

Ying Cheng

List of Publications by Year in descending order

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41
papers

3,527
citations

377584

21
h-index

445137

33
g-index

41
all docs

41
docs citations

41
times ranked

3127
citing authors

#	ARTICLE	IF	CITATIONS
1	Industrial Dataspace for smart manufacturing: connotation, key technologies, and framework. International Journal of Production Research, 2023, 61, 3868-3883.	4.9	20
2	Graph-based operational robustness analysis of industrial Internet of things platform for manufacturing service collaboration. International Journal of Production Research, 2023, 61, 4237-4264.	4.9	3
3	Collaboration Tiredness Aware Manufacturing Service Collaboration Incentive and Optimization. IEEE Transactions on Industrial Informatics, 2023, 19, 3341-3350.	7.2	1
4	Digital twin and blockchain enhanced smart manufacturing service collaboration and management. Journal of Manufacturing Systems, 2022, 62, 903-914.	7.6	54
5	Long-/Short-Term Preference Based Dynamic Pricing and Manufacturing Service Collaboration Optimization. IEEE Transactions on Industrial Informatics, 2022, 18, 8948-8956.	7.2	3
6	Manufacturing Services Scheduling With Supply-Demand Dual Dynamic Uncertainties Toward Industrial Internet Platforms. IEEE Transactions on Industrial Informatics, 2021, 17, 2997-3010.	7.2	19
7	A steel surface defect inspection approach towards smart industrial monitoring. Journal of Intelligent Manufacturing, 2021, 32, 1833-1843.	4.4	70
8	Manufacturing service supply-demand optimization with dual diversities for industrial internet platforms. Computers and Industrial Engineering, 2021, 156, 107237.	3.4	21
9	New IT driven rapid manufacturing for emergency response. Journal of Manufacturing Systems, 2021, 60, 928-935.	7.6	16
10	A Classified Situations Oriented Adaptive Scheduling Method of Robot-aided Aeroengine Faults Detection. , 2021, , .		3
11	Hypernetwork-based manufacturing service scheduling for distributed and collaborative manufacturing operations towards smart manufacturing. Journal of Intelligent Manufacturing, 2020, 31, 1707-1720.	4.4	39
12	Scalable Hypernetwork-Based Manufacturing Services Supply Demand Matching Toward Industrial Internet Platforms. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 5000-5014.	5.9	15
13	Failures detection and cascading analysis of manufacturing services collaboration toward industrial internet platforms. Journal of Manufacturing Systems, 2020, 57, 169-181.	7.6	10
14	Manufacturing services collaboration: connotation, framework, key technologies, and research issues. International Journal of Advanced Manufacturing Technology, 2020, 110, 2573-2589.	1.5	12
15	An aggregated-tasks oriented manufacturing services scheduling toward industrial Internet platforms. , 2020, , .		0
16	Task allocation in manufacturing: A review. Journal of Industrial Information Integration, 2019, 15, 207-218.	4.3	9
17	Long/Short-Term Utility Aware Optimal Selection of Manufacturing Service Composition Toward Industrial Internet Platforms. IEEE Transactions on Industrial Informatics, 2019, 15, 3712-3722.	7.2	39
18	Data-driven smart production line and its common factors. International Journal of Advanced Manufacturing Technology, 2019, 103, 1211-1223.	1.5	21

#	ARTICLE	IF	CITATIONS
19	Logistics-aware manufacturing service collaboration optimisation towards industrial internet platform. <i>International Journal of Production Research</i> , 2019, 57, 4007-4026.	4.9	27
20	Cyber-physical integration for moving digital factories forward towards smart manufacturing: a survey. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 97, 1209-1221.	1.5	110
21	Advanced manufacturing systems: supplyâ€™demand matching of manufacturing resource based on complex networks and Internet of Things. <i>Enterprise Information Systems</i> , 2018, 12, 780-797.	3.3	73
22	Data and knowledge mining with big data towards smart production. <i>Journal of Industrial Information Integration</i> , 2018, 9, 1-13.	4.3	148
23	A manufacturing services collaboration framework toward industrial internet platforms. , 2018, , .		5
24	Advanced manufacturing systems: socialization characteristics and trends. <i>Journal of Intelligent Manufacturing</i> , 2017, 28, 1079-1094.	4.4	260
25	Modeling of manufacturing service supplyâ€™demand matching hypernetwork in service-oriented manufacturing systems. <i>Robotics and Computer-Integrated Manufacturing</i> , 2017, 45, 59-72.	6.1	109
26	Complex networks in advanced manufacturing systems. <i>Journal of Manufacturing Systems</i> , 2017, 43, 409-421.	7.6	44
27	Smart Production Line: Common Factors and Data-Driven Implementation Method. , 2017, , .		3
28	SDMSim: A manufacturing service supplyâ€™demand matching simulator under cloud environment. <i>Robotics and Computer-Integrated Manufacturing</i> , 2017, 45, 34-46.	6.1	169
29	A trust evaluation model towards cloud manufacturing. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 84, 133-146.	1.5	42
30	Dynamic Supply-Demand Matching for Manufacturing Resource Services in Service-Oriented Manufacturing Systems: A Hypernetwork-Based Solution Framework. , 2015, , .		16
31	Manufacturing Service Management in Cloud Manufacturing: Overview and Future Research Directions. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2015, 137, .	1.3	163
32	Complex networks based manufacturing service and task management in cloud environment. , 2015, , .		9
33	Big Data in product lifecycle management. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 81, 667-684.	1.5	406
34	CCIoT-CMfg: Cloud Computing and Internet of Things-Based Cloud Manufacturing Service System. <i>IEEE Transactions on Industrial Informatics</i> , 2014, 10, 1435-1442.	7.2	579
35	Cloud manufacturing: a new manufacturing paradigm. <i>Enterprise Information Systems</i> , 2014, 8, 167-187.	3.3	683
36	A Ranking Chaos Algorithm for dual scheduling of cloud service and computing resource in private cloud. <i>Computers in Industry</i> , 2013, 64, 448-463.	5.7	85

#	ARTICLE	IF	CITATIONS
37	Energy-aware resource service scheduling based on utility evaluation in cloud manufacturing system. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2013, 227, 1901-1915.	1.5	86
38	Modelling of combinable relationship-based composition service network and the theoretical proof of its scale-free characteristics. Enterprise Information Systems, 2012, 6, 373-404.	3.3	87
39	Analysis of cloud service transaction in cloud manufacturing. , 2012, , .		8
40	Utility modelling, equilibrium, and coordination of resource service transaction in service-oriented manufacturing system. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2012, 226, 1099-1117.	1.5	43
41	Cloud Manufacturing. Advanced Materials Research, 0, 201-203, 672-676.	0.3	17