Yuanbin Wang

List of Publications by Year
in descending order

15 papers	668 citations	687220 13 h-index	1058333 14 g-index
15 all docs	15 docs citations	15 times ranked	610 citing authors

#	Article	IF	Citations
1	Digital Twin-driven online anomaly detection for an automation system based on edge intelligence. Journal of Manufacturing Systems, 2021, 59, 138-150.	7.6	73
2	A CNN-Based Visual Sorting System With Cloud-Edge Computing for Flexible Manufacturing Systems. IEEE Transactions on Industrial Informatics, 2020, 16, 4726-4735.	7.2	36
3	A CNN-Based Adaptive Surface Monitoring System for Fused Deposition Modeling. IEEE/ASME Transactions on Mechatronics, 2020, 25, 2287-2296.	3.7	51
4	A smart surface inspection system using faster R-CNN in cloud-edge computing environment. Advanced Engineering Informatics, 2020, 43, 101037.	4.0	84
5	Smart additive manufacturing: Current artificial intelligence-enabled methods and future perspectives. Science China Technological Sciences, 2020, 63, 1600-1611.	2.0	45
6	Industrial smart product–service system development for lifecycle sustainability concerns. IET Collaborative Intelligent Manufacturing, 2020, 2, 197-201.	1.9	9
7	Production planning for cloud-based additive manufacturing—A computer vision-based approach. Robotics and Computer-Integrated Manufacturing, 2019, 58, 145-157.	6.1	43
8	IoT-enabled cloud-based additive manufacturing platform to support rapid product development. International Journal of Production Research, 2019, 57, 3975-3991.	4.9	88
9	A Knowledge Management System to Support Design for Additive Manufacturing Using Bayesian Networks. Journal of Mechanical Design, Transactions of the ASME, 2018, 140, .	1.7	38
10	A decision support system for additive manufacturing process selection using a hybrid multiple criteria decision-making method. Rapid Prototyping Journal, 2018, 24, 1544-1553.	1.6	43
11	Selection of additive manufacturing processes. Rapid Prototyping Journal, 2017, 23, 434-447.	1.6	73
12	A weighted rough set based fuzzy axiomatic design approach for the selection of AM processes. International Journal of Advanced Manufacturing Technology, 2017, 91, 1977-1990.	1.5	32
13	Design for Additive Manufacturing in the Cloud Platform. , 2017, , .		3
14	User-experience Based Product Development for Mass Personalization: A Case Study. Procedia CIRP, 2017, 63, 2-7.	1.0	36
15	VR-based Product Personalization Process for Smart Products. Procedia Manufacturing, 2017, 11, 1568-1576.	1.9	14