Di He

List of Publications by Year
in descending order

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71	617	932766	642321
papers	citations	10 h-index	23 g-index

73	73	73	803
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wireless Localization Method Using the Distributed Iterative Stochastic-Resonance-Based Signal Spectral Combination. IEEE Access, 2022, 10, 13059-13070.	2.6	0
2	Energy-Efficient Beamforming for Beamspace HAP-NOMA Systems. IEEE Communications Letters, 2021, 25, 1678-1681.	2.5	7
3	Multi-BS Spatial Spectrum Fusion for 2-D DOA Estimation and Localization Using UCA in Massive MIMO System. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	2.4	18
4	A Novel Wireless Localization Approach Using Twice Receiving Array Spectra Fusions and ASSR Networks. IEEE Transactions on Communications, 2021, 69, 2628-2642.	4.9	0
5	A cross-level information transmission network for hierarchical omics data integration and phenotype prediction from a new genotype. Bioinformatics, 2021, 38, 204-210.	1.8	9
6	Improved Wi-Fi Indoor Localization Based on Signal Quality Parameters and RSSI Smoothing Algorithm. , 2021, , .		2
7	Beam Selection Algorithm for Beamspace HAP-MIMO Systems Based on Statistical CSI. , 2021, , .		1
8	A Modified K-means User Grouping Design for HAP Massive MIMO Systems. , 2021, , .		1
9	SLNR Based Hybrid Precoding for HAP Massive MIMO Systems with Limited RF Chains. , 2020, , .		1
10	Enhancing mmWave DOA Estimation by Cumulative Power Gradient At Low SNR. IEEE Signal Processing Letters, 2020, 27, 1974-1978.	2.1	4
11	A Novel Wireless Positioning Approach Based on Distributed Stochastic-Resonance-Enhanced Power Spectrum Fusion Technique. , 2019, , .		3
12	Prediction of off-target specificity and cell-specific fitness of CRISPR-Cas System using attention boosted deep learning and network-based gene feature. PLoS Computational Biology, 2019, 15, e1007480.	1.5	41
13	Stable and Fair Quantized Notification for 5G Mobile Network. , 2019, , .		0
14	LBCN: Load Balancing based on Congestion Notification in CRAN Networks for 5G Transport. , 2019, , .		0
15	Rational discovery of dual-indication multi-target PDE/Kinase inhibitor for precision anti-cancer therapy using structural systems pharmacology. PLoS Computational Biology, 2019, 15, e1006619.	1.5	37
16	User Grouping and Beamforming for HAP Massive MIMO Systems Based on Statistical-Eigenmode. IEEE Wireless Communications Letters, 2019, 8, 961-964.	3.2	22
17	Graph Based User Clustering for HAP Massive MIMO Systems With Two-stage Beamforming. , 2019, , .		1
18	A 3â€Ð Multiuser HAPâ€MIMO Channel Model Based on Dynamic Evolution of LOS Components. Chinese Journal of Electronics, 2019, 28, 645-650.	0.7	2

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19	A Non-Stationary 3-D Wideband GBSM for HAP-MIMO Communication Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 1128-1139.	3.9	26
20	Two-Stage Precoding Design in Rician Channel for HAP Massive MIMO Systems. , 2019, , .		2
21	Performance Analyses of Quantized Congestion Notification for 5G Distributed Base Station. , 2018, , .		0
22	3-D Spatial Spectrum Fusion Indoor Localization Algorithm Based on CSI-UCA Smoothing Technique. IEEE Access, 2018, 6, 59575-59588.	2.6	17
23	JDINAC: joint density-based non-parametric differential interaction network analysis and classification using high-dimensional sparse omics data. Bioinformatics, 2017, 33, 3080-3087.	1.8	24
24	Large-Scale Off-Target Identification Using Fast and Accurate Dual Regularized One-Class Collaborative Filtering and Its Application to Drug Repurposing. PLoS Computational Biology, 2016, 12, e1005135.	1.5	65
25	Improved subspace direction-of-arrival estimation in unknown nonuniform noise fields. , 2016, , .		1
26	An Improved Tabu Search Algorithm Based on Grid Search Used in the Antenna Parameters Optimization. Mathematical Problems in Engineering, 2015, 2015, 1-8.	0.6	2
27	Cooperative spectrum sensing based on stochastic resonance in cognitive radio networks. Science China Information Sciences, 2014, 57, 1-10.	2.7	3
28	Reducing the Sampling Complexity of Energy Detection in Cognitive Radio Networks under Low SNR by Using the Optimal Stochastic Resonance Technique. Circuits, Systems, and Signal Processing, 2013, 32, 1891-1905.	1.2	1
29	Chaotic Stochastic Resonance Energy Detection Fusion Used in Cooperative Spectrum Sensing. IEEE Transactions on Vehicular Technology, 2013, 62, 620-627.	3.9	11
30	An enhanced covariance spectrum sensing technique based on stochastic resonance in cognitive radio networks. , 2012, , .		2
31	An improved cyclostationary feature detection based on the selection of optimal parameter in cognitive radios. Journal of Shanghai Jiaotong University (Science), 2012, 17, 1-7.	0.5	3
32	An Efficiency Optimization Scheme for the Two-Stage Spectrum Sensing in Cognitive Radio Network. IEICE Transactions on Communications, 2012, E95.B, 2489-2493.	0.4	0
33	Cooperative Spectrum Sensing Approach Based on Stochastic Resonance Energy Detectors Fusion. , 2011, , .		3
34	Optimization of quartic double-well bistable stochastic resonance system. , 2011, , .		1
35	Multiple third order cyclic frequencies based spectrum sensing scheme for CR networks. , 2011, , .		0
36	A Two-Stage Spectrum Sensing Scheme Based on Cyclostationarity in Cognitive Radio. IEICE Transactions on Communications, 2011, E94-B, 2681-2684.	0.4	0

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37	Reputation-based collaborative spectrum sensing scheme in cognitive radio networks. Journal of Shanghai Jiaotong University (Science), 2011, 16, 641-647.	0.5	2
38	A selection scheme for optimum number of cooperative secondary users in spectrum sensing. Journal of Shanghai Jiaotong University (Science), 2011, 16, 652-657.	0.5	1
39	Pre-emptive channel borrowing and traffic overflowing channel allocation scheme for multimedia overlay networks. Journal of Shanghai Jiaotong University (Science), 2011, 16, 677-686.	0.5	0
40	A Censoring Cooperative Spectrum Sensing Scheme Based on Stochastic Resonance in Cognitive Radio. , 2011, , .		6
41	Improving the computer network intrusion detection performance using the relevance vector machine with Chebyshev chaotic map. , 2011, , .		2
42	A probability approach to anomaly detection with twin support vector machines. Journal of Shanghai Jiaotong University (Science), 2010, 15, 385-391.	0.5	9
43	Robust digital audio watermarking scheme using blind source separation with global optimal property. Journal of Shanghai Jiaotong University (Science), 2010, 15, 13-18.	0.5	2
44	A Novel Spectrum-Sensing Technique in Cognitive Radio Based on Stochastic Resonance. IEEE Transactions on Vehicular Technology, 2010, 59, 1680-1688.	3.9	45
45	Breaking the SNR wall of spectrum sensing in cognitive radio by using the chaotic stochastic resonance. , 2010, , .		5
46	Optimal stochastic resonance under low signal-to-noise ratio circumstances. , 2010, , .		1
47	Spectrum Sensing Approach Based on Optimal Stochastic Resonance Technique under Color Noise Background in Cognitive Radio Networks. , 2010, , .		7
48	A Cyclostationary-Based Spectrum Sensing Method Using Stochastic Resonance in Cognitive Radio. , 2010, , .		11
49	A pre-emptive and traffic overflowing based channel allocation scheme for multimedia overlay networks. , 2010, , .		0
50	Improving the spectrum sensing performance in cognitive radio networks using the stochastic resonance approach. , 2009, , .		3
51	An efficient and robust zero-watermarking scheme for audio based on DWT and DCT. , 2009, , .		8
52	Signal Estimation in Clutter Using SVM-Based Chaos Synchronization. , 2009, , .		1
53	A certificated-based binding update mechanism for proxy mobile ipv6 protocol. , 2009, , .		4
54	Network Intrusion Detection Using a Stochastic Resonance CFAR Technique. Circuits, Systems, and Signal Processing, 2009, 28, 361-375.	1.2	1

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55	A spectrum sensing method in cognitive radio based on the third order cyclic cumulant. , 2009, , .		5
56	A novel robust audio watermark algorithm based on stochastic resonance. , 2009, , .		3
57	Cascaded intrusion detection using an improved clustering method. , 2009, , .		0
58	A HOS-based blind signal extraction method for chaotic MIMO systems. Journal of Shanghai Jiaotong University (Science), 2008, 13, 21-25.	0.5	1
59	CFAR detection of weak target in clutter using chaos synchronization. International Journal of Circuit Theory and Applications, 2008, 36, 899-921.	1.3	7
60	Network Intrusion Detection Using CFAR Abrupt-Change Detectors. IEEE Transactions on Instrumentation and Measurement, 2008, 57, 490-497.	2.4	8
61	Blind MIMO direct chaotic communication system identification via higher-order statistic. , 2008, , .		0
62	Hyper chaos synchronization shift keying (HCSSK) modulation and demodulation in wireless communications. , 2008, , .		1
63	A novel PCTH-based UWB system with diversiform modulation schemes. , 2008, , .		0
64	Efficient modulation on the performance of coherent receivers for pseudo-chaotic TH-UWB system. , 2008, , .		0
65	A New Phase Acquisition Method of Address Code Utilizing the Combination of Logistic Map and BP Network. Circuits, Systems, and Signal Processing, 2003, 22, 1-17.	1.2	1
66	Chaotic characteristics of a one-dimensional iterative map with infinite collapses. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2001, 48, 900-906.	0.1	167
67	A chaotic map with infinite collapses. , 0, , .		4
68	Phase tracking of CDMA spreading sequences using dynamic chaotic synchronization. , 0, , .		0
69	Co-deinterlacing between video decoder and video post-processor. , 0, , .		0
70	Estimating weak sinusoidal frequencies embedded in radar clutter using generalized chaos synchronization. , 0, , .		0
71	DOA Estimation and Localization Using Multi-Base Station Spatial Spectrum Fusion. , 0, , .		2