Xin-Lin Huang

List of Publications by Year
in descending order

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		759233	580821
35	633	12	25
papers	citations	h-index	g-index

35	35	35	721
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multitask Spectrum Sensing in Cognitive Radio Networks via Spatiotemporal Data Mining. IEEE Transactions on Vehicular Technology, 2013, 62, 809-823.	6.3	99
2	Editorial: Machine Learning and Intelligent Communications. Mobile Networks and Applications, 2018, 23, 68-70.	3.3	97
3	Stability-Capacity-Adaptive Routing for High-Mobility Multihop Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 2714-2729.	6.3	66
4	Intelligent Cooperative Spectrum Sensing via Hierarchical Dirichlet Process in Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2015, 33, 771-787.	14.0	64
5	Historical Spectrum Sensing Data Mining for Cognitive Radio Enabled Vehicular Ad-Hoc Networks. IEEE Transactions on Dependable and Secure Computing, 2016, 13, 59-70.	5.4	56
6	The Impact of Spectrum Sensing Frequency and Packet-Loading Scheme on Multimedia Transmission Over Cognitive Radio Networks. IEEE Transactions on Multimedia, 2011, 13, 748-761.	7.2	35
7	Dynamic Spectrum Access for Multimedia Transmission Over Multi-User, Multi-Channel Cognitive Radio Networks. IEEE Transactions on Multimedia, 2020, 22, 201-214.	7.2	30
8	Q-Learning-Based Spectrum Access for Multimedia Transmission Over Cognitive Radio Networks. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 110-119.	7.9	17
9	Spectrum Mapping in Large-Scale Cognitive Radio Networks With Historical Spectrum Decision Results Learning. IEEE Access, 2018, 6, 21350-21358.	4.2	16
10	Multimedia over cognitive radio networks: Towards a cross-layer scheduling under Bayesian traffic learning. Computer Communications, 2014, 51, 48-59.	5.1	15
11	Knowledge-Enhanced Mobile Video Broadcasting Framework With Cloud Support. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 6-18.	8.3	14
12	Noncooperative Spectrum Sensing with Historical Sensing Data Mining in Cognitive Radio. IEEE Transactions on Vehicular Technology, 2017, 66, 8863-8871.	6.3	13
13	DaC-RAN: A data-assisted cloud radio access network for visual communications. IEEE Wireless Communications, 2015, 22, 130-136.	9.0	12
14	Rate-Adaptive Feedback with Bayesian Compressive Sensing in Multiuser MIMO Beamforming Systems. IEEE Transactions on Wireless Communications, 2016, , 1-1.	9.2	12
15	QoE-Driven UAV-Enabled Pseudo-Analog Wireless Video Broadcast: A Joint Optimization of Power and Trajectory. IEEE Transactions on Multimedia, 2021, 23, 2398-2412.	7.2	12
16	Minimal Euclidean distanceâ€inspired optimal and suboptimal modulation schemes for vector OFDM system. International Journal of Communication Systems, 2011, 24, 553-567.	2.5	11
17	Improved KMV-Cast with BM3D Denoising. Mobile Networks and Applications, 2018, 23, 100-107.	3.3	10
18	Human-Perception-Oriented Pseudo Analog Video Transmissions With Deep Learning. IEEE Transactions on Vehicular Technology, 2020, 69, 9896-9909.	6.3	10

#	Article	IF	Citations
19	Energy-efficiency maximization for fixed-wing UAV-enabled relay network with circular trajectory. Chinese Journal of Aeronautics, 2022, 35, 71-80.	5.3	9
20	A Design of SDR-Based Pseudo-analog Wireless Video Transmission System. Mobile Networks and Applications, 2020, 25, 2495-2505.	3.3	8
21	Cooperative Spectrum Sensing With Data Mining of Multiple Usersâ€™ Historical Sensing Data. IEEE Access, 2016, 4, 7391-7401.	4.2	5
22	Optimal Antenna Deployment for Multiuser MIMO Systems Based on Random Matrix Theory. IEEE Transactions on Vehicular Technology, 2016, 65, 8155-8162.	6.3	4
23	Maximum a Posteriori Decoding for KMV-Cast Pseudo-Analog Video Transmission. Mobile Networks and Applications, 2018, 23, 318-325.	3.3	3
24	Historical Sensing Data Mining in Cognitive Radio Networks. Advances in Intelligent Systems and Computing, 2014, , 549-557.	0.6	3
25	The Stable Channel State Analysis for Multimedia Packets Allocation over Cognitive Radio Networks. , 2016, , .		2
26	Performance Analysis of KMV-Cast with Imperfect Prior Knowledge. , 2016, , .		2
27	Machine Learning for Communication Performance Enhancement. Wireless Communications and Mobile Computing, 2018, 2018, 1-2.	1.2	2
28	Compressive Spectrum Sensing with Temporal-Correlated Prior Knowledge Mining. Wireless Communications and Mobile Computing, 2021, 2021, 1-9.	1.2	2
29	Queuing theory based spectrum allocation in cognitive radio networks. , 2014, , .		1
30	Research on multimedia transmission over cognitive radio networks. , 2015, , .		1
31	Research on Denoising Method in Pseudo-analog Video Transmission. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2022, , 231-239.	0.3	1
32	The Wiener Filter-Based Adaptive Denoising for Pseudo Analogy Video Transmission. IEEE Access, 2022, 10, 52760-52770.	4.2	1
33	Editorial for Chinacom2015 Special Issue. Mobile Networks and Applications, 2016, 21, 905-907.	3.3	0
34	Spectrum Sensing and Spectrum Allocation Algorithms in Wireless Monitoring Video Transmission. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 402-411.	0.3	0
35	Research on Cooperative Spectrum Sensing Algorithm. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 346-355.	0.3	0