

Mohammad Shawkat Hossain

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

812
citations

516215

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38
all docs

38
docs citations

38
times ranked

781
citing authors

#	ARTICLE	IF	CITATIONS
1	The application of remote sensing to seagrass ecosystems: an overview and future research prospects. <i>International Journal of Remote Sensing</i> , 2015, 36, 61-114.	1.3	158
2	Landsat-8, Advanced Spaceborne Thermal Emission and Reflection Radiometer, and WorldView-3 Multispectral Satellite Imagery for Prospecting Copper-Gold Mineralization in the Northeastern Inglefield Mobile Belt (IMB), Northwest Greenland. <i>Remote Sensing</i> , 2019, 11, 2430.	1.8	72
3	Quantification of blue carbon in seagrass ecosystems of Southeast Asia and their potential for climate change mitigation. <i>Science of the Total Environment</i> , 2021, 783, 146858.	3.9	67
4	Mapping Listvenite Occurrences in the Damage Zones of Northern Victoria Land, Antarctica Using ASTER Satellite Remote Sensing Data. <i>Remote Sensing</i> , 2019, 11, 1408.	1.8	60
5	Application of Landsat images to seagrass areal cover change analysis for Lawas, Terengganu and Kelantan of Malaysia. <i>Continental Shelf Research</i> , 2015, 110, 124-148.	0.9	50
6	Assessment of the impact of coastal reclamation activities on seagrass meadows in Sungai Pulai estuary, Malaysia, using Landsat data (1994-2017). <i>International Journal of Remote Sensing</i> , 2019, 40, 3571-3605.	1.3	42
7	ASTER and WorldView-3 satellite data for mapping lithology and alteration minerals associated with Pb-Zn mineralization. <i>Geocarto International</i> , 2022, 37, 1782-1812.	1.7	36
8	Potential of Earth Observation (EO) technologies for seagrass ecosystem service assessments. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 77, 15-29.	1.4	34
9	Marine and human habitat mapping for the Coral Triangle Initiative region of Sabah using Landsat and Google Earth imagery. <i>Marine Policy</i> , 2016, 72, 176-191.	1.5	28
10	Landsat-7 and ASTER remote sensing satellite imagery for identification of iron skarn mineralization in metamorphic regions. <i>Geocarto International</i> , 2022, 37, 1971-1998.	1.7	26
11	Assessment of Landsat 7 Scan Line Corrector-off data gap-filling methods for seagrass distribution mapping. <i>International Journal of Remote Sensing</i> , 2015, 36, 1188-1215.	1.3	25
12	Coral Reef Mapping of UAV: A Comparison of Sun Glint Correction Methods. <i>Remote Sensing</i> , 2019, 11, 2422.	1.8	25
13	Identification of Phyllosilicates in the Antarctic Environment Using ASTER Satellite Data: Case Study from the Mesa Range, Campbell and Priestley Glaciers, Northern Victoria Land. <i>Remote Sensing</i> , 2021, 13, 38.	1.8	22
14	Recent advancement on estimation of blue carbon biomass using satellite-based approach. <i>International Journal of Remote Sensing</i> , 2019, 40, 7679-7715.	1.3	19
15	Lithological and alteration mapping using Landsat 8 and ASTER satellite data in the Reguibat Shield (West African Craton), North of Mauritania: implications for uranium exploration. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	19
16	A Rule-Based Classification Method for Mapping Saltmarsh Land-Cover in South-Eastern Bangladesh from Landsat-8 OLI. <i>Canadian Journal of Remote Sensing</i> , 2021, 47, 356-380.	1.1	17
17	Satellite-Based Run-Off Model for Monitoring Drought in Peninsular Malaysia. <i>Remote Sensing</i> , 2016, 8, 633.	1.8	16
18	Integrating remote sensing, GIS and in-situ data for structural mapping over a part of the NW Rif belt, Morocco. <i>Geocarto International</i> , 2022, 37, 3265-3292.	1.7	12

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19	Assessment of the impact of Landsat 7 Scan Line Corrector data gaps on Sungai Pulai Estuary seagrass mapping. <i>Applied Geomatics</i> , 2015, 7, 189-202.	1.2	9
20	Can ensemble techniques improve coral reef habitat classification accuracy using multispectral data?. <i>Geocarto International</i> , 2020, 35, 1214-1232.	1.7	9
21	Identifying hydrothermally altered rocks using ASTER satellite imageries in Eastern Anti-Atlas of Morocco: a case study from Imiter silver mine. <i>International Journal of Image and Data Fusion</i> , 2022, 13, 337-361.	0.8	9
22	Tropical Cyclone Wind Speed Estimation From Satellite Altimeterâ€œDerived Ocean Parameters. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016988.	1.0	8
23	Fusion of ASTER satellite imagery, geochemical and geology data for gold prospecting in the Astaneh granite intrusive, West Central Iran. <i>International Journal of Image and Data Fusion</i> , 2022, 13, 71-94.	0.8	7
24	Shoreline mapping: how do Fuzzy Sigmoidal, Bayesian, and Dempster-Shafer classifications perform for different types of coasts?. <i>Remote Sensing Letters</i> , 2019, 10, 39-48.	0.6	5
25	Assessing optimal UAV-data pre-processing workflows for quality ortho-image generation to support coral reef mapping. <i>Geocarto International</i> , 0, , 1-25.	1.7	5
26	ASSESSMENT OF OIL PALM PLANTATION AND TROPICAL PEAT SWAMP FOREST WATER QUALITY BY MULTIVARIATE STATISTICAL ANALYSIS. <i>American Journal of Environmental Sciences</i> , 2014, 10, 391-402.	0.3	4
27	Assessing Target Strength, Abundance, and Biomass for Three Commercial Pelagic Fish Species along the East Coast of Peninsular Malaysia Using a Split-Beam Echo Sounder. <i>Journal of Coastal Research</i> , 2017, 336, 1448-1459.	0.1	4
28	Effects of burrowing mud lobsters (<i>Thalassina anomala</i> Herbst 1804) on soil macro- and micronutrients in a Malaysian mangrove. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 228, 106358.	0.9	4
29	Coral habitat mapping: a comparison between maximum likelihood, Bayesian and Dempsterâ€œShafer classifiers. <i>Geocarto International</i> , 2021, 36, 1217-1235.	1.7	4
30	Introducing Theil-Sen estimator for sun glint correction of UAV data for coral mapping. <i>Geocarto International</i> , 2022, 37, 4527-4556.	1.7	4
31	Behavioural response of the mud lobster, <i>Thalassina anomala</i> Herbst, 1804 (Decapoda, Gebiidea), to different trapping devices. <i>Crustaceana</i> , 2019, 92, 353-371.	0.1	3
32	A screening approach for the correction of distortion in UAV data for coral community mapping. <i>Geocarto International</i> , 2022, 37, 7089-7121.	1.7	3
33	The 3D Neural Network for Improving Radar-Rainfall Estimation in Monsoon Climate. <i>Atmosphere</i> , 2021, 12, 634.	1.0	2
34	MULTI-TEMPORAL MODIS FOR DETECTION AND PUBLISHED LITERATURES FOR VALIDATION OF PHYTOPLANKTON BLOOMS IN SABAH AND SARAWAK, MALAYSIA. <i>Jurnal Teknologi (Sciences and)</i> Tj ETQq0 0 0 rgBT./Overlock 10 Tf 50		
35	Shoreline mapping: how do Fuzzy Sigmoidal, Bayesian, and Dempster-Shafer classifications perform for different types of coasts?. <i>Remote Sensing Letters</i> , 2019, 10, 168-177.	0.6	1
36	Microclimate and distribution of mangrove soil carbon in mud lobster (<i>Thalassina anomala</i> Herbst) Tj ETQq0 0 0 rgBT./Overlock 10 Tf 50	0.4	1

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37	MULTITEMPORAL HISTOGRAM MATCHING – A NEW APPROACH OF MOSS AND LICHEN CHANGE DETECTION FROM LANDSAT IN DATA-POOR ANTARCTICA ENVIRONMENTS. Jurnal Teknologi (Sciences and Engineering), 2020, 82, .	0.3	1
38	Mapping Different Types of Shorelines from Coarse-Resolution Imagery: Fuzzy Classification Method Can Deliver Greater Accuracy. Journal of Coastal Research, 2020, 37, .	0.1	0