

Xiaoni Yang

List of Publications by Year in descending order

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15
papers

476
citations

933264

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996849

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all docs

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times ranked

347
citing authors

#	ARTICLE	IF	CITATIONS
1	Few-shot electromagnetic signal classification: A data union augmentation method. Chinese Journal of Aeronautics, 2022, 35, 49-57.	2.8	14
2	SigNet: A Novel Deep Learning Framework for Radio Signal Classification. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 529-541.	4.9	20
3	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
4	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
5	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
6	New Optimization Method Based on Neural Networks for Designing Radar Waveforms With Good Correlation Properties. IEEE Access, 2021, 9, 91314-91323.	2.6	4
7	SR2CNN: Zero-Shot Learning for Signal Recognition. IEEE Transactions on Signal Processing, 2021, 69, 2316-2329.	3.2	58
8	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
9	Radio-Image Transformer: Bridging Radio Modulation Classification and ImageNet Classification. Electronics (Switzerland), 2020, 9, 1646.	1.8	5
10	Open DNN Box by Power Side-Channel Attack. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2717-2721.	2.2	43
11	Deep Learning for Large-Scale Real-World ACARS and ADS-B Radio Signal Classification. IEEE Access, 2019, 7, 89256-89264.	2.6	45
12	Fusion Methods for CNN-Based Automatic Modulation Classification. IEEE Access, 2019, 7, 66496-66504.	2.6	99
13	GA-Based Q-Attack on Community Detection. IEEE Transactions on Computational Social Systems, 2019, 6, 491-503.	3.2	63
14	Weight-Variable Scattering Convolution Networks and Its Application in Electromagnetic Signal Classification. IEEE Access, 2019, 7, 175889-175896.	2.6	9
15	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