Van Sang Doan

List of Publications by Year
in descending order

30 papers	314 citations	1163117 8 h-index	1281871 11 g-index
30 all docs	30 docs citations	30 times ranked	114 citing authors

#	Article	IF	Citations
1	Underwater Acoustic Target Classification Based on Dense Convolutional Neural Network. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	61
2	Accurate LPI Radar Waveform Recognition With CWD-TFA for Deep Convolutional Network. IEEE Wireless Communications Letters, 2021, 10, 1638-1642.	5.0	39
3	RFDOA-Net: An Efficient ConvNet for RF-Based DOA Estimation in UAV Surveillance Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 12209-12214.	6.3	27
4	Optimized algorithm for solving phase interferometer ambiguity. , 2016, , .		24
5	Learning Constellation Map with Deep CNN for Accurate Modulation Recognition. , 2020, , .		23
6	CNN-SSDI: Convolution neural network inspired surveillance system for UAVs detection and identification. Computer Networks, 2021, 201, 108519.	5.1	17
7	Lightweight Deep Learning Model for Automatic Modulation Classification in Cognitive Radio Networks. IEEE Access, 2020, 8, 197532-197541.	4.2	13
8	Accurate Deep CNN-Based Waveform Recognition for Intelligent Radar Systems. IEEE Communications Letters, 2021, 25, 2938-2942.	4.1	13
9	RF-Based UAV Surveillance System: A Sequential Convolution Neural Networks Approach. , 2020, , .		13
10	DOA estimation of multiple non-coherent and coherent signals using element transposition of covariance matrix. ICT Express, 2020, 6, 67-75.	4.8	11
11	Algorithm for obtaining high accurate phase interferometer. , 2016, , .		10
12	MoDANet: Multi-Task Deep Network for Joint Automatic Modulation Classification and Direction of Arrival Estimation. IEEE Communications Letters, 2022, 26, 335-339.	4.1	10
13	The measurement of TDOA short baseline. , 2015, , .		9
14	Chain-Net: Learning Deep Model for Modulation Classification Under Synthetic Channel Impairment. , 2020, , .		9
15	Performance Analysis of Non-Profiled Side Channel Attacks Based on Convolutional Neural Networks. , 2020, , .		7
16	Deep Learning for Constellation-based Modulation Classification under Multipath Fading Channels. , 2020, , .		5
17	Multifunctional Signal Generator for Calibration System of Jet Engine Exhaust Gas Temperature Measurement. Periodica Polytechnica Transportation Engineering, 2018, 47, 25-28.	1.2	4
18	The effectivity comparison of TDOA analytical solution methods. , 2015, , .		3

#	Article	IF	Citations
19	Accurate Modulation Classification with Reusable-Feature Convolutional Neural Network. , 2021, , .		3
20	Micro-Doppler-Radar-Based UAV Detection Using Inception-Residual Neural Network. , 2020, , .		3
21	UHF/C-band testing of AOA estimation using MUSIC algorithm. , 2016, , .		2
22	DOA estimation with different NLA configurations. , 2017, , .		2
23	Densely-Accumulated Convolutional Network for Accurate LPI Radar Waveform Recognition. , 2021, , .		2
24	Analytical method solving system of hyperbolic equations. , 2015, , .		1
25	An experimental measurement of simple chip AD8302 implemented in SONAR interferometer. , 2017, , .		1
26	DOA Estimation of Underwater Acoustic Signals Using Non-uniform Linear Arrays. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 103-110.	0.3	1
27	Convolutional Neural Network-Based DOA Estimation Using Non-uniform Linear Array for Multipath Channels. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 45-56.	0.3	1
28	Range Measurement using Beam Coding Technique in Aircraft Landing System. , 2019, , .		0
29	DOA Estimation of Two Correlated Signals Using Covariance Matrix Transformation. , 2019, , .		0
30	Micro-motion Target Classification Based on FMCW Radar Using Extended Residual Neural Network. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 104-115.	0.3	0