Guoyun Zhang

List of Publications by Year
in descending order

34 papers	504 citations	759233 12 h-index	677142 22 g-index
34 all docs	34 docs citations	34 times ranked	489 citing authors

#	Article	IF	Citations
1	Ensemble Entropy Metric for Hyperspectral Anomaly Detection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	7
2	A scene segmentation algorithm combining the body and the edge of the object. Information Processing and Management, 2022, 59, 102840.	8.6	2
3	A CNN Framework With Slow-Fast Band Selection and Feature Fusion Grouping for Hyperspectral Image Change Detection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	30
4	Spectral–Spatial Hyperspectral Classification via Structural-Kernel Collaborative Representation. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 861-865.	3.1	41
5	Feature Extraction via Joint Adaptive Structure Density for Hyperspectral Imagery Classification. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-16.	4.7	18
6	Compact Band Weighting Module Based on Attention-Driven for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 9540-9552.	6.3	26
7	A spectral-spatial attention aggregation network for hyperspectral imagery classification. International Journal of Remote Sensing, 2021, 42, 7551-7580.	2.9	4
8	Detection of moving objects using adaptive multi-feature histograms. Journal of Visual Communication and Image Representation, 2021, 80, 103278.	2.8	2
9	Density Peak Covariance Matrix for Feature Extraction of Hyperspectral Image. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 534-538.	3.1	7
10	Dual-Stage Construction of Probability for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 889-893.	3.1	0
11	Hyperspectral Image Target Detection via Weighted Joint K-Nearest Neighbor and Multitask Learning Sparse Representation. IEEE Access, 2020, 8, 11503-11511.	4.2	16
12	Robust Learning of Mislabeled Training Samples for Remote Sensing Image Scene Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 5623-5639.	4.9	9
13	Hyperspectral Anomaly Detection Via Dual Collaborative Representation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 4881-4894.	4.9	17
14	Dual unsupervised features fusion for hyperspectral image classification. International Journal of Remote Sensing, 2020, 41, 6135-6156.	2.9	3
15	Study of multiple moving targets' detection in fisheye video based on the moving blob model. Multimedia Tools and Applications, 2019, 78, 877-896.	3.9	8
16	Spatiotemporal local compact binary pattern for background subtraction in complex scenes. Multimedia Tools and Applications, 2019, 78, 31415-31439.	3.9	2
17	Texture Pattern Separation for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 3602-3614.	4.9	6
18	Hyperspectral image classification using spectral mixing metrics representation. Remote Sensing Letters, 2019, 10, 391-400.	1.4	3

#	Article	IF	Citations
19	Hyperspectral Anomaly Detection via Spatial Density Background Purification. Remote Sensing, 2019, 11, 2618.	4.0	25
20	Density Peak-Based Noisy Label Detection for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1573-1584.	6.3	59
21	Hyperspectral Image Classification via Fusing Correlation Coefficient and Joint Sparse Representation. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 340-344.	3.1	82
22	Sub-Pixel Level Defect Detection Based on Notch Filter and Image Registration. International Journal of Pattern Recognition and Artificial Intelligence, 2018, 32, 1854016.	1.2	7
23	Spectral–Spatial Hyperspectral Image Classification via Non-local Means Filtering Feature Extraction. Sensing and Imaging, 2018, 19, 1.	1.5	14
24	KNN-Based Representation of Superpixels for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 4032-4047.	4.9	57
25	Local Compact Binary Patterns for Background Subtraction in Complex Scenes. , 2018, , .		3
26	Research of image inpainting algorithm based on image segmentation. Journal of Computational Methods in Sciences and Engineering, 2018, 18, 637-644.	0.2	2
27	Hyperspectral Image Classification via Weighted Joint Nearest Neighbor and Sparse Representation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 4063-4075.	4.9	38
28	Adaptive total variation-based spectral-spatial feature extraction of hyperspectral image. Journal of Visual Communication and Image Representation, 2018, 56, 150-159.	2.8	10
29	Temporal–Spatial Symmetric Distributed Multi-View Video Coding Scheme. International Journal of Pattern Recognition and Artificial Intelligence, 2017, 31, 1755011.	1.2	1
30	Improved Adaptive Transform for Residue in H.264/AVC Lossless Video Coding. Automatika, 2016, 57, 1045-1055.	2.0	2
31	Research of Face Detection Based on Davinci Platform. , 2012, , .		0
32	Study of FPGA technology applied for stepping motor subdivision drive. , 2011, , .		1
33	Study of face detection technology based on Davinci platform. , 2011, , .		0
34	Log-domain implementation of analog wavelet filters. , 2010, , .		2