

Weiting Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

944
citations

1040056

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1199594

12
g-index

18
all docs

18
docs citations

18
times ranked

662
citing authors

#	ARTICLE	IF	CITATIONS
1	Client-Edge-Cloud Hierarchical Federated Learning. , 2020, , .		347
2	Data-Driven Methods for Predictive Maintenance of Industrial Equipment: A Survey. IEEE Systems Journal, 2019, 13, 2213-2227.	4.6	273
3	Optimizing Federated Learning in Distributed Industrial IoT: A Multi-Agent Approach. IEEE Journal on Selected Areas in Communications, 2021, 39, 3688-3703.	14.0	84
4	Deep Reinforcement Learning Based Resource Management for DNN Inference in Industrial IoT. IEEE Transactions on Vehicular Technology, 2021, 70, 7605-7618.	6.3	69
5	Accuracy-Guaranteed Collaborative DNN Inference in Industrial IoT via Deep Reinforcement Learning. IEEE Transactions on Industrial Informatics, 2021, 17, 4988-4998.	11.3	58
6	DeepHealth: A Self-Attention Based Method for Instant Intelligent Predictive Maintenance in Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2021, 17, 5461-5473.	11.3	36
7	Learning-Based Computation Offloading for IoRT Through Ka/Q-Band Satelliteâ€“Terrestrial Integrated Networks. IEEE Internet of Things Journal, 2022, 9, 12056-12070.	8.7	12
8	CarNet: A Dual Correlation Method for Health Perception of Rotating Machinery. IEEE Sensors Journal, 2019, 19, 7095-7106.	4.7	11
9	Long-term optimization for MEC-enabled HetNets with deviceâ€“edgeâ€“cloud collaboration. Computer Communications, 2021, 166, 66-80.	5.1	11
10	Deep-Reinforcement-Learning-Based Latency Minimization in Edge Intelligence Over Vehicular Networks. IEEE Internet of Things Journal, 2022, 9, 1300-1312.	8.7	11
11	Learningâ€“based deep neural network inference task offloading in multiâ€“device and multiâ€“server collaborative edge computing. Transactions on Emerging Telecommunications Technologies, 2022, 33, .	3.9	7
12	Spectrum and Computing Resource Management for Federated Learning in Distributed Industrial IoT. , 2021, , .		6
13	Communication, Computing, and Learning on the Edge. , 2018, , .		5
14	AESGRU: An Attention-Based Temporal Correlation Approach for End-to-End Machine Health Perception. IEEE Access, 2019, 7, 141487-141497.	4.2	5
15	Deep Reinforcement Learning Based Resource Management for DNN Inference in IIoT. , 2020, , .		4
16	Efficient Uplink Transmission in Ultra-Dense LEO Satellite Networks With Multiband Antennas. IEEE Communications Letters, 2022, 26, 1373-1377.	4.1	2
17	Resource-Efficient DNN Training and Inference for Heterogeneous Edge Intelligence in 6G. , 2021, , .		2
18	MetroNet: A Novel Data-Driven Fault Diagnosis Method Applied to Wheel Bearings of Metro Trains. , 2019, , .		1