

Mengqi Hu

List of Publications by Year in descending order

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36
papers

1,322
citations

331670

21
h-index

414414

32
g-index

36
all docs

36
docs citations

36
times ranked

1343
citing authors

#	ARTICLE	IF	CITATIONS
1	An Adaptive Particle Swarm Optimization With Multiple Adaptive Methods. IEEE Transactions on Evolutionary Computation, 2013, 17, 705-720.	10.0	165
2	Multi-objective path planning for unmanned surface vehicle with currents effects. ISA Transactions, 2018, 75, 137-156.	5.7	154
3	A probability constrained multi-objective optimization model for CCHP system operation decision support. Applied Energy, 2014, 116, 230-242.	10.1	117
4	Short-term building energy model recommendation system: A meta-learning approach. Applied Energy, 2016, 172, 251-263.	10.1	80
5	Decentralized operation strategies for an integrated building energy system using a memetic algorithm. European Journal of Operational Research, 2012, 217, 185-197.	5.7	68
6	An intelligent augmentation of particle swarm optimization with multiple adaptive methods. Information Sciences, 2012, 213, 68-83.	6.9	67
7	Balancing collective and individual interests in transactive energy management of interconnected micro-grid clusters. Energy, 2016, 109, 1075-1085.	8.8	67
8	A single-loop deterministic method for reliability-based design optimization. Engineering Optimization, 2013, 45, 435-458.	2.6	55
9	Influence analysis of driver behavior and building category on economic performance of electric vehicle to grid and building integration. Applied Energy, 2017, 207, 427-437.	10.1	50
10	A recommendation system for meta-modeling: A meta-learning based approach. Expert Systems With Applications, 2016, 46, 33-44.	7.6	49
11	A collaborative operation decision model for distributed building clusters. Energy, 2015, 84, 759-773.	8.8	44
12	A distributed decision framework for building clusters with different heterogeneity settings. Applied Energy, 2016, 165, 393-404.	10.1	43
13	A comparison study on trading behavior and profit distribution in local energy transaction games. Applied Energy, 2020, 280, 115941.	10.1	34
14	An augmented multi-objective particle swarm optimizer for building cluster operation decisions. Applied Soft Computing Journal, 2014, 25, 347-359.	7.2	33
15	An accurate penalty-based approach for reliability-based design optimization. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2010, 21, 87-98.	2.1	32
16	Adaptive recommendation model using meta-learning for population-based algorithms. Information Sciences, 2019, 476, 192-210.	6.9	28
17	Informatics in Radiology: Efficiency Metrics for Imaging Device Productivity. Radiographics, 2011, 31, 603-616.	3.3	27
18	A data-driven feed-forward decision framework for building clusters operation under uncertainty. Applied Energy, 2015, 141, 229-237.	10.1	26

#	ARTICLE	IF	CITATIONS
19	A scenario-based stochastic programming approach for the product configuration problem under uncertainties and carbon emission regulations. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2018, 115, 126-146.	7.4	25
20	Dynamic energy scheduling and routing of multiple electric vehicles using deep reinforcement learning. <i>Energy</i> , 2022, 244, 122626.	8.8	24
21	A Collaborative Decision Model for Electric Vehicle to Building Integration. <i>Energy Procedia</i> , 2017, 105, 2077-2082.	1.8	22
22	Swarm intelligence-based distributed stochastic model predictive control for transactive operation of networked building clusters. <i>Energy and Buildings</i> , 2019, 198, 207-215.	6.7	18
23	A swarm intelligence based distributed decision approach for transactive operation of networked building clusters. <i>Energy and Buildings</i> , 2018, 169, 172-184.	6.7	14
24	Dynamic energy scheduling and routing of a large fleet of electric vehicles using multi-agent reinforcement learning. <i>Computers and Industrial Engineering</i> , 2022, 169, 108180.	6.3	13
25	A reliability-based transit trip planning model under transit network uncertainty. <i>Public Transport</i> , 2016, 8, 477-496.	2.7	9
26	Integrated energy scheduling and routing for a network of mobile prosumers. <i>Energy</i> , 2020, 200, 117451.	8.8	9
27	Design of a decentralized framework for collaborative product design using memetic algorithms. <i>Optimization and Engineering</i> , 2014, 15, 657-676.	2.4	8
28	A data-driven analytical approach to enable optimal emerging technologies integration in the co-optimized electricity and ancillary service markets. <i>Energy</i> , 2017, 122, 613-626.	8.8	8
29	Continuous Model Adaptation Using Online Meta-Learning for Smart Grid Application. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 3633-3642.	11.3	8
30	A comparison analysis of swarm intelligence algorithms for robot swarm learning. , 2017, , .		7
31	Deep Deterministic Policy Gradient With Compatible Critic Network. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 4332-4344.	11.3	7
32	Deep Reinforcement Learning With Graph Representation for Vehicle Repositioning. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 13094-13107.	8.0	6
33	The Application of Memetic Algorithms for Forearm Crutch Design: A Case Study. <i>Mathematical Problems in Engineering</i> , 2011, 2011, 1-14.	1.1	4
34	An agent-based simulation model for distributed vehicle sharing operations. , 2017, , .		1
35	Accuracy vs. robustness: Bi-criteria optimized ensemble of metamodels. , 2014, , .		0
36	A data-driven modeling approach for digital material additive manufacturing process planning. , 2016, , .		0