

# Junfeng Wang

## List of Publications by Year in descending order

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29  
papers

450  
citations

840776

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h-index

794594

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all docs

29  
docs citations

29  
times ranked

372  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Registration and Occlusion Handling Based on Deep Learning for Augmented-Reality-Assisted Assembly Instruction. IEEE Transactions on Industrial Informatics, 2023, 19, 6825-6835.	11.3	2
2	Order-Driven Dynamic Resource Configuration Based on a Metamodel for an Unbalanced Assembly Line. Machines, 2022, 10, 508.	2.2	1
3	An optimal singularity-free motion planning method for a 6-DOF parallel manipulator. Industrial Robot, 2021, 48, 290-299.	2.1	2
4	Fully convolutional network-based registration for augmented assembly systems. Journal of Manufacturing Systems, 2021, 61, 673-684.	13.9	10
5	Energy Saving Operation of Manufacturing System Based on Dynamic Adaptive Fuzzy Reasoning Petri Net. Energies, 2019, 12, 2216.	3.1	21
6	Multi-state decision of unreliable machines for energy-efficient production considering work-in-process inventory. International Journal of Advanced Manufacturing Technology, 2019, 102, 1009-1021.	3.0	18
7	A multi-objective trajectory planning method based on the improved immune clonal selection algorithm. Robotics and Computer-Integrated Manufacturing, 2019, 59, 431-442.	9.9	33
8	Imperfect corrective maintenance scheduling for energy efficient manufacturing systems through online task allocation method. Journal of Manufacturing Systems, 2019, 53, 282-290.	13.9	35
9	Research on the visual elements of augmented reality assembly processes. Virtual Reality & Intelligent Hardware, 2019, 1, 622-634.	3.2	21
10	Energy Saving Scheduling of A Single Machine System Based on Bi-objective Particle Swarm Optimization. , 2019, , .		3
11	Event-Driven Online Machine State Decision for Energy-Efficient Manufacturing System Based on Digital Twin Using Max-Plus Algebra. Sustainability, 2019, 11, 5036.	3.2	25
12	Energy-Saving Operation of Multistage Stochastic Manufacturing Systems Based on Fuzzy Logic. International Journal of Simulation Modelling, 2019, 18, 138-149.	1.3	20
13	Max-Plus Algebra Based Machine Sleep Decision for Energy Efficient Manufacturing. , 2018, , .		1
14	Instruction Manual for Product Assembly Process Based on Augmented Visualization. , 2018, , .		4
15	Fuzzy Petri Net Based Intelligent Machine Operation of Energy Efficient Manufacturing System. , 2018, , .		5
16	Simulation-based Planning of a Kind of Complex Product General Assembly Line. Procedia CIRP, 2018, 76, 25-30.	1.9	8
17	A multi-objective trajectory planning scheme for parallel assembly mechanism with B-spline curves. , 2018, , .		1
18	Gantry Scheduling for Multi-Gantry Production System by Online Task Allocation Method. IEEE Robotics and Automation Letters, 2017, 2, 1848-1855.	5.1	9

#	ARTICLE	IF	CITATIONS
19	Markov chain based idle status control of stochastic machines for energy saving operation. , 2017, , .		7
20	Fuzzy decision of machine switch on-off for energy efficient operation of manufacturing system. , 2017, , .		14
21	A computer vision-based assistant system for the assembly of narrow cabin products. International Journal of Advanced Manufacturing Technology, 2015, 76, 281-293.	3.0	36
22	An augmented reality based system for remote collaborative maintenance instruction of complex products. , 2014, , .		31
23	An intelligent interactive approach for assembly process planning based on hierarchical classification of parts. International Journal of Advanced Manufacturing Technology, 2014, 70, 1903-1914.	3.0	13
24	Interactive operation of physically-based slender flexible parts in an augmented reality environment. Science China Technological Sciences, 2014, 57, 1383-1391.	4.0	12
25	A Survey on Energy Efficient Discrete Manufacturing System. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2013, 49, 89.	0.5	5
26	A discrete-event simulation approach with multiple-comparison procedure for stochastic resource-constrained project scheduling. International Journal of Advanced Manufacturing Technology, 2012, 63, 65-76.	3.0	13
27	Data driven production modeling and simulation of complex automobile general assembly plant. Computers in Industry, 2011, 62, 765-775.	9.9	98
28	Collaborative decision of assembly sequence in distributed product development. , 2008, , .		0
29	A data enabled operation-based simulation for automotive assembly. , 2008, , .		2