

Bin Xu

List of Publications by Year in descending order

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14
papers

352
citations

1040056

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1199594

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14
times ranked

415
citing authors

#	ARTICLE	IF	CITATIONS
1	A Patch-to-Pixel Convolutional Neural Network for Small Ship Detection With PolSAR Images. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6623-6638.	6.3	54
2	Ship Detection in Polarimetric SAR Images via Variational Bayesian Inference. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 2819-2829.	4.9	27
3	SAR Target Recognition via Supervised Discriminative Dictionary Learning and Sparse Representation of the SAR-HOG Feature. Remote Sensing, 2016, 8, 683.	4.0	79
4	Polarimetric Inverse Scattering via Incremental Sparse Bayesian Multitask Learning. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 691-695.	3.1	1
5	Polarimetric SAR Image Filtering Based on Patch Ordering and Simultaneous Sparse Coding. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 4079-4093.	6.3	16
6	Ship detection in polarimetric Sar images using targets' sparse property. , 2016, , .		3
7	An Improved Attributed Scattering Model Optimized by Incremental Sparse Bayesian Learning. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 2973-2987.	6.3	27
8	Ship Detection in SAR Imagery via Variational Bayesian Inference. IEEE Geoscience and Remote Sensing Letters, 2016, , 1-5.	3.1	26
9	A Steady-State Kalman Predictor-Based Filtering Strategy for Non-Overlapping Sub-Band Spectral Estimation. Sensors, 2015, 15, 110-134.	3.8	3
10	Feature extraction by optimizing attributed scattering model toward sparsity. , 2015, , .		0
11	Multi-Frequency Polarimetric SAR Classification Based on Riemannian Manifold and Simultaneous Sparse Representation. Remote Sensing, 2015, 7, 8469-8488.	4.0	21
12	Patch Ordering-Based SAR Image Despeckling Via Transform-Domain Filtering. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 1682-1695.	4.9	63
13	An Iterative SAR Image Filtering Method Using Nonlocal Sparse Model. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1635-1639.	3.1	29
14	Unsupervised Speckle Level Estimation of SAR Images Using Texture Analysis and AR Model. IEICE Transactions on Communications, 2014, E97.B, 691-698.	0.7	3