Bin Wang

List of Publications by Year
in descending order

33 papers	638 citations	623699 14 h-index	580810 25 g-index
33 all docs	33 docs citations	33 times ranked	529 citing authors

#	Article	IF	Citations
1	Densely Semantic Enhancement for Domain Adaptive Region-Free Detectors. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1339-1352.	8.3	15
2	Kernel-Based Nonlinear Anomaly Detection via Union Dictionary for Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	6
3	Reweighted Kernel-Based Nonlinear Hyperspectral Unmixing With Regional â„“â‚•Norm Regularization. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	8
4	Curriculum-Style Local-to-Global Adaptation for Cross-Domain Remote Sensing Image Segmentation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	15
5	Nonlinear Unmixing for Hyperspectral Images via Kernel-Transformed Bilinear Mixing Models. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	6
6	Sample-Centric Feature Generation for Semi-Supervised Few-Shot Learning. IEEE Transactions on Image Processing, 2022, 31, 2309-2320.	9.8	11
7	Semisupervised Classification for Hyperspectral Images Using Graph Attention Networks. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 157-161.	3.1	43
8	Total Variation and Sparsity Regularized Decomposition Model With Union Dictionary for Hyperspectral Anomaly Detection. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 1472-1486.	6.3	35
9	Nonlinear Anomaly Detection Based on Spectralâ€“Spatial Composite Kernel for Hyperspectral Images. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1269-1273.	3.1	11
10	Scale-Aware Anchor-Free Object Detection via Curriculum Learning for Remote Sensing Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 9946-9958.	4.9	5
11	Decomposition Model With Background Dictionary Learning for Hyperspectral Target Detection. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 1872-1884.	4.9	18
12	Domain adaptive detection system for concealed objects using millimeter wave images. Neural Computing and Applications, 2021, 33, 11573-11588.	5.6	13
13	Coarse-to-Fine Joint Distribution Alignment for Cross-Domain Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 12415-12428.	4.9	8
14	Graph and Total Variation Regularized Low-Rank Representation for Hyperspectral Anomaly Detection. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 391-406.	6.3	107
15	Nonlinear Endmember Identification for Hyperspectral Imagery via Hyperpath-Based Simplex Growing and Fuzzy Assessment. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 351-366.	4.9	6
16	Hyperspectral Target Detection Based on Tensor Sparse Representation. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1605-1609.	3.1	7
17	Semisupervised Scene Classification for Remote Sensing Images: A Method Based on Convolutional Neural Networks and Ensemble Learning. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 869-873.	3.1	33
18	Nonlinear Hyperspectral Unmixing Based on Geometric Characteristics of Bilinear Mixture Models. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 694-714.	6.3	33

#	Article	IF	Citations
19	A Preprocessing Method for Hyperspectral Target Detection Based on Tensor Principal Component Analysis. Remote Sensing, 2018, 10, 1033.	4.0	23
20	Band-Wise Nonlinear Unmixing for Hyperspectral Imagery Using an Extended Multilinear Mixing Model. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 6747-6762.	6.3	28
21	Unsupervised Nonlinear Hyperspectral Unmixing Based on Bilinear Mixture Models via Geometric Projection and Constrained Nonnegative Matrix Factorization. Remote Sensing, 2018, 10, 801.	4.0	14
22	Extracting Target Spectrum for Hyperspectral Target Detection: An Adaptive Weighted Learning Method Using a Self-Completed Background Dictionary. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 1604-1617.	6.3	26
23	Embedding Learning on Spectralâ€“Spatial Graph for Semisupervised Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1805-1809.	3.1	12
24	Scanpath estimation based on foveated image saliency. Cognitive Processing, 2017, 18, 87-95.	1.4	12
25	Spectral-spatial classification for hyperspectral imagery: a novel combination method based on affinity scoring. Science China Information Sciences, 2016, 59, 1.	4.3	0
26	Saliency computation via whitened frequency band selection. Cognitive Neurodynamics, 2016, 10, 255-267.	4.0	3
27	Airport detection in remote sensing images: a method based on saliency map. Cognitive Neurodynamics, 2013, 7, 143-154.	4.0	44
28	An approach for visual attention based on biquaternion and its application for ship detection in multispectral imagery. Neurocomputing, 2012, 76, 9-17.	5.9	30
29	Bottomâ€“up attention: pulsed PCA transform and pulsed cosine transform. Cognitive Neurodynamics, 2011, 5, 321-332.	4.0	14
30	Hebbian-based neural networks for bottom-up visual attention and its applications to ship detection in SAR images. Neurocomputing, 2011, 74, 2008-2017.	5.9	35
31	An approach based on self-organizing map and fuzzy membership for decomposition of mixed pixels in hyperspectral imagery. Pattern Recognition Letters, 2010, 31, 1388-1395.	4.2	7
32	A new approach based on orthogonal bases of data space to decomposition of mixed pixels for hyperspectral imagery. Science in China Series F: Information Sciences, 2009, 52, 843-857.	1.1	2
33	Remote sensing image fusion based on Bayesian linear estimation. Science in China Series F: Information Sciences, 2007, 50, 227-240.	1.1	8