Shuhan Chen

List of Publications by Year
in descending order

23 papers	270 citations	1040056 9 h-index	940533 16 g-index
23 all docs	23 docs citations	23 times ranked	241 citing authors

#	Article	IF	Citations
1	Medium-low resolution multisource remote sensing image registration based on SIFT and robust regional mutual information. International Journal of Remote Sensing, 2018, 39, 3215-3242.	2.9	43
2	Orthogonal Subspace Projection-Based Go-Decomposition Approach to Finding Low-Rank and Sparsity Matrices for Hyperspectral Anomaly Detection. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 2403-2429.	6.3	42
3	Iterative Scale-Invariant Feature Transform for Remote Sensing Image Registration. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 3244-3265.	6.3	28
4	Class Feature Weighted Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 4728-4745.	4.9	27
5	Self-Mutual Information-Based Band Selection for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 5979-5997.	6.3	25
6	A Novel Coarse-to-Fine Scheme for Remote Sensing Image Registration Based on SIFT and Phase Correlation. Remote Sensing, 2019, 11, 1833.	4.0	21
7	Iterative Random Training Sampling Spectral Spatial Classification for Hyperspectral Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 3986-4007.	4.9	13
8	Component Decomposition Analysis for Hyperspectral Anomaly Detection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-22.	6.3	13
9	Fusion of Spectral–Spatial Classifiers for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 5008-5027.	6.3	12
10	A High Precision Feature Matching Method Based on Geometrical Outlier Removal for Remote Sensing Image Registration. IEEE Access, 2019, 7, 180027-180038.	4.2	7
11	Subpixel Mapping Method of Hyperspectral Images Based on Modified Binary Quantum Particle Swarm Optimization. Journal of Electrical and Computer Engineering, 2017, 2017, 1-17.	0.9	6
12	Hyperspectral unmixing with scaled and perturbed linear mixing model to address spectral variability. Journal of Applied Remote Sensing, 2020, 14, 1.	1.3	6
13	Fusion of Low-Quality Visible and Infrared Images Based on Multi-Level Latent Low-Rank Representation Joint With Retinex Enhancement and Multi-Visual Weight Information. IEEE Access, 2022, 10, 2140-2153.	4.2	6
14	Multi-source remote sensing image registration based on sift and optimization of local self-similarity mutual information. , 2016, , .		3
15	Optical Remote Sensing Image Registration Using Spatial-Consistency and Average Regional Information Divergence Minimization via Quantum-Behaved Particle Swarm Optimization. Remote Sensing, 2020, 12, 3066.	4.0	3
16	Exploring the Intrinsic Probability Distribution for Hyperspectral Anomaly Detection. Remote Sensing, 2022, 14, 441.	4.0	3
17	Normalizing Flow-Based Probability Distribution Representation Detector for Hyperspectral Anomaly Detection. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 4885-4896.	4.9	3
18	Research on Image Registration Algorithm and Its Application in Photovoltaic Images. IEEE Journal of Photovoltaics, 2020, 10, 595-606.	2.5	2

#	Article	IF	Citations
19	Photovoltaic Image Registration Based on Feature Matching via Guided Spatial Consensus. IEEE Journal of Photovoltaics, 2021, 11, 1118-1125.	2.5	2
20	An Accurate Registration Method Based on Global Mixed Structure Similarity (GMSIM) for Remote Sensing Images. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	2
21	An accurate and robust registration framework based on outlier removal and feature point adjustment for remote sensing images. International Journal of Remote Sensing, 2021, 42, 8979-9002.	2.9	2
22	Multiple Infrared Small Targets Detection Based on Hierarchical Maximal Entropy Random Walk. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	1
23	A novel local pettern based self-similarity descriptor for multisource remote sensing image registration. , 2017, , .		0