N., Tang, Q., Ponnambalam, S.G.

Model and metaheuristics for robotic two-sided assembly line balancing problems with setup times

(2019) Swarm and Evolutionary Computation, 50, art. no. 100567, . Cited 13 times.

- 88) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071723046&doi=10.1016%2fj.swevo.2019.100567&partnerID=40&md5=10.1016/j.swevo.2019.100567>
DOI: 10.1016/j.swevo.2019.100567

Document Type: Article

Publication Stage: Final

Source: Scopus

- 89) Janardhanan, M.N., Li, Z., Nielsen, P.

[Model and migrating birds optimization algorithm for two-sided assembly line worker assignment and balancing problem](#)

(2019) Soft Computing, 23 (21), pp. 11263-11276. Cited 9 times.

- 89) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058026922&doi=10.1007%2fs00500-018-03684-8&partnerID=40&md5=10.1007/s00500-018-03684-8>
DOI: 10.1007/s00500-018-03684-8

Document Type: Article

Publication Stage: Final

Source: Scopus

- 90) Zhang, Z., Tang, Q., Han, D., Li, Z.

[Enhanced migrating birds optimization algorithm for U-shaped assembly line balancing problems with workers assignment](#)

(2019) Neural Computing and Applications, 31 (11), pp. 7501-7515. Cited 20 times.

- 90) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049123414&doi=10.1007%2fs00521-018-3596-9&partnerID=40&md5=10.1007/s00521-018-3596-9>
DOI: 10.1007/s00521-018-3596-9

Document Type: Article

Publication Stage: Final

Source: Scopus

- 91) Nemtinov, V., Kryuchin, N., Kryuchin, A., Nemtinova, Y.

[Design and study of seeding devices for small selection seeding machines](#)

(2019) E3S Web of Conferences, 126, art. no. 00008, . Cited 2 times.

- 91) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074954068&doi=10.1051%2fe3sconf%2f201912600008&partnerID=40&md5=10.1051/e3sconf/201912600008>
DOI: 10.1051/e3sconf/201912600008

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 92) Zhang, L., Song, B., Zhao, A., Liu, R., Yang, L., Shi, Y.

[Study on mechanical properties of honeycomb pentamode structures fabricated by laser additive manufacturing: Numerical simulation and experimental verification](#)

(2019) Composite Structures, 226, art. no. 111199, . Cited 26 times.

- 92) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068999016&doi=10.1016%2fj.compstruct.2019.111199&partnerID=40&md5=10.1016/j.compstruct.2019.111199>

DOI: 10.1016/j.compstruct.2019.111199

Document Type: Article

Publication Stage: Final

Source: Scopus

- 93) Zhang, P., He, A.N., Liu, F., Zhang, K., Jiang, J., Zhang, D.Z.

[Evaluation of low cycle fatigue performance of selective laser melted titanium alloy Ti-6Al-4V](#)

(2019) Metals, 9 (10), art. no. 1041, . Cited 7 times.

- 93) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073436275&doi=10.3390%2fmet9101041&partnerID=40&md5=bf8b13>

DOI: 10.3390/met9101041

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 94) Chen, C., Yin, J., Zhu, H., Xiao, Z., Zhang, L., Zeng, X.

[Effect of overlap rate and pattern on residual stress in selective laser melting](#)

(2019) International Journal of Machine Tools and Manufacture, 145, art. no. 103433, . Cited 34

times.

- 94) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069813620&doi=10.1016%2fj.ijmachtools.2019.103433&partnerID=40>

DOI: 10.1016/j.ijmachtools.2019.103433

Document Type: Article

Publication Stage: Final

Source: Scopus

- 95) Liu, H., Qin, X., Wu, M., Ni, M., Huang, S.

[Numerical simulation of thermal and stress field of single track cladding in wide-beam laser cladding](#)

(2019) International Journal of Advanced Manufacturing Technology, 104 (9-12), pp. 3959-3976.

Cited 5 times.

- 95) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069657661&doi=10.1007%2fs00170-019-04056-8&partnerID=40&md5>

DOI: 10.1007/s00170-019-04056-8

Document Type: Article

Publication Stage: Final

Source: Scopus

- 96) Zhang, N., Zhang, L.-C., Chen, Y., Shi, Y.-S.

Local Barycenter Based Efficient Tree-Support Generation for 3D Printing

(2019) CAD Computer Aided Design, 115, pp. 277-292. Cited 8 times.

- 96) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067967310&doi=10.1016%2fj.cad.2019.06.004&partnerID=40&md5=1>
DOI: 10.1016/j.cad.2019.06.004

Document Type: Article

Publication Stage: Final

Source: Scopus

- 97) Chen, C., Yin, J., Zhu, H., Zeng, X., Wang, G., Ke, L., Zhu, J., Chang, S.

The effect of process parameters on the residual stress of selective laser melted Inconel 718 thin-walled part

(2019) Rapid Prototyping Journal, 25 (8), pp. 1359-1369. Cited 10 times.

- 97) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070373759&doi=10.1108%2fRPJ-09-2018-0249&partnerID=40&md5=1>
DOI: 10.1108/RPJ-09-2018-0249

Document Type: Article

Publication Stage: Final

Source: Scopus

- 98) Li, Y., Su, K., Bai, P., Wu, L., Liu, B., Su, H., Du, W.

Effect of TiBCN Content on Microstructure and Properties of Laser Cladding Ti/TiBCN Composite Coatings

(2019) Metals and Materials International, 25 (5), pp. 1366-1377. Cited 4 times.

- 98) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070672386&doi=10.1007%2fs12540-019-00287-2&partnerID=40&md5=1>
DOI: 10.1007/s12540-019-00287-2

Document Type: Article

Publication Stage: Final

Source: Scopus

- 99) Rabbani, M., Aliabadi, L., Farrokhi-Asl, H.

A multi-objective mixed model two-sided assembly line sequencing problem in a make -to- order environment with customer order prioritization

(2019) Journal of Optimization in Industrial Engineering, 12 (2), pp. 1-20. Cited 3 times.

- 99) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085390472&doi=10.22094%2fJOIE.2018.680.1436&partnerID=40&md5=1>
DOI: 10.22094/JOIE.2018.680.1436

Document Type: Article

Publication Stage: Final

Source: Scopus

100) Dolgui, A., Petroodi, S.E.H., Kovalev, S., Kovalyov, M.Y., Thevenin, S.

[Workforce planning and assignment in mixed-model assembly lines as a factor of line reconfigurability: State of the art](#)

(2019) IFAC-PapersOnLine, 52 (13), pp. 2746-2751. Cited 5 times.

100) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078921375&doi=10.1016%2fj.ifacol.2019.11.623&partnerID=40&md5=>

DOI: 10.1016/j.ifacol.2019.11.623

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

101) Li, Q., Zhang, D., Kucukkoc, I.

[Order acceptance and scheduling in direct digital manufacturing with additive manufacturing](#)

(2019) IFAC-PapersOnLine, 52 (13), pp. 1016-1021. Cited 3 times.

101) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078898939&doi=10.1016%2fj.ifacol.2019.11.328&partnerID=40&md5=>

DOI: 10.1016/j.ifacol.2019.11.328

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

102) Lingitz, L., Gallina, V., Kardos, C., Koltai, T., Sihn, W.

[Balancing non-bottleneck stations using simple assembly line balancing models](#)

(2019) IFAC-PapersOnLine, 52 (13), pp. 1432-1437.

102) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078896993&doi=10.1016%2fj.ifacol.2019.11.400&partnerID=40&md5=>

DOI: 10.1016/j.ifacol.2019.11.400

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

103) Zhang, L., Zhu, H., Zhang, S., Wang, G., Zeng, X.

[Fabricating high dimensional accuracy LPBFed Ti6Al4V part by using bi-parameter method](#)

(2019) Optics and Laser Technology, 117, pp. 79-86. Cited 7 times.

103) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064122712&doi=10.1016%2fj.optlastec.2019.04.009&partnerID=40&md5=>

DOI: 10.1016/j.optlastec.2019.04.009

Document Type: Article

Publication Stage: Final

Source: Scopus

- 104) Dhiman, S., Sidhu, S.S., Bains, P.S., Bahraminasab, M.

[Mechanobiological assessment of Ti-6Al-4V fabricated via selective laser melting technique: a review](#)

(2019) Rapid Prototyping Journal, 25 (7), pp. 1266-1284. Cited 11 times.

- 104) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070401073&doi=10.1108%2fRPJ-03-2019-0057&partnerID=40&md5=>
DOI: 10.1108/RPJ-03-2019-0057

Document Type: Review

Publication Stage: Final

Source: Scopus

- 105) Kazemi, M., Rahimi, A.

[Improving the efficiency of fabrication of AM parts by segmentation design in DLP process](#)

(2019) Rapid Prototyping Journal, 25 (7), pp. 1155-1168.

- 105) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070331874&doi=10.1108%2fRPJ-09-2018-0253&partnerID=40&md5=>
DOI: 10.1108/RPJ-09-2018-0253

Document Type: Article

Publication Stage: Final

Source: Scopus

- 106) Pant, M., Sood, M., Dixit, A., Garg, S.

[Design of Manufacturing, Control, and Automation Systems](#)

(2019) Advances in Applied Mathematical Analysis and Applications, pp. 159-177.

- 106) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106633614&partnerID=40&md5=3e88b4f690b8554b084297ee406998>
Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

- 107) Delahaye, J., Tchuindjang, J.T., Lecomte-Beckers, J., Rigo, O., Habraken, A.M., Mertens, A.

[Influence of Si precipitates on fracture mechanisms of AISi10Mg parts processed by Selective Laser Melting](#)

(2019) Acta Materialia, 175, pp. 160-170. Cited 58 times.

- 107) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067276888&doi=10.1016%2fj.actamat.2019.06.013&partnerID=40&md5=>
DOI: 10.1016/j.actamat.2019.06.013

Document Type: Article

Publication Stage: Final

Source: Scopus

- 108) Baci, A.M., Bejinariu, C., Corăbieru, A., Mihalache, E., Lupu-Polici, M., Baci, C., Baci, E.R.
[Influence of process parameters for Selective Laser Melting on the roughness of 3D printed surfaces in Co-Cr dental alloy powder](#)
 (2019) IOP Conference Series: Materials Science and Engineering, 572 (1), art. no. 012054, . Cited 3 times.

108) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070570227&doi=10.1088%2f1757-899X%2f572%2f1%2f012054&partnerID=40&md5=10.1088/1757-899X/572/1/012054>
 DOI: 10.1088/1757-899X/572/1/012054

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 109) Majumdar, T., Bazin, T., Ribeiro, E.M.C., Frith, J.E., Birbilis, N.
[Understanding the effects of PBF process parameter interplay on Ti-6Al-4V surface properties](#)
 (2019) PLoS ONE, 14 (8), art. no. e0221198, . Cited 6 times.

109) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071396794&doi=10.1371%2fjournal.pone.0221198&partnerID=40&md5=10.1371/journal.pone.0221198>
 DOI: 10.1371/journal.pone.0221198

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 110) Ab Rashid, M.F.F., Tiwari, A., Hutabarat, W.
[Integrated optimization of mixed-model assembly sequence planning and line balancing using Multi-objective Discrete Particle Swarm Optimization](#)
 (2019) Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 33 (3), pp. 332-345. Cited 6 times.

110) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065406672&doi=10.1017%2fS0890060419000131&partnerID=40&md5=10.1017/S0890060419000131>
 DOI: 10.1017/S0890060419000131

Document Type: Article

Publication Stage: Final

Source: Scopus

- 111) Wang, Y., Zheng, P., Xu, X., Yang, H., Zou, J.
[Production planning for cloud-based additive manufacturing—A computer vision-based approach](#)

(2019) Robotics and Computer-Integrated Manufacturing, 58, pp. 145-157. Cited 19 times.

- 111) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062502010&doi=10.1016%2fj.rcim.2019.03.003&partnerID=40&md5=3>
DOI: 10.1016/j.rcim.2019.03.003

Document Type: Article

Publication Stage: Final

Source: Scopus

- 112) He, M.-F., Xing, L.-N., Li, W., Xiang, S., Tan, X.

[Double layer programming model to the scheduling of remote sensing data processing tasks](#)

(2019) Discrete and Continuous Dynamical Systems - Series S, 12 (4-5), pp. 1515-1526.

- 112) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062013753&doi=10.3934%2fdcdss.2019104&partnerID=40&md5=fbb>
DOI: 10.3934/dcdss.2019104

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 113) Yuan, M., Yu, H., Huang, J., Ji, A.

[Reconfigurable assembly line balancing for cloud manufacturing](#)

(2019) Journal of Intelligent Manufacturing, 30 (6), pp. 2391-2405. Cited 9 times.

- 113) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041898774&doi=10.1007%2fs10845-018-1398-7&partnerID=40&md5=3>
DOI: 10.1007/s10845-018-1398-7

Document Type: Article

Publication Stage: Final

Source: Scopus

- 114) Maiyar, L.M., Singh, S., Prabhu, V., Tiwari, M.K.

[Part segregation based on particle swarm optimisation for assembly design in additive manufacturing](#)

(2019) International Journal of Computer Integrated Manufacturing, 32 (7), pp. 705-722. Cited 6 times.

- 114) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065329373&doi=10.1080%2f0951192X.2019.1610577&partnerID=40&md5=3>
DOI: 10.1080/0951192X.2019.1610577

Document Type: Article

Publication Stage: Final

Source: Scopus

115) Jiang, J., Hu, G., Li, X., Xu, X., Zheng, P., Stringer, J.

[Analysis and prediction of printable bridge length in fused deposition modelling based on back propagation neural network](#)

(2019) Virtual and Physical Prototyping, 14 (3), pp. 253-266. Cited 46 times.

115) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061443474&doi=10.1080%2f17452759.2019.1576010&partnerID=40&DOI=10.1080/17452759.2019.1576010>

Document Type: Article

Publication Stage: Final

Source: Scopus

116) Kuliaev, V., Atmojo, U.D., Sierla, S., Blech, J.O., Vyatkin, V.

[Towards product centric manufacturing: From digital twins to product assembly](#)

(2019) IEEE International Conference on Industrial Informatics (INDIN), 2019-July, art. no. 8972137, pp. 164-171. Cited 13 times.

116) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079029996&doi=10.1109%2fINDIN41052.2019.8972137&partnerID=40&DOI=10.1109/INDIN41052.2019.8972137>

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

117) Chen, J.C., Chen, Y.-Y., Chen, T.-L., Kuo, Y.-H.

[Applying two-phase adaptive genetic algorithm to solve multi-model assembly line balancing problems in TFT-LCD module process](#)

(2019) Journal of Manufacturing Systems, 52, pp. 86-99. Cited 11 times.

117) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066793068&doi=10.1016%2fj.jmsy.2019.05.009&partnerID=40&md5=40&DOI=10.1016/j.jmsy.2019.05.009>

Document Type: Article

Publication Stage: Final

Source: Scopus

118) Özcan, U.

[Balancing and scheduling tasks in parallel assembly lines with sequence-dependent setup times](#)

(2019) International Journal of Production Economics, 213, pp. 81-96. Cited 13 times.

118) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063257738&doi=10.1016%2fj.ijpe.2019.02.023&partnerID=40&md5=40&DOI=10.1016/j.ijpe.2019.02.023>

Document Type: Article

Publication Stage: Final

Source: Scopus

119) Duan, X., Wu, B., Hu, Y., Liu, J., Xiong, J.

[An improved artificial bee colony algorithm with MaxTF heuristic rule for two-sided assembly line balancing problem](#)

(2019) Frontiers of Mechanical Engineering, 14 (2), pp. 241-253. Cited 7 times.

119) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049667832&doi=10.1007%2fs11465-018-0518-6&partnerID=40&md5=7b11465-018-0518-6>
DOI: 10.1007/s11465-018-0518-6

Document Type: Article

Publication Stage: Final

Source: Scopus

120) Yadav, A., Agrawal, S.

[Minimize idle time in two sided assembly line balancing using exact search approach](#)

(2019) ACM International Conference Proceeding Series, pp. 220-227. Cited 1 time.

120) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070998409&doi=10.1145%2f3335550.3335591&partnerID=40&md5=7b1145-3335550.3335591>
DOI: 10.1145/3335550.3335591

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

121) Kucukkoc, I.

[MILP models to minimise makespan in additive manufacturing machine scheduling problems](#)

(2019) Computers and Operations Research, 105, pp. 58-67. Cited 26 times.

121) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060104392&doi=10.1016%2fj.cor.2019.01.006&partnerID=40&md5=7b1016-j.cor.2019.01.006>
DOI: 10.1016/j.cor.2019.01.006

Document Type: Article

Publication Stage: Final

Source: Scopus

122) Lin, K., Yuan, L., Gu, D.

[Influence of laser parameters and complex structural features on the bio-inspired complex thin-wall structures fabricated by selective laser melting](#)

(2019) Journal of Materials Processing Technology, 267, pp. 34-43. Cited 19 times.

122) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057627314&doi=10.1016%2fj.jmatprotec.2018.12.004&partnerID=40&md5=7b1016-j.jmatprotec.2018.12.004>
DOI: 10.1016/j.jmatprotec.2018.12.004

Document Type: Article
 Publication Stage: Final
 Source: Scopus

- 123) Zhang, H., Guo, Y., Jiang, K., Bourell, D., Li, J., Yu, Y.
[Characterization and optimization of laser sintering copolyamide/polyether sulfone hot-melt adhesive mixtures](#)
 (2019) Rapid Prototyping Journal, 25 (3), pp. 614-622. Cited 2 times.

123) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058855524&doi=10.1108%2fRPJ-12-2017-0245&partnerID=40&md5=>
 DOI: 10.1108/RPJ-12-2017-0245

Document Type: Article
 Publication Stage: Final
 Source: Scopus

- 124) Bakar, N.A., Ramli, M.F., Zakaria, M.Z., Sin, T.C., Masran, H.
[Minimization of Bottleneck and Workstations for Assembly Line Balancing Problem in Power Transformer Manufacturing Using Heuristics](#)
 (2019) 2018 IEEE 5th International Conference on Smart Instrumentation, Measurement and Application, ICSIMA 2018, art. no. 8688780, .

124) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065027602&doi=10.1109%2fICSIMA.2018.8688780&partnerID=40&md5=>
 DOI: 10.1109/ICSIMA.2018.8688780

Document Type: Conference Paper
 Publication Stage: Final
 Source: Scopus

- 125) Mohammed, F.D., Juin, T.W., Zakaria, M.Z., Ramli, M.F.
[A Mathematical Model for Two-sided Assembly Line Balancing Problem in Motorcycle Production](#)
 (2019) 2018 IEEE 5th International Conference on Smart Instrumentation, Measurement and Application, ICSIMA 2018, art. no. 8688771, .

125) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065013716&doi=10.1109%2fICSIMA.2018.8688771&partnerID=40&md5=>
 DOI: 10.1109/ICSIMA.2018.8688771

Document Type: Conference Paper
 Publication Stage: Final
 Source: Scopus

- 126) Wah Law, E.K., Yung, W.K.C.
[Multi-objective ant colony optimization for production line balance and dynamic complexity](#)

(2019) 2019 IEEE 4th International Conference on Cloud Computing and Big Data Analytics, ICCCBDA 2019, art. no. 8725636, pp. 284-289.

- 126) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067489090&doi=10.1109%2fICCCBDA.2019.8725636&partnerID=40&md5=10.1109/ICCCBDA.2019.8725636>
DOI: 10.1109/ICCCBDA.2019.8725636

Document Type: Conference Paper
Publication Stage: Final
Source: Scopus

- 127) Yadav, A., Agrawal, S.
[A multi-manned parallel two-sided assembly line balancing with tool sharing approach-a company case study solved by exact solution approach](#)
(2019) International Journal of Mechanical and Production Engineering Research and Development, 9 (2), art. no. IJMPERDAPR20195, pp. 51-60. Cited 1 time.

- 127) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063936911&doi=10.24247%2fijmperdapr201905&partnerID=40&md5=10.24247/ijmperdapr201905>
DOI: 10.24247/ijmperdapr201905

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus

- 128) Romero-Silva, R., Shaaban, S.
[Influence of unbalanced operation time means and uneven buffer allocation on unreliable merging assembly line efficiency](#)
(2019) International Journal of Production Research, 57 (6), pp. 1645-1666. Cited 8 times.

- 128) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049922418&doi=10.1080%2f00207543.2018.1495344&partnerID=40&md5=10.1080/00207543.2018.1495344>
DOI: 10.1080/00207543.2018.1495344

Document Type: Article
Publication Stage: Final
Source: Scopus

- 129) Garshasbi, S., Mohammadi, Y., Graf, S., Garshasbi, S., Shen, J.
[Optimal learning group formation: A multi-objective heuristic search strategy for enhancing inter-group homogeneity and intra-group heterogeneity](#)
(2019) Expert Systems with Applications, 118, pp. 506-521. Cited 4 times.

- 129) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055208792&doi=10.1016%2fj.eswa.2018.10.034&partnerID=40&md5=10.1016/j.eswa.2018.10.034>
DOI: 10.1016/j.eswa.2018.10.034

Document Type: Article
 Publication Stage: Final
 Source: Scopus

130) Law, E.K.W., Yung, W.K.C.

[Optimizing control dynamic complexity and production schedule](#)

(2019) International Journal on Interactive Design and Manufacturing, 13 (1), pp. 47-58. Cited 1 time.

130) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048136510&doi=10.1007%2fs12008-018-0488-2&partnerID=40&md5=85048136510>
 DOI: 10.1007/s12008-018-0488-2

Document Type: Article
 Publication Stage: Final
 Source: Scopus

131) Razali, M.M., Kamarudin, N.H., Ab. Rashid, M.F.F., Mohd Rose, A.N.

[Recent trend in mixed-model assembly line balancing optimization using soft computing approaches](#)

(2019) Engineering Computations (Swansea, Wales), 36 (2), pp. 622-645. Cited 3 times.

131) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060144576&doi=10.1108%2fEC-05-2018-0205&partnerID=40&md5=85060144576>
 DOI: 10.1108/EC-05-2018-0205

Document Type: Review
 Publication Stage: Final
 Source: Scopus

132) Yang, M.S., Ba, L., Liu, Y., Zheng, H.Y., Yan, J.T., Gao, X.Q., Xiao, J.M.

[An improved genetic simulated annealing algorithm for stochastic two-sided assembly line balancing problem](#)

(2019) International Journal of Simulation Modelling, 18 (1), pp. 175-186. Cited 9 times.

132) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068014547&doi=10.2507%2fIJSIMM18%281%29CO4&partnerID=40&md5=85068014547>
 DOI: 10.2507/IJSIMM18(1)CO4

Document Type: Article
 Publication Stage: Final
 Access Type: Open Access
 Source: Scopus

133) Chutima, P., Suchanun, T.

[Productivity improvement with parallel adjacent U-shaped assembly lines](#)

(2019) Advances in Production Engineering And Management, 14 (1), pp. 51-64. Cited 5 times.

133) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064517213&doi=10.14743%2fapem2019.1.311&partnerID=40&md5=85064517213>

DOI: 10.14743/apem2019.1.311

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

134) Mao, X.

[Study on ant colony optimization algorithm for “one-day tour” traffic line](#)

(2019) Cluster Computing, 22, pp. 3673-3680. Cited 1 time.

134) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043390715&doi=10.1007%2fs10586-018-2217-9&partnerID=40&md5=>

DOI: 10.1007/s10586-018-2217-9

Document Type: Article

Publication Stage: Final

Source: Scopus

135) Zhao, Z., Li, J., Bai, P., Qu, H., Liang, M., Liao, H., Wu, L., Huo, P., Liu, H., Zhang, J.

[Microstructure and mechanical properties of tic-reinforced 316l stainless steel composites fabricated using selective laser melting](#)

(2019) Metals, 9 (2), art. no. 267, . Cited 47 times.

135) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062729702&doi=10.3390%2fmet9020267&partnerID=40&md5=bb064>

DOI: 10.3390/met9020267

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

136) Li, J., Zhao, Z., Bai, P., Qu, H., Liu, B., Li, L., Wu, L., Guan, R., Liu, H., Guo, Z.

[Microstructural evolution and mechanical properties of IN718 alloy fabricated by selective laser melting following different heat treatments](#)

(2019) Journal of Alloys and Compounds, 772, pp. 861-870. Cited 67 times.

136) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053529549&doi=10.1016%2fj.jallcom.2018.09.200&partnerID=40&md5=>

DOI: 10.1016/j.jallcom.2018.09.200

Document Type: Article

Publication Stage: Final

Source: Scopus

137) AlFaify, A., Hughes, J., Ridgway, K.

Controlling the porosity of 316L stainless steel parts manufactured via the powder bed fusion process

(2019) Rapid Prototyping Journal, 25 (1), pp. 162-175. Cited 11 times.

- 137) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056990607&doi=10.1108%2fRPJ-11-2017-0226&partnerID=40&md5=>
DOI: 10.1108/RPJ-11-2017-0226

Document Type: Article

Publication Stage: Final

Source: Scopus

- 138) Achim, K., Johannes, T., Sebastian, K.

A framework for implementation of 3D-printing of manufacturing equipment

(2019) Proceedings of the 2018 IEEE International Conference on Advanced Manufacturing, ICAM

2018, art. no. 8614948, pp. 53-56. Cited 2 times.

- 138) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062242732&doi=10.1109%2fAMCON.2018.8614948&partnerID=40&md5=>
DOI: 10.1109/AMCON.2018.8614948

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 139) Liu, H., Li, M., Qin, X., Huang, S., Hong, F.

Numerical simulation and experimental analysis of wide-beam laser cladding

(2019) International Journal of Advanced Manufacturing Technology, 100 (1-4), pp. 237-249. Cited 17 times.

- 139) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053831785&doi=10.1007%2fs00170-018-2740-0&partnerID=40&md5=>
DOI: 10.1007/s00170-018-2740-0

Document Type: Article

Publication Stage: Final

Source: Scopus

- 140) Li, Y., Wang, H., Yang, Z.

Type II assembly line balancing problem with multi-operators

(2019) Neural Computing and Applications, 31, pp. 347-357. Cited 7 times.

- 140) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055969276&doi=10.1007%2fs00521-018-3834-1&partnerID=40&md5=>
DOI: 10.1007/s00521-018-3834-1

Document Type: Article

Publication Stage: Final

Source: Scopus

141) Dourvas, N.I., Sirakoulis, G.C.H., Adamatzky, A.I.

[Parallel Accelerated Virtual Physarum Lab Based on Cellular Automata Agents](#)

(2019) IEEE Access, 7, art. no. 8758416, pp. 98306-98318. Cited 5 times.

141) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090039670&doi=10.1109%2fACCESS.2019.2927815&partnerID=40&md5=d8b95d3b0412b1768c179bd55be1d4>

DOI: 10.1109/ACCESS.2019.2927815

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

142) Manco, P., MacChiaroli, R., Maresca, P., Fera, M.

[The additive manufacturing operations management maturity: A closed or an open issue?](#)

(2019) Procedia Manufacturing, 41, pp. 98-105. Cited 3 times.

142) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084287804&partnerID=40&md5=d8b95d3b0412b1768c179bd55be1d4>

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

143) Guo, K., Qiao, L.H., Huang, Z.C.

[The effects of additive manufacturing process factors on component geometric shape deviation: A review](#)

(2019) Proceedings of International Conference on Computers and Industrial Engineering, CIE,

2019-October, .

143) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079507924&partnerID=40&md5=7743316121fa1769244823914f3c025>

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

144) Yadav, A., Verma, P., Agrawal, S.

[Minimizing length in a mixed model two sided assembly line using exact search method](#)

(2019) Management and Production Engineering Review, 10 (4), pp. 72-80.

144) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078623563&doi=10.24425%2fmper.2019.131447&partnerID=40&md5=10.24425/mper.2019.131447>

DOI: 10.24425/mper.2019.131447

Document Type: Article

Publication Stage: Final

Source: Scopus

145) Alonso, M., Brunete, A., Hernando, M., Gambao, E.

Background-Subtraction Algorithm Optimization for Home Camera-Based Night-Vision Fall Detectors

(2019) IEEE Access, 7, art. no. 8876591, pp. 152399-152411. Cited 6 times.

- 145) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078325977&doi=10.1109%2fACCESS.2019.2948321&partnerID=40&r>
DOI: 10.1109/ACCESS.2019.2948321

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 146) Wang, J.-Y.

Algorithms for minimizing resource consumption over multiple machines with a common due window

(2019) IEEE Access, 7, art. no. 8917637, pp. 172136-172151. Cited 1 time.

- 146) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078236706&doi=10.1109%2fACCESS.2019.2956551&partnerID=40&r>
DOI: 10.1109/ACCESS.2019.2956551

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 147) Nourmohammadi, A., Fathi, M., Zandieh, M., Ghobakhloo, M.

A water-flow like algorithm for solving U-shaped assembly line balancing problems

(2019) IEEE Access, 7, art. no. 8825795, pp. 129824-129833. Cited 7 times.

- 147) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077986702&doi=10.1109%2fACCESS.2019.2939724&partnerID=40&r>
DOI: 10.1109/ACCESS.2019.2939724

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 148) Oh, Y., Behdad, S.

An optimal quantity of scheduling model for mass customization-based additive manufacturing

(2019) Proceedings of the ASME Design Engineering Technical Conference, 2A-2019, .

- 148) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076456485&doi=10.1115%2fDETC2019-97913&partnerID=40&md5=b>
DOI: 10.1115/DETC2019-97913

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

149) Prabhu, S.R., Ilankumaran, M.

[Decision making methodology for the selection of 3D printer under fuzzy environment](#)

(2019) International Journal of Materials and Product Technology, 59 (3), pp. 239-252. Cited 1 time.

149) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074251566&doi=10.1504%2fIJMPT.2019.102935&partnerID=40&md5=>

DOI: 10.1504/IJMPT.2019.102935

Document Type: Article

Publication Stage: Final

Source: Scopus

150) Kharuddin, M.H., Ramli, M.F., Masran, M.H.

[Line balancing using heuristic procedure and simulation of assembly line](#)

(2019) Indonesian Journal of Electrical Engineering and Computer Science, 17 (2), pp. 774-782.

150) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073836200&doi=10.11591%2fijeecs.v17.i2.pp774-782&partnerID=40&md5=>

DOI: 10.11591/ijeecs.v17.i2.pp774-782

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

151) Bakar, N.A., Ramli, M.F., Zakaria, M.Z., Sin, T.C., Masran, H.

[Solving assembly line balancing problem using heuristic: A case study of power transformer in electrical industry](#)

(2019) Indonesian Journal of Electrical Engineering and Computer Science, 17 (2), pp. 850-857.

Cited 1 time.

151) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073828404&doi=10.11591%2fijeecs.v17.i2.pp850-857&partnerID=40&md5=>

DOI: 10.11591/ijeecs.v17.i2.pp850-857

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

152) Sarwar, F.

[Multi-objective assembly line balancing problem under uncertainty using genetic algorithm](#)

(2019) International Journal of Services and Operations Management, 34 (1), pp. 33-47.

152) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072046279&doi=10.1504%2fIJSOM.2019.102030&partnerID=40&md5=>

DOI: 10.1504/IJSOM.2019.102030

Document Type: Article

Publication Stage: Final

Source: Scopus

153) Nourmohammadi, A., Fathi, M., Ng, A.H.C.

[Choosing efficient meta-heuristics to solve the assembly line balancing problem: A landscape analysis approach](#)

(2019) Procedia CIRP, 81, pp. 1248-1253. Cited 1 time.

153) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068480053&doi=10.1016%2fj.procir.2019.03.302&partnerID=40&md5=>

DOI: 10.1016/j.procir.2019.03.302

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

154) Jiao, Y., Xing, X., Zhu, C., Xu, L., Zou, L.

[Modified Ranked Positional Weight Technique for Assembly Line Balance of Simple Line and U-shape \[Article@简单直线和U型装配线平衡中的改进阶位法\]](#)

(2019) Tongji Daxue Xuebao/Journal of Tongji University, 47 (1), pp. 143-148. Cited 1 time.

154) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066752769&doi=10.11908%2fj.issn.0253-374x.2019.01.019&partnerID=>

DOI: 10.11908/j.issn.0253-374x.2019.01.019

Document Type: Article

Publication Stage: Final

Source: Scopus

155) Piscopo, G., Atzeni, E., Calignano, F., Galati, M., Iuliano, L., Minetola, P., Salmi, A.

[Machining induced residual stresses in AISi10Mg component produced by Laser Powder Bed Fusion \(L-PBF\)](#)

(2019) Procedia CIRP, 79, pp. 101-106. Cited 5 times.

155) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065401939&doi=10.1016%2fj.procir.2019.02.019&partnerID=40&md5=>

DOI: 10.1016/j.procir.2019.02.019

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

156) Li, Y., Fu, Y., Tang, X., Hu, X.

[Optimizing the Reliability and Efficiency for an Assembly Line That Considers Uncertain Task Time Attributes](#)

(2019) IEEE Access, 7, art. no. 8635448, pp. 34121-34130. Cited 4 times.

- 156) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063904374&doi=10.1109%2fACCESS.2019.2897730&partnerID=40&md5=10.1109/ACCESS.2019.2897730>
DOI: 10.1109/ACCESS.2019.2897730

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus

- 157) Fathi, M., Nourmohammadi, A., Ng, A.H.C., Syberfeldt, A.
[An optimization model for balancing assembly lines with stochastic task times and zoning constraints](#)
(2019) IEEE Access, 7, art. no. 8663269, pp. 32537-32550. Cited 10 times.

- 157) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063577558&doi=10.1109%2fACCESS.2019.2903738&partnerID=40&md5=10.1109/ACCESS.2019.2903738>
DOI: 10.1109/ACCESS.2019.2903738

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus

- 158) Lopes, T.C., Michels, A.S., Sikora, C.G.S., Magatão, L.
[Balancing and cyclical scheduling of asynchronous mixed-model assembly lines with parallel stations](#)
(2019) Journal of Manufacturing Systems, 50, pp. 193-200. Cited 17 times.

- 158) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059845061&doi=10.1016%2fj.jmsy.2019.01.001&partnerID=40&md5=10.1016/j.jmsy.2019.01.001>
DOI: 10.1016/j.jmsy.2019.01.001

Document Type: Article
Publication Stage: Final
Source: Scopus

- 159) Liu, J., Suslov, S., Ren, Z., Dong, Y., Ye, C.
[Microstructure evolution in Ti64 subjected to laser-assisted ultrasonic nanocrystal surface modification](#)
(2019) International Journal of Machine Tools and Manufacture, 136, pp. 19-33. Cited 23 times.

- 159) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054823152&doi=10.1016%2fj.ijmachtools.2018.09.005&partnerID=40&md5=10.1016/j.ijmachtools.2018.09.005>
DOI: 10.1016/j.ijmachtools.2018.09.005

Document Type: Article
Publication Stage: Final
Source: Scopus

160) Wang, Y., Chen, F.

[Packed parts delivery problem of automotive inbound logistics with a supplier park](#)

(2019) Computers and Operations Research, 101, pp. 116-129. Cited 2 times.

160) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053776923&doi=10.1016%2fj.cor.2018.09.004&partnerID=40&md5=29>

DOI: 10.1016/j.cor.2018.09.004

Document Type: Article

Publication Stage: Final

Source: Scopus

161) Janardhanan, M.N., Li, Z., Bocewicz, G., Banaszak, Z., Nielsen, P.

[Metaheuristic algorithms for balancing robotic assembly lines with sequence-dependent robot setup times](#)

(2019) Applied Mathematical Modelling, 65, pp. 256-270. Cited 35 times.

161) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053076420&doi=10.1016%2fj.apm.2018.08.016&partnerID=40&md5=a>

DOI: 10.1016/j.apm.2018.08.016

Document Type: Article

Publication Stage: Final

Source: Scopus

162) Karkalos, N.E., Markopoulos, A.P., Davim, J.P.

[Evolutionary-based methods](#)

(2019) SpringerBriefs in Applied Sciences and Technology, pp. 11-31. Cited 8 times.

162) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049735066&doi=10.1007%2f978-3-319-92393-2_2&partnerID=40&md5=a

DOI: 10.1007/978-3-319-92393-2_2

Document Type: Book Chapter

Publication Stage: Final

Source: Scopus

163) Ning, J., Zhang, C., Sun, P., Feng, Y.

[Comparative study of ant colony algorithms for multi-objective optimization](#)

(2018) Information (Switzerland), 10 (1), art. no. 11, . Cited 14 times.

163) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059520510&doi=10.3390%2finfo10010011&partnerID=40&md5=01584>

DOI: 10.3390/info10010011

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

164) Zhang, K., Fu, G., Zhang, P., Ma, Z., Mao, Z., Zhang, D.Z.

[Study on the geometric design of supports for overhanging structures fabricated by selective laser melting](#)

(2018) Materials, 12 (1), art. no. 27, . Cited 10 times.

164) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059182620&doi=10.3390%2fma12010027&partnerID=40&md5=b8cd0>

DOI: 10.3390/ma12010027

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

165) Mete, S., Çil, Z.A., Özceylan, E., Ağpak, K., Battaia, O.

[An optimisation support for the design of hybrid production lines including assembly and disassembly tasks](#)

(2018) International Journal of Production Research, 56 (24), pp. 7375-7389. Cited 21 times.

165) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041342531&doi=10.1080%2f00207543.2018.1428774&partnerID=40&md5=8a8a8a8a8a8a8a8a>

DOI: 10.1080/00207543.2018.1428774

Document Type: Article

Publication Stage: Final

Source: Scopus

166) Samigulina, G.A., Samigulina, Z.I.

[Development of Smart-technology for Complex Objects Control based on Approach of Artificial Immune Systems](#)

(2018) Proceedings - 2018 Global Smart Industry Conference, GloSIC 2018, art. no. 8570142, . Cited

1 time.

166) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060726058&doi=10.1109%2fGloSIC.2018.8570142&partnerID=40&md5=8a8a8a8a8a8a8a8a>

DOI: 10.1109/GloSIC.2018.8570142

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

167) Rabbani, M., Heidari, R., Farrokhi-Asl, H.

[A bi-objective mixed-model assembly line sequencing problem considering customer satisfaction and customer buying behaviour](#)

(2018) Engineering Optimization, 50 (12), pp. 2123-2142. Cited 14 times.

167) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042214637&doi=10.1080%2f0305215X.2018.1431234&partnerID=40&md5=8a8a8a8a8a8a8a8a>

DOI: 10.1080/0305215X.2018.1431234

Document Type: Article

Publication Stage: Final

Source: Scopus

168) Delice, Y., Aydoğan, E.K., Söylemez, I., Özcan, U.

[An ant colony optimisation algorithm for balancing two-sided U-type assembly lines with sequence-dependent set-up times](#)

(2018) Sadhana - Academy Proceedings in Engineering Sciences, 43 (12), art. no. 199, . Cited 4 times.

168) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056082239&doi=10.1007%2fs12046-018-0969-9&partnerID=40&md5=>

DOI: 10.1007/s12046-018-0969-9

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

169) Chergui, A., Hadj-Hamou, K., Vignat, F.

[Production scheduling and nesting in additive manufacturing](#)

(2018) Computers and Industrial Engineering, 126, pp. 292-301. Cited 45 times.

169) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054156735&doi=10.1016%2fj.cie.2018.09.048&partnerID=40&md5=e6>

DOI: 10.1016/j.cie.2018.09.048

Document Type: Article

Publication Stage: Final

Source: Scopus

170) Johnson, T.E., Gaynor, A.T.

[Three-dimensional projection-based topology optimization for prescribed-angle self-supporting additively manufactured structures](#)

(2018) Additive Manufacturing, 24, pp. 667-686. Cited 24 times.

170) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052827014&doi=10.1016%2fj.addma.2018.06.011&partnerID=40&md5=>

DOI: 10.1016/j.addma.2018.06.011

Document Type: Article

Publication Stage: Final

Source: Scopus

171) Liu, B., Kuai, Z., Li, Z., Tong, J., Bai, P., Li, B., Nie, Y.

[Performance consistency of AlSi10Mg alloy manufactured by simulating multi laser beam selective laser melting \(SLM\): Microstructures and mechanical properties](#)

(2018) Materials, 11 (12), art. no. 2354, . Cited 7 times.

171) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057251702&doi=10.3390%2fma11122354&partnerID=40&md5=80cc0>

DOI: 10.3390/ma11122354

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

172) Zhang, K., Mao, Z., Fu, G., Zhang, D.Z., Liu, C., Li, Z.

[A feasible method of support slimming based on the different thresholds of polar angles in selective laser melting](#)

(2018) Materials and Design, 157, pp. 501-511. Cited 2 times.

172) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051029590&doi=10.1016%2fj.matdes.2018.07.044&partnerID=40&md5=>

DOI: 10.1016/j.matdes.2018.07.044

Document Type: Article

Publication Stage: Final

Source: Scopus

173) Kucukkoc, I., Li, Z., Karaoglan, A.D., Zhang, D.Z.

[Balancing of mixed-model two-sided assembly lines with underground workstations: A mathematical model and ant colony optimization algorithm](#)

(2018) International Journal of Production Economics, 205, pp. 228-243. Cited 18 times.

173) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054883558&doi=10.1016%2fj.ijpe.2018.08.009&partnerID=40&md5=a>

DOI: 10.1016/j.ijpe.2018.08.009

Document Type: Article

Publication Stage: Final

Source: Scopus

174) Fathollahi-Fard, A.M., Hajiaghaei-Keshteli, M., Tavakkoli-Moghaddam, R.

[A bi-objective green home health care routing problem](#)

(2018) Journal of Cleaner Production, 200, pp. 423-443. Cited 65 times.

174) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053084768&doi=10.1016%2fj.jclepro.2018.07.258&partnerID=40&md5=>

DOI: 10.1016/j.jclepro.2018.07.258

Document Type: Article

Publication Stage: Final

Source: Scopus

175) Salman, S., Alaswad, S.

[Alleviating road network congestion: Traffic pattern optimization using Markov chain traffic assignment](#)

(2018) Computers and Operations Research, 99, pp. 191-205. Cited 17 times.

175) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049731174&doi=10.1016%2fj.cor.2018.06.015&partnerID=40&md5=5b>

DOI: 10.1016/j.cor.2018.06.015

Document Type: Article

Publication Stage: Final

Source: Scopus

176) Özcan, U.

[Balancing stochastic parallel assembly lines](#)

(2018) Computers and Operations Research, 99, pp. 109-122. Cited 12 times.

176) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049314134&doi=10.1016%2fj.cor.2018.05.006&partnerID=40&md5=5b>

DOI: 10.1016/j.cor.2018.05.006

Document Type: Article

Publication Stage: Final

Source: Scopus

177) Gusarov, A.V., Grigoriev, S.N., Volosova, M.A., Melnik, Y.A., Laskin, A., Kotoban, D.V., Okunkova, A.A.

[On productivity of laser additive manufacturing](#)

(2018) Journal of Materials Processing Technology, 261, pp. 213-232. Cited 31 times.

177) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048729555&doi=10.1016%2fj.jmatprotec.2018.05.033&partnerID=40&md5=5b>

DOI: 10.1016/j.jmatprotec.2018.05.033

Document Type: Article

Publication Stage: Final

Source: Scopus

178) Gansterer, M., Hartl, R.F.

[One-and two-sided assembly line balancing problems with real-world constraints](#)

(2018) International Journal of Production Research, 56 (8), pp. 3025-3042. Cited 17 times.

178) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032657520&doi=10.1080%2f00207543.2017.1394599&partnerID=40&md5=5b>

DOI: 10.1080/00207543.2017.1394599

Document Type: Article
 Publication Stage: Final
 Access Type: Open Access
 Source: Scopus

179) Li, Z., Dey, N., Ashour, A.S., Tang, Q.

[Discrete cuckoo search algorithms for two-sided robotic assembly line balancing problem](#)

(2018) Neural Computing and Applications, 30 (9), pp. 2685-2696. Cited 26 times.

179) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009932472&doi=10.1007%2fs00521-017-2855-5&partnerID=40&md5=>

DOI: 10.1007/s00521-017-2855-5

Document Type: Article
 Publication Stage: Final
 Source: Scopus

180) Kokareva, V., Agapovichev, A., Sotov, A., Smelov, V., Sufiiarov, V.

[Multi-criteria planning model of engines parts additive manufacturing](#)

(2018) MATEC Web of Conferences, 224, art. no. 01119, . Cited 4 times.

180) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056667698&doi=10.1051%2fmatecconf%2f201822401119&partnerID=>

DOI: 10.1051/matecconf/201822401119

Document Type: Conference Paper
 Publication Stage: Final
 Access Type: Open Access
 Source: Scopus

181) Huang, M., Guo, Q., Liu, J., Huang, X.

[Mixed model assembly line scheduling approach to order picking problem in online supermarkets](#)

(2018) Sustainability (Switzerland), 10 (11), art. no. 3931, . Cited 9 times.

181) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055629902&doi=10.3390%2fsu10113931&partnerID=40&md5=4f30e8>

DOI: 10.3390/su10113931

Document Type: Article
 Publication Stage: Final
 Access Type: Open Access
 Source: Scopus

182) Li, Z., Janardhanan, M.N., Nielsen, P., Tang, Q.

[Mathematical models and simulated annealing algorithms for the robotic assembly line balancing problem](#)

(2018) Assembly Automation, 38 (4), pp. 420-436. Cited 9 times.

182)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053531959&doi=10.1108%2fAA-09-2017-115&partnerID=40&md5=c1a>
DOI: 10.1108/AA-09-2017-115

Document Type: Article
Publication Stage: Final
Source: Scopus

183) Li, Z., Kucukkoc, I., Zhang, Z.

[Branch, bound and remember algorithm for U-shaped assembly line balancing problem](#)

(2018) Computers and Industrial Engineering, 124, pp. 24-35. Cited 27 times.

183) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049792509&doi=10.1016%2fj.cie.2018.06.037&partnerID=40&md5=8e>
DOI: 10.1016/j.cie.2018.06.037

Document Type: Article
Publication Stage: Final
Source: Scopus

184) Ghadiri Nejad, M., Husseinzadeh Kashan, A., Shavarani, S.M.

[A novel competitive hybrid approach based on grouping evolution strategy algorithm for solving U-shaped assembly line balancing problems](#)

(2018) Production Engineering, 12 (5), pp. 555-566. Cited 16 times.

184) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048095659&doi=10.1007%2fs11740-018-0836-x&partnerID=40&md5=f7>
DOI: 10.1007/s11740-018-0836-x

Document Type: Article
Publication Stage: Final
Source: Scopus

185) Fera, M., Fruggiero, F., Lambiase, A., Macchiaroli, R., Todisco, V.

[A modified genetic algorithm for time and cost optimization of an additive manufacturing single-machine scheduling](#)

(2018) International Journal of Industrial Engineering Computations, 9 (4), pp. 423-438. Cited 28 times.

185) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047221863&doi=10.5267%2fj.ijiec.2018.1.001&partnerID=40&md5=f7>
DOI: 10.5267/j.ijiec.2018.1.001

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus

186) Park, H.S., Ansari, M.J.

[Numerical investigation and an effective predicting system on the Selective Laser Melting \(SLM\) process with Ti6Al4V alloy](#)

(2018) IOP Conference Series: Materials Science and Engineering, 400 (4), art. no. 042046, . Cited 1 time.

186) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055798897&doi=10.1088%2f1757-899X%2f400%2f4%2f042046&partnerID=40&md5=10.1088/1757-899X/400/4/042046>
DOI: 10.1088/1757-899X/400/4/042046

Document Type: Conference Paper

Publication Stage: Final

Access Type: Open Access

Source: Scopus

187) Sahebjamnia, N., Fathollahi-Fard, A.M., Hajiaghaei-Keshteli, M.

[Sustainable tire closed-loop supply chain network design: Hybrid metaheuristic algorithms for large-scale networks](#)

(2018) Journal of Cleaner Production, 196, pp. 273-296. Cited 115 times.

187) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049334532&doi=10.1016%2fj.jclepro.2018.05.245&partnerID=40&md5=10.1016/j.jclepro.2018.05.245>
DOI: 10.1016/j.jclepro.2018.05.245

Document Type: Article

Publication Stage: Final

Source: Scopus

188) Dvorak, F., Micali, M., Mathieu, M.

[Planning and scheduling in additive manufacturing](#)

(2018) Inteligencia Artificial, 21 (62), pp. 40-52. Cited 18 times.

188) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053289218&doi=10.4114%2fintartif.vol21iss62pp40-52&partnerID=40&md5=10.4114/intartif.vol21iss62pp40-52>
DOI: 10.4114/intartif.vol21iss62pp40-52

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

189) Pratama, A.T., Takahashi, K., Morikawa, K., Nagasawa, K., Hirotani, D.

[Cellular bucket brigades with worker collaboration on U-lines with discrete workstations](#)

(2018) Industrial Engineering and Management Systems, 17 (3), pp. 531-549. Cited 2 times.

189) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055509085&doi=10.7232%2fiems.2018.17.3.531&partnerID=40&md5=10.7232/iems.2018.17.3.531>
DOI: 10.7232/iems.2018.17.3.531

Document Type: Article
Publication Stage: Final
Source: Scopus

190) Wang, C., Liang, J., Liao, Y., Guan, Z.

[A modified SPEA2 algorithm for sequencing problem with sequence dependent setup constraint in mix-model assembly line](#)

(2018) ICIC Express Letters, 12 (9), pp. 937-945.

190) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052373243&doi=10.24507%2f icicel.12.09.937&partnerID=40&md5=ec>
DOI: 10.24507/icicel.12.09.937

Document Type: Article
Publication Stage: Final
Source: Scopus

191) Lopes, T.C., Michels, A.S., Sikora, C.G.S., Molina, R.G., Magatão, L.

[Balancing and cyclically sequencing synchronous, asynchronous, and hybrid unpaced assembly lines](#)

(2018) International Journal of Production Economics, 203, pp. 216-224. Cited 9 times.

191) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049302103&doi=10.1016%2fj.ijpe.2018.06.012&partnerID=40&md5=9>
DOI: 10.1016/j.ijpe.2018.06.012

Document Type: Article
Publication Stage: Final
Source: Scopus

192) Li, Z., Zhang, D.Z., Dong, P., Kucukkoc, I., Peikang, B.

[Incorporating draw constraint in the lightweight and self-supporting optimisation process for selective laser melting](#)

(2018) International Journal of Advanced Manufacturing Technology, 98 (1-4), pp. 405-412. Cited 3 times.

192) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048284739&doi=10.1007%2fs00170-018-2251-z&partnerID=40&md5=>
DOI: 10.1007/s00170-018-2251-z

Document Type: Article
Publication Stage: Final
Source: Scopus

193) Niu, J., Choo, H.L., Sun, W., Mok, S.H.

[Numerical study on load-bearing capabilities of beam-like lattice structures with three different unit cells](#)

(2018) International Journal of Mechanics and Materials in Design, 14 (3), pp. 443-460. Cited 11 times.

193) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026905341&doi=10.1007%2fs10999-017-9384-3&partnerID=40&md5=>
DOI: 10.1007/s10999-017-9384-3

Document Type: Article

Publication Stage: Final

Source: Scopus

194) Raj Mohan, R., Venkatraman, R., Raghuraman, S.

[An overview of additive manufacturing – Approaches, techniques, trends and challenges in manufacturing scenario](#)

(2018) International Journal of Mechanical and Production Engineering Research and Development, 8 (4), pp. 289-302.

194) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050347881&doi=10.24247%2fijmperdaug201831&partnerID=40&md5=>
DOI: 10.24247/ijmperdaug201831

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

195) Yongming, W., Han, Z., Yanxia, X., Lifei, L.

[Sequencing optimization of mixed-model assembly line for considering time and cost](#)

(2018) 2017 International Conference on Computer Systems, Electronics and Control, ICCSEC 2017, art. no. 8446933, pp. 196-199.

195) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053933300&doi=10.1109%2fICCSEC.2017.8446933&partnerID=40&md5=>
DOI: 10.1109/ICCSEC.2017.8446933

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

196) Zhao, Z., Li, L., Tan, L., Bai, P., Li, J., Wu, L., Liao, H., Cheng, Y.

[Simulation of stress field during the selective laser melting process of the nickel-based superalloy, GH4169](#)

(2018) Materials, 11 (9), art. no. 1525, . Cited 13 times.

196) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052194181&doi=10.3390%2fma11091525&partnerID=40&md5=f180f1>
DOI: 10.3390/ma11091525

Document Type: Article
 Publication Stage: Final
 Access Type: Open Access
 Source: Scopus

197) Khorasani, A.M., Gibson, I., Ghaderi, A.R.

[Rheological characterization of process parameters influence on surface quality of Ti-6Al-4V parts manufactured by selective laser melting](#)

(2018) International Journal of Advanced Manufacturing Technology, 97 (9-12), pp. 3761-3775. Cited

18 times.

197) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047952723&doi=10.1007%2fs00170-018-2168-6&partnerID=40&md5=10.1007/s00170-018-2168-6>
 DOI: 10.1007/s00170-018-2168-6

Document Type: Article
 Publication Stage: Final
 Source: Scopus

198) Jadhav, S., He, H., Jenkins, K.

[Information gain directed genetic algorithm wrapper feature selection for credit rating](#)

(2018) Applied Soft Computing Journal, 69, pp. 541-553. Cited 81 times.

198) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047614189&doi=10.1016%2fj.asoc.2018.04.033&partnerID=40&md5=10.1016/j.asoc.2018.04.033>
 DOI: 10.1016/j.asoc.2018.04.033

Document Type: Article
 Publication Stage: Final
 Source: Scopus

199) Oh, Y., Zhou, C., Behdad, S.

[Part decomposition and assembly-based \(Re\) design for additive manufacturing: A review](#)

(2018) Additive Manufacturing, 22, pp. 230-242. Cited 37 times.

199) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047162460&doi=10.1016%2fj.addma.2018.04.018&partnerID=40&md5=10.1016/j.addma.2018.04.018>
 DOI: 10.1016/j.addma.2018.04.018

Document Type: Review
 Publication Stage: Final
 Access Type: Open Access
 Source: Scopus

200) Zhao, Z.-Y., Li, L., Bai, P.-K., Jin, Y., Wu, L.-Y., Li, J., Guan, R.-G., Qu, H.-Q.

[The heat treatment influence on the microstructure and hardness of TC4 titanium alloy manufactured](#)

[via selective laser melting](#)

(2018) Materials, 11 (8), art. no. 1318, . Cited 35 times.

200) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051103824&doi=10.3390%2fma11081318&partnerID=40&md5=f690b>

DOI: 10.3390/ma11081318

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus