Xin Shen

List of Publications by Year
in descending order

25 papers	590 citations	933264 10 h-index	794469 19 g-index
25 all docs	25 docs citations	25 times ranked	727 citing authors

#	Article	IF	Citations
1	Ensemble of differential evolution variants. Information Sciences, 2018, 423, 172-186.	4.0	302
2	Initial Assessment of the LEO Based Navigation Signal Augmentation System from Luojia-1A Satellite. Sensors, 2018, 18, 3919.	2.1	57
3	Earth observation brain (EOB): an intelligent earth observation system. Geo-Spatial Information Science, 2017, 20, 134-140.	2.4	38
4	On-Orbit Relative Radiometric Calibration of the Night-Time Sensor of the LuoJia1-01 Satellite. Sensors, 2018, 18, 4225.	2.1	36
5	Building Extraction from Airborne Multi-Spectral LiDAR Point Clouds Based on Graph Geometric Moments Convolutional Neural Networks. Remote Sensing, 2020, 12, 3186.	1.8	26
6	Real-time workflows oriented online scheduling in uncertain cloud environment. Journal of Supercomputing, 2017, 73, 4906-4922.	2.4	19
7	A Multi-Objective Modeling Method of Multi-Satellite Imaging Task Planning for Large Regional Mapping. Remote Sensing, 2020, 12, 344.	1.8	17
8	Space-based information service in Internet Plus Era. Science China Information Sciences, 2017, 60, 1.	2.7	15
9	AGFP-Net: Attentive geometric feature pyramid network for land cover classification using airborne multispectral LiDAR data. International Journal of Applied Earth Observation and Geoinformation, 2022, 108, 102723.	1.4	11
10	Connected Geomatics in the big data era. International Journal of Digital Earth, 2018, 11, 139-153.	1.6	10
11	A Self-Adapted Across Neighborhood Search Algorithm With Variable Reduction Strategy for Solving Non-Convex Static and Dynamic Economic Dispatch Problems. IEEE Access, 2018, 6, 41314-41324.	2.6	10
12	GGM-Net: Graph Geometric Moments Convolution Neural Network for Point Cloud Shape Classification. IEEE Access, 2020, 8, 124989-124998.	2.6	9
13	Statistical Model and Estimation of Inland Riverine Turbidity with Landsat 8 OLI Images: A Case Study. Environmental Engineering Science, 2018, 35, 132-140.	0.8	7
14	An Improved On-Orbit Relative Radiometric Calibration Method for Agile High-Resolution Optical Remote-Sensing Satellites With Sensor Geometric Distortion. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	6
15	Monitoring Multiple Cropping Index of Henan Province, China Based on MODIS-EVI Time Series Data and Savitzky-Golay Filtering Algorithm. CMES - Computer Modeling in Engineering and Sciences, 2019, 119, 331-348.	0.8	6
16	Geospatial information service based on digital measurable image. Geo-Spatial Information Science, 2010, 13, 79-84.	2.4	5
17	A Mission Planning Modeling Method of Multipoint Target Imaging Within a Single Pass for Super-Agile Earth Observation Satellite. IEEE Systems Journal, 2022, 16, 1921-1932.	2.9	5
18	A Maneuvered GEO Satellite Orbit Determination Using Robustly Adaptive Kalman Filter. , 2010, , .		4

#	Article	IF	Citations
19	Integrated Imaging Mission Planning Modeling Method for Multi-Type Targets for Super-Agile Earth Observation Satellite. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 4156-4169.	2.3	3
20	Luojia-1 Nightlight Image Registration Based on Sparse Lights. Remote Sensing, 2022, 14, 2372.	1.8	2
21	Building shadow detection in quickbird imagery using normalized multi-spectral data based on object-based classification. , 2005, , .		1
22	A method for predicting the satellite imagery of Sichuan disaster area. , 2008, , .		1
23	Measurement for the capability of EOS data acquirement based on the sensor geometric model. Proceedings of SPIE, 2008, , .	0.8	0
24	A mission-oriented orbit design method of remote sensing satellite for region monitoring mission based on evolutionary algorithm. , 2015, , .		0
25	A Multi-Satellite Regional Imaging Mission Planning Method Based on Moom for Emergency Surveying and Mapping. , 2019, , .		0