

Xiaohua Li

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

184
citations

1937685

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1720034

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29
all docs

29
docs citations

29
times ranked

211
citing authors

#	ARTICLE	IF	CITATIONS
1	Electric load forecasting in smart grids using Long-Short-Term-Memory based Recurrent Neural Network. , 2017, , .		78
2	Anti-jamming performance of cognitive radio networks under multiple uncoordinated jammers in fading environment. , 2012, , .		16
3	A Forecasting-Residual Spectrum Analysis Method for Distinguishing Forced and Natural Oscillations. IEEE Transactions on Smart Grid, 2019, 10, 493-502.	9.0	15
4	Hybrid Massive MIMO for Secure Transmissions Against Stealthy Eavesdroppers. IEEE Communications Letters, 2018, 22, 81-84.	4.1	10
5	Integrating Volterra Series Model and Deep Neural Networks to Equalize Nonlinear Power Amplifiers. , 2019, , .		7
6	Demand side management with a human behavior model for energy cost optimization in smart grids. , 2015, , .		6
7	Optimal relay selection for transmission rate maximisation in multi-hop wireless networks. Electronics Letters, 2015, 51, 949-950.	1.0	6
8	Coherence function estimation with a derivative constraint for power grid oscillation detection. , 2016, , .		6
9	Using Joint Generalized Eigenvectors of a Set of Covariance Matrix Pencils for Deflationary Blind Source Extraction. IEEE Transactions on Signal Processing, 2018, 66, 2892-2904.	5.3	5
10	Temporal Pulses Driven Spiking Neural Network for Time and Power Efficient Object Recognition in Autonomous Driving. , 2021, , .		5
11	Markov Model Bank for heterogenous cognitive radio networks with multiple dissimilar users and channels. , 2014, , .		4
12	Active Learning for Regression With Correlation Matching and Labeling Error Suppression. IEEE Signal Processing Letters, 2016, 23, 1081-1085.	3.6	4
13	Integration of machine learning and human learning for training optimization in robust linear regression. , 2016, , .		4
14	Reliability and feedback of multiple hop wireless networks. International Journal of Automation and Computing, 2007, 4, 125-134.	4.5	3
15	Intelligence Measure of Cognitive Radios with Learning Capabilities. , 2016, , .		3
16	Optimal relay selections in two-way amplify-and-forward networks. , 2013, , .		2
17	A polynomial rooting approach for analysis of competition among secondary users in cognitive radio networks. , 2014, , .		2
18	Mitigating Black-Box Adversarial Attacks via Output Noise Perturbation. IEEE Access, 2022, 10, 12395-12411.	4.2	2

#	ARTICLE	IF	CITATIONS
19	Performance analysis of coexisting secondary users in heterogeneous cognitive radio network. , 2013, , .		1
20	OFDM Transmission scheme for asynchronous two-way multi-relay cooperative networks with analog network coding. , 2013, , .		1
21	Multi-hop relaying with optimal decode-and-forward transmission rate and self-immunity to mutual interference among wireless nodes. , 2015, , .		1
22	Signal Processing Oriented Approach for Big Data Privacy. , 2015, , .		1
23	Joint machine learning and human learning design with sequential active learning and outlier detection for linear regression problems. , 2016, , .		1
24	Lightweight 2D Imaging for Integrated Imaging and Communication Applications. IEEE Signal Processing Letters, 2021, 28, 528-532.	3.6	1
25	Competitive performance of multiple spectrum access strategies coexisting in heterogeneous cognitive radio networks. , 2014, , .		0
26	Exploit the scale of big data for data privacy: An efficient scheme based on distance-preserving artificial noise and secret matrix transform. , 2014, , .		0
27	Joint re-encoding and successive interference cancellation for multi-hop relay networks. , 2015, , .		0
28	Interference immune multi-hop relaying and efficient relay selection algorithm for arbitrarily large half-duplex Gaussian wireless networks. , 2015, , .		0
29	Population dynamic human behavioral models for smart grid demand side management. , 2016, , .		0