

Xingyu Lu

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

189
citations

1163117

8
h-index

1125743

13
g-index

28
all docs

28
docs citations

28
times ranked

155
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient narrowband interference suppression method for synthetic aperture radar-based on variational mode decomposition. <i>Journal of Applied Remote Sensing</i> , 2017, 11, 1.	1.3	42
2	Radio Frequency Interference Suppression for SAR via Block Sparse Bayesian Learning. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 4835-4847.	4.9	25
3	Enhanced LRR-Based RFI Suppression for SAR Imaging Using the Common Sparsity of Range Profiles for Accurate Signal Recovery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 1302-1318.	6.3	17
4	Wideband interference mitigation algorithm for SAR based on time-varying filtering and sparse recovery. <i>Electronics Letters</i> , 2018, 54, 165-167.	1.0	12
5	Weak maneuvering target detection in random pulse repetition interval radar. <i>Signal Processing</i> , 2020, 171, 107520.	3.7	12
6	An Efficient Method for Single-Channel SAR Target Reconstruction Under Severe Deceptive Jamming. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2020, 17, 237-241.	3.1	11
7	OFDM waveforms designed with piecewise nonlinear frequency modulation pulse for MIMO radar. <i>International Journal of Remote Sensing</i> , 2018, 39, 8746-8765.	2.9	9
8	Co-Located MIMO Radar Target Detection in Cluttered and Noisy Environment Based on 2D Block Sparse Recovery. <i>IEEE Transactions on Signal Processing</i> , 2021, 69, 3431-3445.	5.3	9
9	Compressive Sensing SAR Imaging Algorithm for LFM CW Systems. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 8486-8500.	6.3	8
10	A Novel Bayesian Super-Resolution Method for Radar Forward-Looking Imaging Based on Markov Random Field Model. <i>Remote Sensing</i> , 2021, 13, 4115.	4.0	7
11	Automatic RFI Identification for Sentinel-1 Based on Siamese-Type Deep CNN Using Repeat-Pass Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-16.	6.3	7
12	Suppression of sidelobes in MIMO radar with distinctive piecewise non-linear frequency modulation sub-carrier. <i>International Journal of Remote Sensing</i> , 2020, 41, 353-372.	2.9	5
13	Noise radar range doppler imaging via 2D generalized smoothed- μ . <i>Electronics Letters</i> , 2021, 57, 448-450.	1.0	4
14	A novel imaging method for random stepped frequency SAR with low SNR. <i>Remote Sensing Letters</i> , 2017, 8, 1190-1199.	1.4	3
15	Waveform diversity design for an MIMO SAR system based on an OFDM chirp. <i>Journal of Engineering</i> , 2019, 2019, 5626-5628.	1.1	3
16	Non-continuous piecewise nonlinear frequency modulation pulse with variable sub-pulse duration in a MIMO SAR radar system. <i>Remote Sensing Letters</i> , 2020, 11, 283-292.	1.4	3
17	Accurate SAR Image Recovery From RFI Contaminated Raw Data by Using Image Domain Mixed Regularizations. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-13.	6.3	3
18	Coherent integration algorithm for random pulse repetition interval radar based on iterative adaptive approach. <i>Electronics Letters</i> , 2020, 56, 1208-1210.	1.0	2

#	ARTICLE	IF	CITATIONS
19	Range-Doppler Imaging for Noise Radar via 2D Generalized Orthogonal Matching Pursuit. , 2021, , .		1
20	Coherent integration and detection algorithm for hypersonic target based on modified pulse compression and Keystone transform. Electronics Letters, 2021, 57, 989-991.	1.0	1
21	Multistatic inverse synthetic aperture radar imaging based on parametric block-sparse reconstruction. Journal of Applied Remote Sensing, 2020, 14, 1.	1.3	1
22	Pulse Compression for Moving Target Echo in the First-order Approximate Model. , 2021, , .		1
23	Range-Doppler image reconstruction for collocated MIMO noise radar by sparse recovery. Remote Sensing Letters, 2022, 13, 279-289.	1.4	1
24	Accurate modeling and coherent integration method for weak maneuvering target with oblique movement. Journal of Applied Remote Sensing, 2022, 16, .	1.3	1
25	A joint clutter suppression method based on robust principal component analysis and total variation denoising. Electronics Letters, 2022, 58, 213-215.	1.0	1
26	Range-ambiguity suppression for noise radar in cluttered environment via sparse recovery. Electronics Letters, 2021, 57, 894.	1.0	0
27	End-to-End Supervised Zero-Shot Learning with Meta-Learning Strategy. , 2021, , .		0
28	Poisson multi-Bernoulli mixture filters with coloured measurement noise. IET Radar, Sonar and Navigation, 0, , .	1.8	0