

Jie Song

List of Publications by Year in descending order

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49
papers

442
citations

840585

11
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794469

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g-index

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all docs

49
docs citations

49
times ranked

406
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Sizing and Control of Battery Energy Storage System for Peak Load Shaving. <i>Energies</i> , 2014, 7, 8396-8410.	1.6	61
2	Integrating Optimal Simulation Budget Allocation and Genetic Algorithm to Find the Approximate Pareto Patient Flow Distribution. <i>IEEE Transactions on Automation Science and Engineering</i> , 2016, 13, 149-159.	3.4	35
3	Dynamic emergency logistics planning: models and heuristic algorithm. <i>Optimization Letters</i> , 2015, 9, 1533-1552.	0.9	32
4	A simulation optimisation on the hierarchical health care delivery system patient flow based on multi-fidelity models. <i>International Journal of Production Research</i> , 2016, 54, 6478-6493.	4.9	32
5	Optimal inventory control with sequential online auction in agriculture supply chain: an agent-based simulation optimisation approach. <i>International Journal of Production Research</i> , 2018, 56, 2322-2338.	4.9	22
6	Mixed integer programming in production planning with backlogging and setup carryover: modeling and algorithms. <i>Discrete Event Dynamic Systems: Theory and Applications</i> , 2013, 23, 211-239.	0.6	18
7	Data mining-based dispatching system for solving the local pickup and delivery problem. <i>Annals of Operations Research</i> , 2013, 203, 351-370.	2.6	17
8	A non-cooperative game with incomplete information to improve patient hospital choice. <i>International Journal of Production Research</i> , 2015, 53, 7360-7375.	4.9	16
9	Design and analysis of gastroenterology (GI) clinic in Digestive Health Center of University of Wisconsin Health. <i>Flexible Services and Manufacturing Journal</i> , 2016, 28, 90-119.	1.9	16
10	Integrated scheduling of elective surgeries and surgical nurses for operating room suites. <i>Flexible Services and Manufacturing Journal</i> , 2016, 28, 166-181.	1.9	14
11	Location and Capacity Optimization of Distributed Energy Storage System in Peak-Shaving. <i>Energies</i> , 2020, 13, 513.	1.6	14
12	Physician Recommendation on Healthcare Appointment Platforms Considering Patient Choice. <i>IEEE Transactions on Automation Science and Engineering</i> , 2020, 17, 886-899.	3.4	13
13	Multi-fidelity sampling for efficient simulation-based decision making in manufacturing management. <i>IIE Transactions</i> , 2019, 51, 792-805.	1.6	12
14	Semiconductor wafer fabrication production planning using multi-fidelity simulation optimisation. <i>International Journal of Production Research</i> , 2020, 58, 6585-6600.	4.9	11
15	Distributed maximum correntropy unscented Kalman filtering with state equality constraints. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 7053-7071.	2.1	9
16	Deep Reinforcement Learning for Load Shedding Against Short-Term Voltage Instability in Large Power Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 4249-4260.	7.2	9
17	Effectiveness of referral incentive policy: Exploring using queuing network model with blocking. , 2011, , .		8
18	Treatment Planning for Volumetric-Modulated Arc Therapy: Model and Heuristic Algorithms. <i>IEEE Transactions on Automation Science and Engineering</i> , 2015, 12, 116-126.	3.4	8

#	ARTICLE	IF	CITATIONS
19	Capacity optimization of battery energy storage systems for frequency regulation. , 2015, , .		8
20	Optimal Appointment Rule Design in an Outpatient Department. IEEE Transactions on Automation Science and Engineering, 2019, 16, 100-114.	3.4	8
21	Graph Convolutional Network-Based Interpretable Machine Learning Scheme in Smart Grids. IEEE Transactions on Automation Science and Engineering, 2023, 20, 47-58.	3.4	8
22	Synchrophasor Data Analytics: Transmission Line Parameters Online Estimation for Energy Management. IEEE Transactions on Engineering Management, 2022, 69, 671-681.	2.4	7
23	Capacity allocation and revenue sharing in healthcare alliances. Flexible Services and Manufacturing Journal, 2020, 32, 829-851.	1.9	7
24	A Simulation-Based Optimization Method for Hybrid Frequency Regulation System Configuration. Energies, 2017, 10, 1302.	1.6	6
25	Manage Distributed Energy Storage Charging and Discharging Strategy: Models and Algorithms. IEEE Transactions on Engineering Management, 2022, 69, 755-764.	2.4	6
26	Real-time AGC dispatch units considering wind power and ramping capacity of thermal units. Journal of Modern Power Systems and Clean Energy, 2015, 3, 353-360.	3.3	5
27	A Real-Time Access Control of Patient Service in the Outpatient Clinic. IEEE Transactions on Automation Science and Engineering, 2017, 14, 758-771.	3.4	5
28	A Stochastic Queueing Model for Capacity Allocation in the Hierarchical Healthcare Delivery System. Asia-Pacific Journal of Operational Research, 2019, 36, 1950005.	0.9	5
29	Stochastic Control Framework for Determining Feasible Alternatives in Sampling Allocation. IEEE Transactions on Automatic Control, 2020, 65, 2647-2653.	3.6	5
30	Online contextual learning with perishable resources allocation. IISE Transactions, 2020, 52, 1343-1357.	1.6	5
31	Dynamic performance-based automatic generation control unit allocation with frequency sensitivity identification. International Journal of Production Research, 2016, 54, 6532-6547.	4.9	3
32	Capacity optimization of Energy Storage Based on Intelligent optimization Algorithm and Photovoltaic Power Prediction Error Data. , 2020, , .		3
33	Optimizing strategic grain reserve placement in a partial pooling structure. , 2017, , .		2
34	Optimizing local pickup and delivery with uncertain loads. , 2011, , .		1
35	Integrated operating room scheduling optimization under particularly workload constrain of surgeon. , 2013, , .		1
36	A simulation based GA for multi-objective optimization in patient flow distribution. , 2014, , .		1

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37	Design appointment in outpatient department with bulk service. , 2015, , .		1
38	An efficiency and convergence analysis of multi-fidelity optimization with ordinal transformation and optimal sampling. , 2016, , .		1
39	Energy storage system control strategy in frequency regulation. , 2016, , .		1
40	Systems Analytics: Modeling and Optimizing Clinic Workflow and Patient Care. , 2016, , 299-340.		1
41	Resource allocation via dynamic admission control in healthcare system. , 2017, , .		1
42	The Short-Term Power Consumption Forecasting Based on the Portrait of Substation Areas. , 2020, , .		1
43	Online Ranking of Physicians with Perishable Resources. , 2020, , .		1
44	Dynamic Resource Allocation in a Hierarchical Appointment System: Optimal Structure and Heuristics. IEEE Transactions on Automation Science and Engineering, 2020, , 1-15.	3.4	1
45	A prediction model of patient satisfaction: policy evaluation and sensitivity analysis. Flexible Services and Manufacturing Journal, 0, , .	1.9	1
46	Simulation optimization for the MRO scheduling problem based on multi-fidelity models. , 2016, , .		0
47	A Multi-agent-based Simulation Model to Analyze Patientsâ€™ Hospital Selection in Hierarchical Healthcare Systems. , 2017, , 167-187.		0
48	Power System Stability: Modelling, Analysis and Control [Bookshelf]. IEEE Control Systems, 2017, 37, 99-100.	1.0	0
49	Optimisation of the national grain reserve system using a two-phase algorithm. Journal of Simulation, 2023, 17, 746-764.	1.0	0