Xiaoniu Yang

List of Publications by Year
in descending order

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15 papers	476 citations	933264 10 h-index	996849 15 g-index
15 all docs	15 docs citations	15 times ranked	347 citing authors

#	Article	IF	Citations
1	Fusion Methods for CNN-Based Automatic Modulation Classification. IEEE Access, 2019, 7, 66496-66504.	2.6	99
2	GA-Based Q-Attack on Community Detection. IEEE Transactions on Computational Social Systems, 2019, 6, 491-503.	3.2	63
3	SR2CNN: Zero-Shot Learning for Signal Recognition. IEEE Transactions on Signal Processing, 2021, 69, 2316-2329.	3.2	58
4	Big Data Processing Architecture for Radio Signals Empowered by Deep Learning: Concept, Experiment, Applications and Challenges. IEEE Access, 2018, 6, 55907-55922.	2.6	47
5	Deep Learning for Large-Scale Real-World ACARS and ADS-B Radio Signal Classification. IEEE Access, 2019, 7, 89256-89264.	2.6	45
6	Open DNN Box by Power Side-Channel Attack. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2717-2721.	2.2	43
7	DeepReceiver: A Deep Learning-Based Intelligent Receiver for Wireless Communications in the Physical Layer. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 5-20.	4.9	36
8	SigNet: A Novel Deep Learning Framework for Radio Signal Classification. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 529-541.	4.9	20
9	AvgNet: Adaptive Visibility Graph Neural Network and Its Application in Modulation Classification. IEEE Transactions on Network Science and Engineering, 2022, 9, 1516-1526.	4.1	19
10	Few-shot electromagnetic signal classification: A data union augmentation method. Chinese Journal of Aeronautics, 2022, 35, 49-57.	2.8	14
11	A Deep Learning-Based Intelligent Receiver for Improving the Reliability of the MIMO Wireless Communication System. IEEE Transactions on Reliability, 2022, 71, 1104-1115.	3.5	10
12	Weight-Variable Scattering Convolution Networks and Its Application in Electromagnetic Signal Classification. IEEE Access, 2019, 7, 175889-175896.	2.6	9
13	Radioâ€“Image Transformer: Bridging Radio Modulation Classification and ImageNet Classification. Electronics (Switzerland), 2020, 9, 1646.	1.8	5
14	New Optimization Method Based on Neural Networks for Designing Radar Waveforms With Good Correlation Properties. IEEE Access, 2021, 9, 91314-91323.	2.6	4
15	Adversarial Examples Detection of Radio Signals Based on Multifeature Fusion. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 3607-3611.	2.2	4