Yaoguang Hu

List of Publications by Year
in descending order

39 papers	499 citations	840776 11 h-index	677142 22 g-index
39 all docs	39 docs citations	39 times ranked	364 citing authors

#	Article	IF	Citations
1	Multilevel decision-making: A survey. Information Sciences, 2016, 346-347, 463-487.	6.9	108
2	A solution to bi/tri-level programming problems using particle swarm optimization. Information Sciences, 2016, 370-371, 519-537.	6.9	45
3	Multi-objective optimisation for energy-aware flexible job-shop scheduling problem with assembly operations. International Journal of Production Research, 2021, 59, 7216-7231.	7.5	39
4	A two-stage dynamic capacity planning approach for agricultural machinery maintenance service with demand uncertainty. Biosystems Engineering, 2020, 190, 201-217.	4.3	33
5	Tri-level decision-making with multiple followers: Model, algorithm and case study. Information Sciences, 2015, 311, 182-204.	6.9	32
6	An ANP-multi-criteria-based methodology to construct maintenance networks for agricultural machinery cluster in a balanced scorecard context. Computers and Electronics in Agriculture, 2019, 158, 1-10.	7.7	30
7	Joint optimisation for dynamic flexible job-shop scheduling problem with transportation time and resource constraints. International Journal of Production Research, 2022, 60, 5675-5696.	7.5	29
8	Measuring the performance of knowledge resources using a value perspective: integrating BSC and ANP. Journal of Knowledge Management, 2015, 19, 1250-1272.	5.1	28
9	Intelligent decision making for service providers selection in maintenance service network: An adaptive fuzzy-neuro approach. Knowledge-Based Systems, 2020, 190, 105263.	7.1	24
10	A multi-objective districting problem applied to agricultural machinery maintenance service network. European Journal of Operational Research, 2020, 287, 1120-1130.	5.7	22
11	Research on hybrid-load AGV dispatching problem for mixed-model automobile assembly line. Procedia CIRP, 2019, 81, 1059-1064.	1.9	21
12	Research on assembly module partition for flexible production in mass customization. Procedia CIRP, 2018, 72, 744-749.	1.9	13
13	A dynamic scheduling method for self-organized AGVs in production logistics systems. Procedia CIRP, 2021, 104, 381-386.	1.9	11
14	Maintenance service network redesign for geographically distributed moving assets using NSGA-II in agriculture. Computers and Electronics in Agriculture, 2020, 169, 105170.	7.7	10
15	Study on Resource Scheduling Method of Predictive Maintenance for Equipment Based on Knowledge. , 2015, , .		5
16	Research on knowledge mining for agricultural machinery maintenance based on association rules. , 2015, , .		5
17	The decision-making framework for assembly tasks planning in human–robot collaborated manufacturing system. International Journal of Computer Integrated Manufacturing, 2023, 36, 289-307.	4.6	5
18	A Quality Control Approach of PVC Gloves Based on the Integration of SPC and EPC. Communications in Statistics - Theory and Methods, 2012, 41, 4470-4483.	1.0	4

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19	Solving tri-level programming problems using a particle swarm optimization algorithm. , 2015, , .		4
20	A Collaborative Service Decision-making Method for the Delivery Management of PSS. Procedia CIRP, 2015, 30, 427-432.	1.9	4
21	Relationship between Intangible Capital, Knowledge and Maintenance Performance in a PSS Network: An Empirical Investigation. Procedia CIRP, 2015, 30, 378-383.	1.9	4
22	Evaluating knowledge resources in R&D organizations in China. Information Development, 2016, 32, 478-495.	2.3	4
23	Soft sensor modeling of feed liquid viscosity control for PVC gloves based on BP neural network. , 2010, , .		3
24	An improved optimization method for materials distribution based on spatiotemporal clustering in automobile assembly lines. Procedia CIRP, 2021, 97, 241-246.	1.9	3
25	A location-allocation model of maintenance resources based on fault distribution for agricultural machinery maintenance service network. Procedia CIRP, 2021, 104, 393-398.	1.9	3
26	Coordinative scheduling of the mobile robots and machines based on hybrid GA in flexible manufacturing systems. Procedia CIRP, 2021, 104, 1005-1010.	1.9	3
27	A novel optimization method for modular facilities layout problem considering flexible processes. Procedia CIRP, 2019, 81, 1201-1206.	1.9	2
28	A decision-making approach to field service delivery under mixed maintenance policy. , 2016, , .		1
29	Joint optimization of dynamic facility layout and production planning based on Petri Net. Procedia CIRP, 2019, 81, 1207-1212.	1.9	1
30	Computer Vision Measurement System for Measuring Elasticity Modulus of Straws. , 2019, , .		1
31	Joint optimization of tow-trains dispatch and conflict-free route planning in mixed-model assembly lines. Procedia CIRP, 2021, 97, 253-259.	1.9	1
32	A method of constructing the maintenance service network under the redistricting and service provider demand sharing. Procedia CIRP, 2021, 104, 387-392.	1.9	1
33	Simulation and optimization of manufacturing process for aircraft harness. , 2014, , .		0
34	Scheduling for semiconductor assembly and test manufacturing enterprise. , 2015, , .		0
35	A Compromise-Based Particle Swarm Optimization Algorithm for Solving Bi-Level Programming Problems with Fuzzy Parameters. , 2015, , .		0
36	An Overview on Smart Maintenance Service Scheduling System and Theoretical Basis for Agricultural Machinery. , 2018, , .		0

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37	Research on the spare parts inventory control for agriculture inter-district field operation. Procedia CIRP, 2018, 73, 278-283.	1.9	0
38	A Novel Approach for the Location and Allocation of Maintenance Service Vehicles in Agriculture. , 2021, , .		0
39	A digital twin-based frame work for task planning and robot programming in HRC. Procedia CIRP, 2021, 104, 370-375.	1.9	0