

Yu Xiang

List of Publications by Year in descending order

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27
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27
docs citations

27
times ranked

245
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerodynamic data predictions based on multi-task learning. Applied Soft Computing Journal, 2022, 116, 108369.	4.1	5
2	A multi-channel anomaly detection method with feature selection and multi-scale analysis. Computer Networks, 2021, 185, 107645.	3.2	5
3	A Vehicle Control Model to Alleviate Traffic Instability. IEEE Transactions on Vehicular Technology, 2021, 70, 9863-9876.	3.9	1
4	Rear-End Collision Avoidance-Based on Multi-Channel Detection. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 3525-3535.	4.7	13
5	Neural Networks-Based Aerodynamic Data Modeling: A Comprehensive Review. IEEE Access, 2020, 8, 90805-90823.	2.6	45
6	A Traffic Anomaly Detection Method based on Multi-scale Decomposition and Multi-Channel Detector. , 2019, , .		0
7	Research on Multiple Sensors Vehicle Detection With EMD-Based Denoising. IEEE Internet of Things Journal, 2019, 6, 6262-6270.	5.5	12
8	A SVR&ANN combined model based on ensemble EMD for rainfall prediction. Applied Soft Computing Journal, 2018, 73, 874-883.	4.1	110
9	3D space detection and coverage of wireless sensor network based on spatial correlation. Journal of Network and Computer Applications, 2016, 61, 93-101.	5.8	19
10	Spatial-Temporal Analysis of Environmental Data of North Beijing District Using Hilbert-Huang Transform. PLoS ONE, 2016, 11, e0167662.	1.1	9
11	Design and Implementation of Intelligent Field Monitoring and Irrigation System for Radix Ophiopogonis. Lecture Notes in Electrical Engineering, 2015, , 927-941.	0.3	0
12	Performance research on time-triggered Ethernet based on network calculus. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	1.5	5
13	Research on Distance Measurement Based on LQI. Lecture Notes in Electrical Engineering, 2014, , 1159-1171.	0.3	1
14	A Three-Dimensional Space Coverage Algorithm in Wireless Sensor Networks. Lecture Notes in Electrical Engineering, 2014, , 29-39.	0.3	2
15	Research on Time Triggered Ethernet Based on Deterministic Network Calculus. Lecture Notes in Electrical Engineering, 2014, , 1145-1157.	0.3	2
16	A Distributed Algorithm for Virtual Backbone Construction with Cellular Structure in WSNs. International Journal of Distributed Sensor Networks, 2012, 8, 831427.	1.3	4
17	Leveraging 1-hop Neighborhood Knowledge for Connected Dominating Set in Wireless Sensor Networks. Journal of Computers, 2012, 7, .	0.4	4
18	Forwarding Set Based Distributed Algorithm for Connected Dominating Set in WSN. Sensor Letters, 2012, 10, 1918-1924.	0.4	0

#	ARTICLE	IF	CITATIONS
19	An Energy-Efficient Distributed Algorithm for Virtual Backbone Construction with Cellular Structure in WSN. International Journal of Distributed Sensor Networks, 2012, 8, 840983.	1.3	0
20	One-Hop Neighbor Transmission Coverage Information Based Distributed Algorithm for Connected Dominating Set. , 2010, , .		2
21	An IPv6 Wireless Sensor Network Node-TaraxNode. , 2009, , .		3
22	Cross-layer energy efficient clustering for heterogeneous wireless sensor networks with renewable energy sources. , 2007, , .		0
23	Detecting DDOS attack based on network self-similarity. IET Communications, 2004, 151, 292.	1.0	30
24	Some methods to improve efficiency of Diffserv. , 0, , .		0