Wei Song

List of Publications by Year
in descending order

24 papers	706 citations	1040056 9 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	461 citing authors

#	Article	IF	Citations
1	An Experimental-Based Review of Image Enhancement and Image Restoration Methods for Underwater Imaging. IEEE Access, 2019, 7, 140233-140251.	4.2	151
2	Enhancement of Underwater Images With Statistical Model of Background Light and Optimization of Transmission Map. IEEE Transactions on Broadcasting, 2020, 66, 153-169.	3.2	142
3	A systematic review on affective computing: emotion models, databases, and recent advances. Information Fusion, 2022, 83-84, 19-52.	19.1	124
4	Lightweight Underwater Object Detection Based on YOLO v4 and Multi-Scale Attentional Feature Fusion. Remote Sensing, 2021, 13, 4706.	4.0	72
5	Deep learning with multi-scale feature fusion in remote sensing for automatic oceanic eddy detection. Information Fusion, 2019, 49, 89-99.	19.1	71
6	Accuracy assessment model for classification result of remote sensing image based on spatial sampling. Journal of Applied Remote Sensing, 2017, 11, 1.	1.3	22
7	Automatic Sea-Ice Classification of SAR Images Based on Spatial and Temporal Features Learning. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 9887-9901.	6.3	19
8	Improved Particle Swarm Optimization for Sea Surface Temperature Prediction. Energies, 2020, 13, 1369.	3.1	12
9	Spectral-Spatial Offset Graph Convolutional Networks for Hyperspectral Image Classification. Remote Sensing, 2021, 13, 4342.	4.0	12
10	Recent Advances in the Processing and Rendering Algorithms for Computer-Generated Holography. Electronics (Switzerland), 2019, 8, 556.	3.1	11
11	Ocean Eddy Recognition in SAR Images With Adaptive Weighted Feature Fusion. IEEE Access, 2019, 7, 152023-152033.	4.2	9
12	Embedded Data Imputation for Environmental Intelligent Sensing: A Case Study. Sensors, 2021, 21, 7774.	3.8	9
13	A Residual Convolution Neural Network for Sea Ice Classification with Sentinel-1 SAR Imagery. , 2018, , .		8
14	Efficient Retrieval of Massive Ocean Remote Sensing Images via a Cloud-Based Mean-Shift Algorithm. Sensors, 2017, 17, 1693.	3.8	7
15	An AI Approach to Collecting and Analyzing Human Interactions With Urban Environments. IEEE Access, 2019, 7, 141476-141486.	4.2	5
16	Bi-gradient Verification for Grad-CAM Towards Accurate Visual Explanation for Remote Sensing Images. , 2019, , .		5
17	SI-STSAR-7: A Large SAR Images Dataset with Spatial and Temporal Information for Classification of Winter Sea Ice in Hudson Bay. Remote Sensing, 2022, 14, 168.	4.0	5
18	Detecting the Risk of Customer Churn in Telecom Sector: A Comparative Study. Mathematical Problems in Engineering, 2022, 2022, 1-16.	1.1	5

#	Article	IF	Citations
19	A Rational Function Model Based Geo-Positioning Method for Satellite Images without Using Ground Control Points. Remote Sensing, 2018, 10, 182.	4.0	4
20	A Multi-Objective Partition Method for Marine Sensor Networks Based on Degree of Event Correlation. Sensors, 2017, 17, 2168.	3.8	3
21	Dimensionality reduction method for hyperspectral image analysis based on rough set theory. European Journal of Remote Sensing, 2020, 53, 192-200.	3.5	3
22	Regularized lattice Boltzmann method parallel model on heterogeneous platforms. Concurrency Computation Practice and Experience, 2022, 34, .	2.2	3
23	A Multi-Level Non-Uniform Spatial Sampling Method for Accuracy Assessment of Remote Sensing Image Classification Results. Applied Sciences (Switzerland), 2020, 10, 5568.	2.5	2
24	Median-Pooling Grad-CAM: An Efficient Inference Level Visual Explanation for CNN Networks in Remote Sensing Image Classification. Lecture Notes in Computer Science, 2021, , 134-146.	1.3	2