

Yiming Wang

List of Publications by Year in descending order

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25
papers

1,038
citations

840776

11
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

915
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges Toward Wireless Communications for High-Speed Railway. IEEE Transactions on Intelligent Transportation Systems, 2014, 15, 2143-2158.	8.0	376
2	High-Speed Railway Communications: From GSM-R to LTE-R. IEEE Vehicular Technology Magazine, 2016, 11, 49-58.	3.4	240
3	5G Key Technologies for Smart Railways. Proceedings of the IEEE, 2020, 108, 856-893.	21.3	192
4	Human Fall Detection Based on Body Posture Spatio-Temporal Evolution. Sensors, 2020, 20, 946.	3.8	39
5	<i>T</i>-Center: A Novel Feature Extraction Approach Towards Large-Scale Iris Recognition. IEEE Access, 2020, 8, 32365-32375.	4.2	22
6	When High-Speed Railway Networks Meet Multipath TCP: Supporting Dependable Communications. IEEE Wireless Communications Letters, 2020, 9, 202-205.	5.0	20
7	Game Theory-Based Multi-Objective Optimization Interference Alignment Algorithm for HSR 5G Heterogeneous Ultra-Dense Network. IEEE Transactions on Vehicular Technology, 2020, 69, 13371-13382.	6.3	16
8	Realizing Railway Cognitive Radio: A Reinforcement Base-Station Multi-Agent Model. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 1452-1467.	8.0	15
9	Cognitive Communication in Rail Transit: Awareness, Adaption, and Reasoning. IT Professional, 2017, 19, 45-54.	1.5	12
10	Space-Air-Ground Integrated Network Development and Applications in High-Speed Railways: A Survey. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 10066-10085.	8.0	12
11	Analysis and Optimization of Sensing Reliability for Relay-Based Dual-Stage Collaborative Spectrum Sensing in Cognitive Radio Networks. Wireless Personal Communications, 2013, 72, 2321-2337.	2.7	11
12	Parameter Adaptation and Situation Awareness of <i>LTE-R</i> Handover for High-Speed Railway Communication. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 1767-1781.	8.0	11
13	Study of Threshold Setting for Rapid Detection of Multicomponent LFM Signals Based on the Fourth-Order Origin Moment of Fractional Spectrum. Circuits, Systems, and Signal Processing, 2013, 32, 255-271.	2.0	10
14	Efficient Detection of Chirp Signals Based on the Fourth-Order Origin Moment of Fractional Spectrum. Circuits, Systems, and Signal Processing, 2014, 33, 1585-1596.	2.0	9
15	Detection of abnormal behavior in narrow scene with perspective distortion. Machine Vision and Applications, 2019, 30, 987-998.	2.7	9
16	Cooperative Learning for Spectrum Management in Railway Cognitive Radio Network. IEEE Transactions on Vehicular Technology, 2019, 68, 5809-5819.	6.3	9
17	Optimal Cooperative Spectrum Aware Opportunistic Routing in Cognitive Radio Ad Hoc Networks. Wireless Personal Communications, 2016, 91, 101-118.	2.7	7
18	A fuzzy-based function approximation technique for reinforcement learning ¹ . Journal of Intelligent and Fuzzy Systems, 2017, 32, 3909-3920.	1.4	7

#	ARTICLE	IF	CITATIONS
19	An Improved Interference Alignment Algorithm With User Mobility Prediction for High-Speed Railway Wireless Communication Networks. IEEE Access, 2020, 8, 80468-80479.	4.2	6
20	Spectrum Situation Awareness Based on Time-Series Depth Networks for LTE-R Communication System. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 8629-8640.	8.0	5
21	Optimization of Time-Frequency Resource Management Based on Probabilistic Graphical Models in Railway Internet-of-Things Networking. IEEE Internet of Things Journal, 2021, 8, 4788-4801.	8.7	4
22	Learning From Big Data: A Survey and Evaluation of Approximation Technologies for Large-Scale Reinforcement Learning., 2017, , .		2
23	A Topology Control and Routing Method in MCRNs Based on Power Consumption and Link Stability. Wireless Personal Communications, 2017, 92, 1347-1363.	2.7	2
24	Bayesian-based Distributed Sequential Decision In Rail Transit Cognitive Radio. Procedia Computer Science, 2018, 129, 382-388.	2.0	2
25	Analysis of Network Path Selection Based on Outage Probability in Cognitive Relay Networks. Wireless Personal Communications, 2014, 78, 1063-1078.	2.7	0