

# Qiang Guo

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42  
papers

217  
citations

9  
h-index

12  
g-index

60  
ext. papers

354  
ext. citations

2.3  
avg. IF

3.61  
L-index

#	Paper	IF	Citations
42	Three-Dimensional Sine Chaotic System With Multistability and Multi-scroll Attractor. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	4
41	A Convex Relaxation Algorithm for Source Localization Considering Sensor Motion in Wireless Sensor Networks. <i>IEEE Communications Letters</i> , <b>2021</b> , 25, 1867-1871	3.8	2
40	Effects of the Strong Ionospheric Storm of August 26, 2018: Results of Multipath Radiophysical Monitoring. <i>Geomagnetism and Aeronomy</i> , <b>2021</b> , 61, 73-91	0.9	3
39	Optimization of Sparse Concentric Ring Arrays Based on Multiple Constraints. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2020</b> , 19, 781-785	3.8	2
38	Modulation Period Resampling Technique Against Multiple PFM Interferers for Single Antenna GNSS Receivers. <i>IEEE Communications Letters</i> , <b>2020</b> , 24, 2309-2313	3.8	2
37	Ionospheric storm effects over the People's Republic of China on 14 May 2019: Results from multipath multi-frequency oblique radio sounding. <i>Advances in Space Research</i> , <b>2020</b> , 66, 226-242	2.4	6
36	Passive Radar for Oblique-Incidence Ionospheric Sounding: Observations of Ionospheric Storms <b>2020</b> ,		1
35	Oblique-Incidence Ionospheric Radio-Sounding: Seismo-Ionospheric Effects <b>2020</b> ,		1
34	LPI Radar Waveform Recognition Based on CNN and TPOT. <i>Symmetry</i> , <b>2019</b> , 11, 725	2.7	10
33	Application of Interactive Multiple Model Adaptive Five-Degree Cubature Kalman Algorithm Based on Fuzzy Logic in Target Tracking. <i>Symmetry</i> , <b>2019</b> , 11, 767	2.7	0
32	Parameter Estimation of Multi Frequency Hopping Signals Based on Space-Time-Frequency Distribution. <i>Symmetry</i> , <b>2019</b> , 11, 648	2.7	7
31	LPI Radar Waveform Recognition Based on Deep Convolutional Neural Network Transfer Learning. <i>Symmetry</i> , <b>2019</b> , 11, 540	2.7	14
30	Localized Fault Tolerant Algorithm Based on Node Movement Freedom Degree in Flying Ad Hoc Networks. <i>Symmetry</i> , <b>2019</b> , 11, 106	2.7	7
29	Methods for multicriterial selection of optimal routes in communication networks. <i>Eastern-European Journal of Enterprise Technologies</i> , <b>2019</b> , 4, 52-57	0.6	
28	Dynamical processes in the ionosphere following the moderate earthquake in Japan on 7 July 2018. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2019</b> , 186, 88-103	2	14
27	A Novel Radar Signals Sorting Method-Based Trajectory Features. <i>IEEE Access</i> , <b>2019</b> , 7, 171235-171245	3.5	3
26	A Complex-Valued Mixing Matrix Estimation Algorithm for Underdetermined Blind Source Separation. <i>Circuits, Systems, and Signal Processing</i> , <b>2018</b> , 37, 3206-3226	2.2	8

25	Novel underdetermined blind source separation algorithm based on compressed sensing and K-SVD. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2018</b> , 29, e3427	1.9	3
24	A New Radar Signal Recognition Method Based on Optimal Classification Atom and IDCQGA. <i>Symmetry</i> , <b>2018</b> , 10, 659	2.7	0
23	Mixing Matrix Estimation of Underdetermined Blind Source Separation Based on Data Field and Improved FCM Clustering. <i>Symmetry</i> , <b>2018</b> , 10, 21	2.7	6
22	Denoising of Magnetocardiography Based on Improved Variational Mode Decomposition and Interval Thresholding Method. <i>Symmetry</i> , <b>2018</b> , 10, 269	2.7	3
21	Multiple interferences suppression method based on adaptive signal data regrouping for GNSS receivers. <i>IET Radar, Sonar and Navigation</i> , <b>2018</b> , 12, 641-648	1.4	4
20	Space-Time-Frequency Adaptive Processor for Multiple Interference Suppression in GNSS Applications. <i>International Journal of Antennas and Propagation</i> , <b>2018</b> , 2018, 1-9	1.2	
19	A Hybrid Strategy Based on Weighting Density and Genetic Algorithm for the Synthesis of Uniformly Weighted Concentric Ring Arrays. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2017</b> , 16, 186-189	3.8	9
18	Underdetermined Mixing Matrix Estimation Algorithm Based on Single Source Points. <i>Circuits, Systems, and Signal Processing</i> , <b>2017</b> , 36, 4453-4467	2.2	9
17	An Effective Approach for the Synthesis of Uniform Amplitude Concentric Ring Arrays. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2017</b> , 16, 2558-2561	3.8	11
16	An Effective Two-Step Approach to the Synthesis of Uniform Amplitude Linear Arrays. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2017</b> , 16, 437-440	3.8	8
15	Mixing matrix estimation of MIMO radar based on adaptive hierarchical clustering algorithm for underdetermined blind source separation <b>2017</b> ,		1
14	Combining DCQGMP-Based Sparse Decomposition and MPDR Beamformer for Multi-Type Interferences Mitigation for GNSS Receivers. <i>Sensors</i> , <b>2017</b> , 17,	3.8	1
13	A Time-Frequency Domain Underdetermined Blind Source Separation Algorithm for MIMO Radar Signals. <i>Symmetry</i> , <b>2017</b> , 9, 104	2.7	10
12	A Sparse Signal Reconstruction Method Based on Improved Double Chains Quantum Genetic Algorithm. <i>Symmetry</i> , <b>2017</b> , 9, 178	2.7	1
11	Multi-mode radar signal sorting by means of spatial data mining. <i>Journal of Communications and Networks</i> , <b>2016</b> , 18, 725-734	4.1	4
10	Radar signal recognition based on ambiguity function features and cloud model similarity <b>2016</b> ,		4
9	Synthesis of Uniformly Excited Concentric Ring Arrays Using the Improved Integer GA. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2016</b> , 15, 1124-1127	3.8	18
8	Signal classification method based on data mining for multi-mode radar. <i>Journal of Systems Engineering and Electronics</i> , <b>2016</b> , 27, 1010-1017	1.3	6

- 7 Recognition of radar emitter signals based on SVD and AF main ridge slice. *Journal of Communications and Networks*, **2015**, 17, 491-498 4.1 27
- 6 Method for feature extraction of radar full pulses based on EMD and chaos detection. *Journal of Communications and Networks*, **2014**, 16, 92-97 4.1 6
- 5 A Unitary-UCA-Root-MUSIC Algorithm Based on MSWF. *Applied Mechanics and Materials*, **2014**, 610, 339-344 4.5 34
- 4 Application of Bidimensional Empirical Mode Decomposition to Medical Liquid Opacity Detection. *Applied Mechanics and Materials*, **2011**, 128-129, 530-533 0.3 33
- 3 A New Kind of FRFT Analysis Method for Multi-Component LFM Signals. *Advanced Materials Research*, **2011**, 204-210, 973-978 0.5 32
- 2 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 0.3 31
- 1 Multiple-Parameter De-Interleaving System in ESM Data Processing Scheme **2006**, 1 1