Yubing Han

List of Publications by Year
in descending order

58 papers	225 citations	1039406 9 h-index	1125271 13 g-index
58 all docs	58 docs citations	58 times ranked	237 citing authors

#	Article	IF	Citations
1	Efficient video denoising based on dynamic nonlocal means. Image and Vision Computing, 2012, 30, 78-85.	2.7	25
2	Array Synthesis Using Weighted Alternating Projection and Proximal Splitting. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1006-1009.	2.4	22
3	Hybrid interference alignment and power allocation for multi-user interference MIMO channels. Science China Information Sciences, 2013, 56, 1-9.	2.7	15
4	Combined Constrained Adaptive Sum and Difference Beamforming in Monopulse Angle Estimation. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 2314-2318.	2.4	14
5	Phase-only pattern synthesis based on gradient-descent optimization. Journal of Systems Engineering and Electronics, 2016, 27, 297-307.	1.1	13
6	A Rao–Blackwellized Particle Filter for Adaptive Beamforming With Strong Interference. IEEE Transactions on Signal Processing, 2012, 60, 2952-2961.	3.2	10
7	Transmit beamforming for DOA estimation based on Cramer–Rao bound optimization in subarray MIMO radar. Signal Processing, 2014, 101, 42-51.	2.1	10
8	Scalable Alternating Projection and Proximal Splitting for Array Pattern Synthesis. International Journal of Antennas and Propagation, 2015, 2015, 1-13.	0.7	10
9	Feature extraction and classification of human motions with LFMCW radar. , 2016, , .		9
10	A Bayesian Approach to Adaptive RAKE Receiver. IEEE Access, 2018, 6, 3648-3654.	2.6	9
11	Image dehaze using alternating Laplacian and Beltrami regularizations. Journal of Electronic Imaging, 2015, 24, 023004.	0.5	8
12	Target recognition of radar HRRP using manifold learning with feature weighting. , 2016, , .		7
13	Robust adaptive monopulse algorithm based on main lobe constraints and subspace tracking. Eurasip Journal on Advances in Signal Processing, 2017, 2017, .	1.0	7
14	Recursive Bayesian beamforming with uncertain projected steering vector and strong interferences. Signal, Image and Video Processing, 2016, 10, 975-982.	1.7	6
15	Adaptive interference nulling with pattern maintaining under mainlobe subspace and quadratic constraints. IET Microwaves, Antennas and Propagation, 2018, 12, 40-48.	0.7	6
16	A robust reduced-rank monopulse algorithm based on variable-loaded MWF with spatial blocking broadening and automatic rank selection. , 2018, 78, 205-217.		6
17	Internal and External Transmission Line Transfer Matrix and Near-Field Radiation of Braided Coaxial Cables. IEEE Transactions on Electromagnetic Compatibility, 2021, 63, 206-214.	1.4	6
18	Design of an L-Band Cross-Dipole Phased Array Feed for FAST. International Journal of Antennas and Propagation, 2016, 2016, 1-12.	0.7	5

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19	Multi‐beam pattern synthesis algorithm based on kernel principal component analysis and semi‐definite relaxation. IET Communications, 2018, 12, 82-95.	1.5	4
20	A recursive Bayesian beamforming for steering vector uncertainties. Eurasip Journal on Advances in Signal Processing, 2013, 2013, .	1.0	3
21	Adaptive angle tracking loop design based on digital phase-locked loop. Signal Processing, 2016, 125, 221-236.	2.1	3
22	Information Fusion of Digital Camera and Radar. , 2019, , .		3
23	A Framework for Time Series Forecasts. , 2008, , .		2
24	Nonlinear time series forecasting with dynamic RBF neural networks. , 2008, , .		2
25	Transmit Waveform Optimization for Spatial-Frequency Diversity MIMO Radar in the Presence of Clutter. International Journal of Antennas and Propagation, 2014, 2014, 1-9.	0.7	2
26	Circuit model and signal integrity analysis for multilayer printed circuit board interconnection. International Journal of RF and Microwave Computer-Aided Engineering, 2014, 24, 478-489.	0.8	2
27	Robust adaptive phase‐only beamforming algorithm for interference suppression. International Journal of Adaptive Control and Signal Processing, 2015, 29, 1152-1164.	2.3	2
28	An improved MFSK waveform for low-cost automotive radar. , 2016, , .		2
29	Diamond‐shaped metasurface low‐profile wideband antenna. Journal of Engineering, 2019, 2019, 6566-6567.	0.6	2
30	A Cable Harness Routing Method Based on the Expected Maximum Crosstalk. IEEE Transactions on Electromagnetic Compatibility, 2022, 64, 856-864.	1.4	2
31	Improved Algorithms for Compressed Sensing Based on the Multi-scale Wavelet Transform. , 2012, , .		1
32	Adaptive Beamforming Based on Compressed Sensing with Smoothed<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:msub><mml:mrow><mml:mi>l</mml:mi></mml:mrow><mml:mrow><mml:mn>0</mml:mn></mml:mrow> International Journal of Antennas and Propagation, 2015, 2015, 1-10.	0.7	1
33	Large planar array analysis based on HFSS unit-cell simulation. , 2016, , .		1
34	Fast implementation of LCMV anti-jamming algorithm for GPS navigation. , 2016, , .		1
35	Multibeam Pattern Synthesis With Adaptive Finite Excitation Amplitude Levels. IEEE Communications Letters, 2016, 20, 482-485.	2.5	1
36	Spatio-Temporal Alignment and Trajectory Matching for Netted Radar Without Prior Spatial Information and Time Delay. IEEE Access, 2020, 8, 126965-126976.	2.6	1

#	ARTICLE	IF	CITATIONS
37	Performance Analysis of Incremental Relaying in Multi-Hop Relay Networks. IEEE Access, 2020, 8, 68747-68761.	2.6	1
38	A jamming identification method based on deep learning for networking radars. , 2021, , .		1
39	Image super-resolution reconstruction based on adaptive interpolation norm regularization. , 2007, , .		0
40	Video dynamic interpolation based on weighted shift interframe motion model. , 2010, , .		0
41	Adaptive monopulse beamforming with partial parallel structure. Journal of Systems Engineering and Electronics, 2012, 23, 802-814.	1.1	0
42	Super Resolution Based on Inter-frame Translation Model. , 2012, , .		0
43	Robust adaptive beamforming based on fast rank-reducing MVB algorithm. , 2014, , .		0
44	Pattern synthesis with constrained excitations for transceiving arrays. IET Microwaves, Antennas and Propagation, 2015, 9, 964-974.	0.7	0
45	CPAFC-based radar seeker velocity tracking loop design. , 2015, , .		0
46	A Patch-Based Non-local Means Denoising Method Using Hierarchical Searching. Communications in Computer and Information Science, 2015, , 72-79.	0.4	0
47	An accurate time-domain algorithm using high-order spatial basis functions for bodies of revolution. Journal of Electromagnetic Waves and Applications, 2015, 29, 574-588.	1.0	0
48	A novel interference suppression focusing transformation for coherent wideband beamforming. , 2016, , .		0
49	Low-complexity space-time processing for wideband beamforming. , 2016, , .		0
50	A robust adaptive beamformer based on low-rank property of steering matrix. , 2016, , .		0
51	A new diamond-shape planar ultra-wideband bandpass filter with super wide stopband. , 2017, , .		0
52	The DOA estimation of moving targets mixed with stationary targets. , 2017, , .		0
53	Shaped‑Beam Pattern Synthesis Through the Construction of Weighted Generalized Rayleigh Quotient. Chinese Journal of Electronics, 2019, 28, 207-214.	0.7	0
54	An Ultra-wideband Notch Frequency-Adjustable Filter With Improved Band Rejection Performance. , 2019, , .		0

#	Article	IF	Citations
55	An Efficient and Robust Algorithm for Improving the Resolution of Video Sequences. Lecture Notes in Computer Science, 2009, , 1054-1062.	1.0	0
56	Monte-Carlo SURE for Image Reconstruction Based on TV Regularization. Information Technology Journal, 2013, 12, 3903-3908.	0.3	0
57	Electromagnetic Scattering Analysis of Complex Target Separation Process Using GPU-Based MLCBFM. , 2019, , .		0
58	Range-Doppler domain spatial alignment for networked radars. Eurasip Journal on Advances in Signal Processing, 2022, 2022, .	1.0	0