

Publication List

- [1] Wang, H., Baumers, M., Basak, S., He, Y., Ashcroft, I., 2022. The impact of the risk of build failure on energy consumption in additive manufacturing. *Journal of Industrial Ecology* 26, 1771– 1783. <https://doi.org/10.1111/jiec.13318> (IF 5.9)
- [2] Jiang, Z., Wang, H., Zhang, H., Wang, Y., Gong, Q., 2020. Hybrid Multi-attribute Decision Making for Remanufacturing Design Based on Subjectivity Reduction. *Journal of Nanjing University of Aeronautics & Astronautics* 52(1):73-78. (in Chinese) https://jnuaa.nuaa.edu.cn/ch/reader/view_abstract.aspx?file_no=202001009&flag=1
- [3] Wang, H., Jiang, Z., Zhang, H., Wang, Y., Yang, Y., Li, Y., 2019. An integrated MCDM approach considering demands-matching for reverse logistics. *Journal of Cleaner Production* 208, 199-210. <https://doi.org/10.1016/j.jclepro.2018.10.131> (Highly Cited Paper, IF 11.1)
- [4] Gong, Q., Zhang, H., Jiang, Z., Wang, H., Wang, Y., Hu, X., 2019. Nonempirical hybrid multi-attribute decision-making method for design for remanufacturing. *Advances in Manufacturing* 7, 423-437. <https://link.springer.com/article/10.1007/s40436-019-00279-w> (IF 5.2)
- [5] Jiang, Z., Wang, H., Zhang, H., Mendis, G., Sutherland, J.W., 2019. Value recovery options portfolio optimization for remanufacturing end of life product. *Journal of Cleaner Production* 210, 419-431. <https://doi.org/10.1016/j.jclepro.2018.10.316> (IF 11.1)
- [6] Li, S., Zhang, H., Yan, W., Jiang, Z., Wang, H., Wei, W., 2019. Multi-objective disassembly sequence optimization aiming at quality uncertainty of end-of-life product. *IOP Conference Series: Materials Science and Engineering* 631, 032015. <https://iopscience.iop.org/article/10.1088/1757-899X/631/3/032015>
- [7] Peng, H., Jiang, Z., Wang, H., 2019. Research on Ecological Efficiency for the Remanufacturing Process Considering Optimization and Evaluation. *Processes* 7, 567. <https://doi.org/10.3390/pr7090567> (IF 3.5)
- [8] Peng, H., Wang, H., Chen, D., 2019. Optimization of remanufacturing process routes oriented toward eco-efficiency. *Frontiers of Mechanical Engineering* 14, 422-433. <https://doi.org/10.1007/s11465-019-0552-z> (IF 4.5)
- [9] Wang, H., Jiang, Z., Zhang, H., Wang, Y., 2019. Research on Multi-objective Optimization Redesign Method for Used Mechanical Equipment Based on Analytical Target Cascading. *Journal of Mechanical Engineering* 55(3): 147-153. (in Chinese) <http://qikan.cmes.org/jxqxcb/CN/Y2019/V55/I3/147> (Top Chinese Journal)
- [10] Wang, H., Jiang, Z., Zhang, H., Wang, Y., 2019. A Dynamic Information Transfer and Feedback Model for Reuse-oriented Redesign of Used Mechanical Equipment. *Procedia CIRP* 80, 15-20. <https://doi.org/10.1016/j.procir.2019.01.034>
- [11] Wang, H., Jiang, Z., Wang, Y., Liu, Y., Li, F., Yan, W., Zhang, H., 2018. A Demands-Matching Multi-Criteria Decision-Making Method for Reverse Logistics. *Procedia CIRP* 72, 1398-1403. <https://doi.org/10.1016/j.procir.2018.03.135>
- [12] Wang, H., Jiang, Z., Wang, Y., Zhang, H., Wang, Y., 2018. A two-stage optimization method for energy-saving flexible job-shop scheduling based on energy dynamic characterization. *Journal of Cleaner Production* 188, 575-588. <https://doi.org/10.1016/j.jclepro.2018.03.254> (IF 11.1)
- [13] Wang, H., Jiang, Z., Zhang, X., Wang, Y., Wang, Y., 2017. A fault feature characterization based method for remanufacturing process planning optimization. *Journal of Cleaner Production* 161, 708-719. <http://dx.doi.org/10.1016/j.jclepro.2017.05.178> (IF 11.1)
- [14] Xue, C., Jiang, Z., Zhang, X., Wang, H., 2017. Multi-objective Optimization Model and Application of Components Reuse Combination for Used Mechanical Equipment. *Journal of Mechanical Engineering* 53(5): 76-85. <http://www.cjmenet.com.cn/CN/10.3901/JME.2017.05.076> (Top Chinese Journal)