Qiang Guo

List of Publications by Year
in descending order

59 papers	449 citations	758635 12 h-index	794141 19 g-index
60 all docs	60 docs citations	60 times ranked	311 citing authors

#	Article	IF	Citations
1	LPI Radar Waveform Recognition Based on Deep Convolutional Neural Network Transfer Learning. Symmetry, 2019, 11, 540.	1.1	39
2	Recognition of radar emitter signals based on SVD and AF main ridge slice. Journal of Communications and Networks, 2015, 17, 491-498.	1.8	38
3	Dynamical processes in the ionosphere following the moderate earthquake in Japan on 7 July 2018. Journal of Atmospheric and Solar-Terrestrial Physics, 2019, 186, 88-103.	0.6	31
4	LPI Radar Waveform Recognition Based on CNN and TPOT. Symmetry, 2019, 11, 725.	1.1	26
5	Ionospheric storm effects over the People's Republic of China on 14 May 2019: Results from multipath multi-frequency oblique radio sounding. Advances in Space Research, 2020, 66, 226-242.	1.2	24
6	Synthesis of Uniformly Excited Concentric Ring Arrays Using the Improved Integer GA. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1124-1127.	2.4	23
7	YOLOX-SAR: High-Precision Object Detection System Based on Visible and Infrared Sensors for SAR Remote Sensing. IEEE Sensors Journal, 2022, 22, 17243-17253.	2.4	19
8	An Effective Approach for the Synthesis of Uniform Amplitude Concentric Ring Arrays. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2558-2561.	2.4	17
9	Three-Dimensional Sine Chaotic System With Multistability and Multi-Scroll Attractor. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1792-1796.	2.2	16
10	Signal classification method based on data mining for multi-mode radar. Journal of Systems Engineering and Electronics, 2016, 27, 1010-1017.	1.1	13
11	Underdetermined Mixing Matrix Estimation Algorithm Based on Single Source Points. Circuits, Systems, and Signal Processing, 2017, 36, 4453-4467.	1.2	13
12	A Time-Frequency Domain Underdetermined Blind Source Separation Algorithm for MIMO Radar Signals. Symmetry, 2017, 9, 104.	1.1	13
13	An Effective Two-Step Approach to the Synthesis of Uniform Amplitude Linear Arrays. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 437-440.	2.4	12
14	Mixing Matrix Estimation of Underdetermined Blind Source Separation Based on Data Field and Improved FCM Clustering. Symmetry, 2018, 10, 21.	1.1	12
15	Effects of the Strong Ionospheric Storm of August 26, 2018: Results of Multipath Radiophysical Monitoring. Geomagnetism and Aeronomy, 2021, 61, 73-91.	0.2	12
16	A Complex-Valued Mixing Matrix Estimation Algorithm for Underdetermined Blind Source Separation. Circuits, Systems, and Signal Processing, 2018, 37, 3206-3226.	1.2	11
17	Parameter Estimation of Multi Frequency Hopping Signals Based on Space-Time-Frequency Distribution. Symmetry, 2019, 11, 648.	1.1	11
18	A Hybrid Strategy Based on Weighting Density and Genetic Algorithm for the Synthesis of Uniformly Weighted Concentric Ring Arrays. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 186-189.	2.4	10

#	Article	IF	Citations
19	Localized Fault Tolerant Algorithm Based on Node Movement Freedom Degree in Flying Ad Hoc Networks. Symmetry, 2019, 11, 106.	1.1	9
20	A Novel Radar Signals Sorting Method-Based Trajectory Features. IEEE Access, 2019, 7, 171235-171245.	2.6	9
21	Method for feature extraction of radar full pulses based on EMD and chaos detection. Journal of Communications and Networks, 2014, 16, 92-97.	1.8	8
22	Optimization of Sparse Concentric Ring Arrays Based on Multiple Constraints. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 781-785.	2.4	7
23	A Convex Relaxation Algorithm for Source Localization Considering Sensor Motion in Wireless Sensor Networks. IEEE Communications Letters, 2021, 25, 1867-1871.	2.5	7
24	Radar signal recognition based on ambiguity function features and cloud model similarity. , 2016, , .		6
25	Denoising of Magnetocardiography Based on Improved Variational Mode Decomposition and Interval Thresholding Method. Symmetry, 2018, 10, 269.	1.1	6
26	Disturbances in the Ionosphere That Accompanied Typhoon Activity in the Vicinity of China in September 2019. Radio Science, 2022, 57, .	0.8	6
27	Multi-mode radar signal sorting by means of spatial data mining. Journal of Communications and Networks, 2016, 18, 725-734.	1.8	5
28	Multiple interferences suppression method based on adaptive signal data regrouping for GNSS receivers. IET Radar, Sonar and Navigation, 2018, 12, 641-648.	0.9	5
29	Modulation Period Resampling Technique Against Multiple PFM Interferers for Single Antenna GNSS Receivers. IEEE Communications Letters, 2020, 24, 2309-2313.	2.5	5
30	Novel underdetermined blind source separation algorithm based on compressed sensing and Kâ€SVD. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3427.	2.6	4
31	Radio Wave Characteristics Distorted During Geospace Storm: Results of Multi-Frequency Multiple Path Oblique Sounding of Ionosphere. , 2021, , .		4
32	Maneuvering Target Tracking with Multiâ€Model Based on the Adaptive Structure. IEEJ Transactions on Electrical and Electronic Engineering, 2022, 17, 865-871.	0.8	4
33	Mixing matrix estimation of MIMO radar based on adaptive hierarchical clustering algorithm for underdetermined blind source separation. , 2017, , .		3
34	Application of Interactive Multiple Model Adaptive Five-Degree Cubature Kalman Algorithm Based on Fuzzy Logic in Target Tracking. Symmetry, 2019, 11, 767.	1.1	3
35	Radar signal sorting based on GRU neural network. , 2021, , .		3
36	Multiple-Parameter De-Interleaving System in ESM Data Processing Scheme. , 2006, , .		2

#	Article	IF	Citations
37	Combining DCQGMP-Based Sparse Decomposition and MPDR Beamformer for Multi-Type Interferences Mitigation for GNSS Receivers. Sensors, 2017, 17, 813.	2.1	2
38	Passive Radar for Oblique-Incidence Ionospheric Sounding: Observations of Ionospheric Storms. , 2020, , .		2
39	Performance evaluation of sensor information fusion system based on cloud theory and fuzzy pattern recognition. , 2020, , .		2
40	A Unitary-UCA-Root-MUSIC Algorithm Based on MSWF. Applied Mechanics and Materials, 0, 610, 339-344.	0.2	1
41	A Sparse Signal Reconstruction Method Based on Improved Double Chains Quantum Genetic Algorithm. Symmetry, 2017, 9, 178.	1.1	1
42	Combining time-frequency analysis and array processing for multi-interferences mitigation in GNSS application. , 2017, , .		1
43	A New Radar Signal Recognition Method Based on Optimal Classification Atom and IDCQGA. Symmetry, 2018, 10, 659.	1.1	1
44	Creating the Information Basis of Spectral Masks for Automated Radiomonitoring. , 2019, , .		1
45	The parameters of the infrasonic waves generated by the Chelyabinsk meteoroid: System Statistic Analysis Results. , 2019, , .		1
46	Oblique-Incidence Ionospheric Radio-Sounding: Seismo-Ionospheric Effects. , 2020, , .		1
47	Cascade Coupling and Support Vector Clustering Based Novel Sorting Method of Radar Pulses. Midwest Symposium on Circuits and Systems, 2006, , .	1.0	0
48	A feature extraction method for the signal sorting of interleaved radar pulse serial. Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities, 2007, 2, 330-333.	0.6	0
49	Application of Bidimensional Empirical Mode Decomposition to Medical Liquid Opacity Detection. Applied Mechanics and Materials, 0, 128-129, 530-533.	0.2	0
50	A New Kind of FRFT Analysis Method for Multi-Component LFM Signals. Advanced Materials Research, 0, 204-210, 973-978.	0.3	0
51	Space-Time-Frequency Adaptive Processor for Multiple Interference Suppression in GNSS Applications. International Journal of Antennas and Propagation, 2018, 2018, 1-9.	0.7	0
52	Application of Deep neural Network in Air Target Threat Assessment. , 2019, , .		0
53	Target Priority Discriminant optimization. , 2019, , .		0
54	Target Priority Estimation Based on Convolutional Neural Networks. , 2019, , .		0

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55	GNSS Signal Use for Sea Waves Monitoring. , 2020, , .		0
56	Monitoring Space Weather with HF Passive Radar for Oblique Sounding of the Ionosphere. , 2021, , .		0
57	Ionospheric Disturbances and Their Impacts on HF Radio Wave Propagation. , 2021, , .		0
58	Dynamic Response Analysis of a Triangular Tension Leg Platform. , 2015, , .		0
59	Methods for multicriterial selection of optimal routes in communication networks. Eastern-European Journal of Enterprise Technologies, 2019, 4, 52-57.	0.3	0