

Di Wu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1771562/publications.pdf>

Version: 2024-02-01

29
papers

1,441
citations

430874

18
h-index

752698

20
g-index

29
all docs

29
docs citations

29
times ranked

1729
citing authors

#	ARTICLE	IF	CITATIONS
1	Vehicle Trajectory Interpolation Based on Ensemble Transfer Regression. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 7680-7691.	8.0	11
2	Human-Machine Interaction in Intelligent and Connected Vehicles: A Review of Status Quo, Issues, and Opportunities. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 13954-13975.	8.0	16
3	LEDGE: Leveraging Edge Computing for Resilient Access Management of Mobile IoT. IEEE Transactions on Mobile Computing, 2021, 20, 1110-1125.	5.8	28
4	EdgeLSTM: Towards Deep and Sequential Edge Computing for IoT Applications. IEEE/ACM Transactions on Networking, 2021, 29, 1895-1908.	3.8	20
5	Biopsy-free in vivo virtual histology of skin using deep learning. Light: Science and Applications, 2021, 10, 233.	16.6	36
6	Towards Distributed SDN: Mobility Management and Flow Scheduling in Software Defined Urban IoT. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 1400-1418.	5.6	38
7	A Fusion Framework Based on Sparse Gaussian-Wigner Prediction for Vehicle Localization Using GDOP of GPS Satellites. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 680-689.	8.0	33
8	Exploring Individual Travel Patterns Across Private Car Trajectory Data. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 5036-5050.	8.0	51
9	LSTM Learning With Bayesian and Gaussian Processing for Anomaly Detection in Industrial IoT. IEEE Transactions on Industrial Informatics, 2020, 16, 5244-5253.	11.3	163
10	When Sharing Economy Meets IoT. , 2020, 4, 1-26.		26
11	ParkCrowd: Reliable Crowdsensing for Aggregation and Dissemination of Parking Space Information. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 4032-4044.	8.0	29
12	EdgeCNN: A Hybrid Architecture for Agile Learning of Healthcare Data from IoT Devices. , 2018, , .		13
13	Modeling and Analysis of Data Aggregation From Convergecast in Mobile Sensor Networks for Industrial IoT. IEEE Transactions on Industrial Informatics, 2018, 14, 4457-4467.	11.3	35
14	Compress-filtering and transfer-expanding of data set for short-term load forecasting. , 2017, , .		4
15	ADDSEN: Adaptive Data Processing and Dissemination for Drone Swarms in Urban Sensing. IEEE Transactions on Computers, 2016, , 1-1.	3.4	58
16	Energy-Efficient CNN Implementation on a Deeply Pipelined FPGA Cluster. , 2016, , .		158
17	Software Infrastructure for Enabling FPGA-Based Accelerations in Data Centers. , 2016, , .		15
18	Big Data Driven Mobile Traffic Understanding and Forecasting: A Time Series Approach. IEEE Transactions on Services Computing, 2016, 9, 796-805.	4.6	166

#	ARTICLE	IF	CITATIONS
19	Opportunistic Routing Algorithm for Relay Node Selection in Wireless Sensor Networks. IEEE Transactions on Industrial Informatics, 2015, 11, 112-121.	11.3	211
20	Optimal Energy Strategy for Node Selection and Data Relay in WSN-based IoT. Mobile Networks and Applications, 2015, 20, 169-180.	3.3	44
21	Online War-Driving by Compressive Sensing. IEEE Transactions on Mobile Computing, 2015, 14, 2349-2362.	5.8	28
22	UbiFlow: Mobility management in urban-scale software defined IoT. , 2015, , .		87
23	Joint multi-radio multi-channel assignment, scheduling, and routing in wireless mesh networks. Wireless Networks, 2014, 20, 11-24.	3.0	29
24	FPGA Implementation of EM Algorithm for 3D CT Reconstruction. , 2014, , .		6
25	FPGA Simulation Engine for Customized Construction of Neural Microcircuit. , 2013, 2013, 229.		6
26	FPGA simulation engine for customized construction of neural microcircuits. , 2013, , .		4
27	Scalable Channel Allocation and Access Scheduling for Wireless Internet-of-Things. IEEE Sensors Journal, 2013, 13, 3596-3604.	4.7	31
28	Location-Based Crowdsourcing for Vehicular Communication in Hybrid Networks. IEEE Transactions on Intelligent Transportation Systems, 2013, 14, 837-846.	8.0	66
29	A holistic approach to wireless sensor network routing in underground tunnel environments. Computer Communications, 2010, 33, 1566-1573.	5.1	29