

Shu-Wen Xu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Persymmetric Detection of Radar Targets in Nonhomogeneous and Non-Gaussian Sea Clutter. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-9.	6.3	17
2	GLRT-Based Coherent Detection in Sub-Gaussian Symmetric Alpha-Stable Clutter. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	4
3	Optimum and Near-Optimum Coherent CFAR Detection of Radar Targets in Compound-Gaussian Clutter With Generalized Inverse Gaussian Texture. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 1692-1706.	4.7	10
4	Adaptive Detection of Radar Targets in Heavy-Tailed Sea Clutter With Lognormal Texture. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	9
5	A Distributed Algorithm for Reconstructing Time-Varying Graph Signals. Circuits, Systems, and Signal Processing, 2022, 41, 3624-3641.	2.0	2
6	Bayesian Detection for Radar Targets in Compound-Gaussian Sea Clutter. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	4
7	Floating small target detection based on the dual-polarization cross-time-frequency distribution in sea clutter. , 2022, , 103625.		1
8	Sea-Surface Floating Small Target Detection by Multifeature Detector Based on Isolation Forest. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 704-715.	4.9	25
9	External Calibration of P-Band Island-Based Sea Clutter Measurement Radar on the Sea Surface. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 5711-5720.	6.3	5
10	Theory and Design of Joint Time-Vertex Nonsampled Filter Banks. IEEE Transactions on Signal Processing, 2021, 69, 1968-1982.	5.3	15
11	GIS-Based Forest Fire Risk Model: A Case Study in Laoshan National Forest Park, Nanjing. Remote Sensing, 2021, 13, 3704.	4.0	24
12	Sea-Land Clutter Classification Based on Graph Spectrum Features. Remote Sensing, 2021, 13, 4588.	4.0	2
13	Sea Surface Floating Target Detection Based on Local-distance Measurement. , 2021, , .		2
14	Small Target Detection Method in Sea Clutter Based on Interframe Multi-feature Iteration. , 2021, , .		4
15	Near-optimum coherent CFAR detection of radar targets in compound-Gaussian clutter with inverse Gaussian texture. Signal Processing, 2020, 166, 107236.	3.7	19
16	A Novel Method for Sea-Land Clutter Separation Using Regularized Randomized and Kernel Ridge Neural Networks. Sensors, 2020, 20, 6491.	3.8	3
17	HRRP Clutter Rejection Via One-Class Classifier With Hausdorff Distance. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 2517-2526.	4.7	6
18	CFAR Strategy Formulation and Evaluation Based on Fox's H-function in Positive Alpha-Stable Sea Clutter. Remote Sensing, 2020, 12, 1273.	4.0	9

#	ARTICLE	IF	CITATIONS
19	Change detection in SAR images based on iterative Otsu. <i>European Journal of Remote Sensing</i> , 2020, 53, 331-339.	3.5	7
20	Knowledge-based target detection in compound Gaussian clutter with inverse Gaussian texture. , 2019, 95, 102590.		9
21	Persymmetric Rao test for MIMO radar in Gaussian disturbance. <i>Signal Processing</i> , 2019, 165, 30-36.	3.7	10
22	Improved track-before-detect method for detecting range-spread targets in generalized Pareto clutter. <i>Science China Information Sciences</i> , 2019, 62, 1.	4.3	1
23	Outlier-robust parameters estimation for compound-Gaussian Clutter using inverse gamma texture based on truncated moments. <i>Remote Sensing Letters</i> , 2019, 10, 274-282.	1.4	9
24	Distributed Target Detection Exploiting Persymmetry in Gaussian Clutter. <i>IEEE Transactions on Signal Processing</i> , 2019, 67, 1022-1033.	5.3	33
25	Model for Non-Gaussian Sea Clutter Amplitudes Using Generalized Inverse Gaussian Texture. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2019, 16, 892-896.	3.1	22
26	Visual Attention-Based Target Detection and Discrimination for High-Resolution SAR Images in Complex Scenes. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 1855-1872.	6.3	41
27	Calibration measurement of shore-based radar with active reflector. , 2018, , .		2
28	Radar Detection and Motion Parameters Estimation of Maneuvering Target Based on the Extended Keystone Transform (July 2018). <i>IEEE Access</i> , 2018, 6, 76060-76074.	4.2	15
29	Sea-Surface Floating Small Target Detection Based on Polarization Features. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2018, , 1-5.	3.1	40
30	Adaptive subspace detection of range-spread target in compound Gaussian clutter with inverse Gaussian texture. , 2018, 81, 79-89.		13
31	Combined Adaptive Normalized Matched Filter Detection of Moving Target in Sea Clutter. <i>Circuits, Systems, and Signal Processing</i> , 2017, 36, 2360-2383.	2.0	8
32	Maneuvering range-spread target detection in white Gaussian noise using multiple-pulse combined waveform contrast. , 2017, , .		2
33	Persymmetric adaptive detection for range-spread targets in generalized Pareto sea clutter. , 2017, , .		1
34	Subband adaptive coherent detection of weak moving targets in K-distributed sea clutter. , 2016, , .		1
35	Adaptive sparse range-spread target detection in homogeneous generalized Pareto clutter. , 2016, , .		0
36	Shape-parameter-dependent coherent radar target detection in K-distributed clutter. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2016, 52, 451-465.	4.7	57

#	ARTICLE	IF	CITATIONS
37	Adaptive detection of range-spread targets in compound Gaussian clutter with the square root of inverse Gaussian texture. , 2016, 56, 132-139.		20
38	Non-coherent detection of radar target in heavy-tailed sea clutter using bi-window non-linear shrinkage map. IET Signal Processing, 2016, 10, 1031-1039.	1.5	4
39	Adaptive range-spread maneuvering target detection in compound-Gaussian clutter. , 2015, 36, 46-56.		31
40	Range-spread target detection using 2D non-local nonlinear shrinkage map. Signal Processing, 2014, 98, 337-343.	3.7	7
41	Tri-feature-based detection of floating small targets in sea clutter. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 1416-1430.	4.7	103
42	Range-Spread Target Detection using Consecutive HRRPs. IEEE Transactions on Aerospace and Electronic Systems, 2011, 47, 647-665.	4.7	33
43	Double-characters detection of nonlinear frequency modulated signals based on FRFT. Science China Information Sciences, 2011, 54, 136-145.	4.3	3