Mazlan Hashim

List of Publications by Year
in descending order

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207	4,620	117625	118850
papers	citations	34 h-index	62 g-index

211	211	211	3394
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Landslide susceptibility mapping using GIS-based statistical models and Remote sensing data in tropical environment. Scientific Reports, 2015, 5, 9899.	3.3	287
2	The application of ASTER remote sensing data to porphyry copper and epithermal gold deposits. Ore Geology Reviews, 2012, 44, 1-9.	2.7	233
3	Identification of hydrothermal alteration minerals for exploring of porphyry copper deposit using ASTER data, SE Iran. Journal of Asian Earth Sciences, 2011, 42, 1309-1323.	2.3	172
4	The application of remote sensing to seagrass ecosystems: an overview and future research prospects. International Journal of Remote Sensing, 2015, 36, 61-114.	2.9	158
5	Lithological and alteration mineral mapping in poorly exposed lithologies using Landsat-8 and ASTER satellite data: North-eastern Graham Land, Antarctic Peninsula. Ore Geology Reviews, 2019, 108, 112-133.	2.7	139
6	Remote sensing and GIS-based landslide susceptibility mapping using frequency ratio, logistic regression, and fuzzy logic methods at the central Zab basin, Iran. Environmental Earth Sciences, 2015, 73, 8647-8668.	2.7	135
7	Hydrothermal alteration mapping from Landsat-8 data, Sar Cheshmeh copper mining district, south-eastern Islamic Republic of Iran. Journal of Taibah University for Science, 2015, 9, 155-166.	2.5	128
8	Detection of hydrothermal alteration zones in a tropical region using satellite remote sensing data: Bau goldfield, Sarawak, Malaysia. Ore Geology Reviews, 2013, 54, 181-196.	2.7	113
9	Identifying areas of high economic-potential copper mineralization using ASTER data in the Urumiehâ€“Dokhtar Volcanic Belt, Iran. Advances in Space Research, 2012, 49, 753-769.	2.6	112
10	Automatic lineament extraction in a heavily vegetated region using Landsat Enhanced Thematic Mapper (ETM+) imagery. Advances in Space Research, 2013, 51, 874-890.	2.6	108
11	Structural mapping using PALSAR data in the Central Gold Belt, Peninsular Malaysia. Ore Geology Reviews, 2015, 64, 13-22.	2.7	100
12	Application of Multi-Sensor Satellite Data for Exploration of Znâ€“Pb Sulfide Mineralization in the Franklinian Basin, North Greenland. Remote Sensing, 2018, 10, 1186.	4.0	92
13	A Hybrid Analytic Network Process and Artificial Neural Network (ANP-ANN) Model for Urban Earthquake Vulnerability Assessment. Remote Sensing, 2018, 10, 975.	4.0	90
14	Application of Landsat-8, Sentinel-2, ASTER and WorldView-3 Spectral Imagery for Exploration of Carbonate-Hosted Pb-Zn Deposits in the Central Iranian Terrane (CIT). Remote Sensing, 2020, 12, 1239.	4.0	89
15	Mapping alteration mineral zones and lithological units in Antarctic regions using spectral bands of ASTER remote sensing data. Geocarto International, 2018, 33, 1281-1306.	3.5	82
16	Regional geology mapping using satellite-based remote sensing approach in Northern Victoria Land, Antarctica. Polar Science, 2018, 16, 23-46.	1.2	76
17	ASTER, ALI and Hyperion sensors data for lithological mapping and ore minerals exploration. SpringerPlus, 2014, 3, 130.	1.2	75
18	Integrating PALSAR and ASTER data for mineral deposits exploration in tropical environments: a case study from Central Belt, Peninsular Malaysia. International Journal of Image and Data Fusion, 2015, 6, 170-188.	1.7	75

#	Article	IF	Citations
19	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. Remote Sensing, 2019, 11, 2430.	4.0	72
20	A review of geospatial-based urban growth models and modelling initiatives. Geocarto International, 2017, 32, 813-833.	3.5	70
21	Structural Mapping of the Bentongâ€Raub Suture Zone Using PALSAR Remote Sensing Data, Peninsular Malaysia: Implications for Sedimentâ€hosted/Orogenic Gold Mineral Systems Exploration. Resource Geology, 2016, 66, 368-385.	0.8	67
22	Spectral transformation of ASTER and Landsat TM bands for lithological mapping of Soghan ophiolite complex, south Iran. Advances in Space Research, 2014, 54, 694-709.	2.6	63
23	A robust calibration approach for PM₁₀ prediction from MODIS aerosol optical depth. Atmospheric Chemistry and Physics, 2013, 13, 3517-3526.	4.9	61
24	Structural geology mapping using PALSAR data in the Bau gold mining district, Sarawak, Malaysia. Advances in Space Research, 2014, 54, 644-654.	2.6	59
25	Evaluation of ICA and CEM algorithms with Landsat-8/ASTER data for geological mapping in inaccessible regions. Geocarto International, 2019, 34, 785-816.	3.5	55
26	Exploration of gold mineralization in a tropical region using Earth Observing-1 (EO1) and JERS-1 SAR data: a case study from Bau gold field, Sarawak, Malaysia. Arabian Journal of Geosciences, 2014, 7, 2393-2406.	1.3	53
27	Locational accuracy of underground utility mapping using ground penetrating radar. Tunnelling and Underground Space Technology, 2013, 35, 20-29.	6.2	51
28	Application of Landsat images to seagrass areal cover change analysis for Lawas, Terengganu and Kelantan of Malaysia. Continental Shelf Research, 2015, 110, 124-148.	1.8	50
29	Application of <scp>ASTER</scp> and Landsat <scp>TM</scp> Data for Geological Mapping of Esfandagheh Ophiolite Complex, Southern <scp>I</scp>ran. Resource Geology, 2014, 64, 233-246.	0.8	48
30	Material Classification of Underground Utilities From GPR Images Using DCT-Based SVM Approach. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 1542-1546.	3.1	46
31	Unravelling proximate cues of mass flowering in the tropical forests of Southâ€East Asia from gene expression analyses. Molecular Ecology, 2017, 26, 5074-5085.	3.9	44
32	Assessment of the impact of coastal reclamation activities on seagrass meadows in Sungai Pulai estuary, Malaysia, using Landsat data (1994â€“2017). International Journal of Remote Sensing, 2019, 40, 3571-3605.	2.9	42
33	Multi-Criteria Decision Making (MCDM) Model for Seismic Vulnerability Assessment (SVA) of Urban Residential Buildings. ISPRS International Journal of Geo-Information, 2018, 7, 444.	2.9	41
34	Editorial for the Special Issue: Multispectral and Hyperspectral Remote Sensing Data for Mineral Exploration and Environmental Monitoring of Mined Areas. Remote Sensing, 2021, 13, 519.	4.0	36
35	Fusing ASTER, ALI and Hyperion data for enhanced mineral mapping. International Journal of Image and Data Fusion, 2013, 4, 126-145.	1.7	35
36	Change Detection of Submerged Seagrass Biomass in Shallow Coastal Water. Remote Sensing, 2016, 8, 200.	4.0	35

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37	Application of Landsat-8 and ALOS-2 data for structural and landslide hazard mapping in Kelantan, Malaysia. Natural Hazards and Earth System Sciences, 2017, 17, 1285-1303.	3.6	35
38	Potential of Earth Observation (EO) technologies for seagrass ecosystem service assessments. International Journal of Applied Earth Observation and Geoinformation, 2019, 77, 15-29.	2.8	34
39	Estimation of aboveground biomass in logged and primary lowland rainforests using 3-D photogrammetric analysis. Forest Ecology and Management, 2004, 203, 63-75.	3.2	33
40	Modification of fractal algorithm for oil spill detection from RADARSAT-1 SAR data. International Journal of Applied Earth Observation and Geoinformation, 2009, 11, 96-102.	2.8	33
41	Synergistic use of Landsat 8 OLI image and airborne LiDAR data for above-ground biomass estimation in tropical lowland rainforests. Forest Ecology and Management, 2017, 406, 163-171.	3.2	31
42	Identification of hydrothermal alteration minerals associated with geothermal system using ASTER and Hyperion satellite data: a case study from Yankari Park, NE Nigeria. Geocarto International, 2019, 34, 597-625.	3.5	29
43	Detection of chromite bearing mineralized zones in Abdasht ophiolite complex using ASTER and ETM+ remote sensing data. Arabian Journal of Geosciences, 2014, 7, 1973-1983.	1.3	28
44	Marine and human habitat mapping for the Coral Triangle Initiative region of Sabah using Landsat and Google Earth imagery. Marine Policy, 2016, 72, 176-191.	3.2	28
45	Lineament Mapping Using Multispectral Remote Sensing Satellite Data. Research Journal of Applied Sciences, 2010, 5, 126-130.	0.1	27
46	Using fisher knowledge, mapping population, habitat suitability and risk for the conservation of dugongs in Johor Straits of Malaysia. Marine Policy, 2017, 78, 18-25.	3.2	27
47	Assessment of Landsat 7 Scan Line Corrector-off data gap-filling methods for seagrass distribution mapping. International Journal of Remote Sensing, 2015, 36, 1188-1215.	2.9	25
48	Assessment of Effective Seasonal Downscaling of TRMM Precipitation Data in Peninsular Malaysia. Remote Sensing, 2015, 7, 4092-4111.	4.0	23
49	Identification of Phyllosilicates in the Antarctic Environment Using ASTER Satellite Data: Case Study from the Mesa Range, Campbell and Priestley Glaciers, Northern Victoria Land. Remote Sensing, 2021, 13, 38.	4.0	22
50	Predicting the Habitat Suitability of Melaleuca cajuputi Based on the MaxEnt Species Distribution Model. Forests, 2021, 12, 1449.	2.1	22
51	Comparison between radarsat-1 SAR different data modes for oil spill detection by a fractal box counting algorithm. International Journal of Digital Earth, 2009, 2, 237-256.	3.9	21
52	Thermal sharpening of land surface temperature maps based on the impervious surface index with the TsHARP method to ASTER satellite data: A case study from the metropolitan Kuala Lumpur, Malaysia. Measurement: Journal of the International Measurement Confederation, 2018, 125, 262-278.	5.0	21
53	3-D reconstruction of coastal bathymetry from AIRSAR/POLSAR data. Chinese Journal of Oceanology and Limnology, 2009, 27, 117-123.	0.7	19
54	Integration of ASTER and landsat TM remote sensing data for chromite prospecting and lithological mapping in Neyriz ophiolite zone, south Iran. Resource Geology, 2015, 65, 375-388.	0.8	19

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55	How effective is the new generation of GPM satellite precipitation in characterizing the rainfall variability over Malaysia?. Asia-Pacific Journal of Atmospheric Sciences, 2017, 53, 375-384.	2.3	19
56	Recent advancement on estimation of blue carbon biomass using satellite-based approach. International Journal of Remote Sensing, 2019, 40, 7679-7715.	2.9	19
57	3-D visualizations of coastal bathymetry by utilization of airborne TOPSAR polarized data. International Journal of Digital Earth, 2010, 3, 187-206.	3.9	18
58	Geographical Pattern and Environmental Correlates of Regional-Scale General Flowering in Peninsular Malaysia. PLoS ONE, 2013, 8, e79095.	2.5	16
59	Satellite-Based Run-Off Model for Monitoring Drought in Peninsular Malaysia. Remote Sensing, 2016, 8, 633.	4.0	16
60	Landslide Mapping and Assessment by Integrating Landsat-8, PALSAR-2 and GIS Techniques: A Case Study from Kelantan State, Peninsular Malaysia. Journal of the Indian Society of Remote Sensing, 2018, 46, 233-248.	2.4	16
61	Spatial and temporal variations in the light environment in a primary and selectively logged forest long after logging in Peninsular Malaysia. Trees - Structure and Function, 2014, 28, 1355-1365.	1.9	15
62	Satellite-based characterization of climatic conditions before large-scale general flowering events in Peninsular Malaysia. Scientific Reports, 2016, 6, 32329.	3.3	15
63	Geospatial modelling of urban growth for sustainable development in the Niger Delta Region, Nigeria. International Journal of Remote Sensing, 2019, 40, 3076-3104.	2.9	15
64	Logging History and Its Impact on Forest Structure and Species Composition in the Pasoh Forest Reserve â€" Implications for the Sustainable Management of Natural Resources and Landscapes. , 2003, , 15-34.		15
65	Modeling sprawl of unauthorized development using geospatial technology: case study in Kuantan district, Malaysia. International Journal of Digital Earth, 2011, 4, 223-238.	3.9	14
66	Evaluation of Earth Observing-1 (EO1) Data for Lithological and Hydrothermal Alteration Mapping: A Case Study from Urumieh-Dokhtar Volcanic Belt, SE Iran. Journal of the Indian Society of Remote Sensing, 2015, 43, 583-597.	2.4	14
67	The use of AVHRR data to determine the concentration of visible and invisible tropospheric pollutants originating from a 1997 forest fire in Southeast Asia. International Journal of Remote Sensing, 2004, 25, 4781-4794.	2.9	13
68	Simulation of shoreline change using AIRSAR and POLSAR C-band data. Environmental Earth Sciences, 2011, 64, 1177-1189.	2.7	13
69	Developing land use geospatial indices (LUGI) for sprawl measurement in alpha cities: Case study of Kuala Lumpur, Malaysia. Cities, 2018, 82, 127-140.	5.6	13
70	Modelling Sea Surface Salinity from MODIS Satellite Data. Lecture Notes in Computer Science, 2010, , 545-556.	1.3	12
71	Effects of nonlethal tourist activity on the diel activity patterns of mammals in a National Park in Peninsular Malaysia. Global Ecology and Conservation, 2019, 20, e00772.	2.1	12
72	Geologic Mapping of United Arab Emirates using Multispectral Remotely Sensed Data. American Journal of Engineering and Applied Sciences, 2009, 2, 476-480.	0.6	12

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73	Comparison of ETM+ and MODIS Data for Tropical Forest Degradation Monitoring in the Peninsular Malaysia. Journal of the Indian Society of Remote Sensing, 2014, 42, 383-396.	2.4	11
74	The Distribution of an Invasive Species, Clidemia hirta Along Roads and Trails in Endau Rompin National Park, Malaysia. Tropical Conservation Science, 2018, 11, 194008291775281.	1.2	11
75	Remote sensing satellite imagery for prospecting geothermal systems in an aseismic geologic setting: Yankari Park, Nigeria. International Journal of Applied Earth Observation and Geoinformation, 2019, 80, 157-172.	2.8	11
76	An approach for quantification of submerged seagrass biomass in shallow turbid coastal waters. , 2014, , .		10
77	Spatial Downscaling of Satellite Precipitation Data in Humid Tropics Using a Site-Specific Seasonal Coefficient. Water (Switzerland), 2018, 10, 409.	2.7	10
78	Fractal Dimension Algorithm for Detecting Oil Spills Using RADARSAT-1 SAR. , 2007, , 1054-1062.		10
79	Estimating Logged-Over Lowland Rainforest Aboveground Biomass in Sabah, Malaysia Using Airborne LiDAR Data. Terrestrial, Atmospheric and Oceanic Sciences, 2016, 27, 481.	0.6	10
80	Broadening of EM Energy-Absorption Frequency Band by Micrometer-to-Nanometer Grain Size Reduction in NiZn Ferrite. IEEE Transactions on Magnetics, 2013, 49, 5475-5479.	2.1	9
81	Alteration mineral mapping using ETM+ and hyperion remote sensing data at Bau Gold Field, Sarawak, Malaysia. IOP Conference Series: Earth and Environmental Science, 2014, 18, 012149.	0.3	9
82	Assessment of the impact of Landsat 7 Scan Line Corrector data gaps on Sungai Pulai Estuary seagrass mapping. Applied Geomatics, 2015, 7, 189-202.	2.5	9
83	Mapping the Daily Rainfall over an Ungauged Tropical Micro-Watershed: A Downscaling Algorithm Using GPM Data. Water (Switzerland), 2020, 12, 1661.	2.7	9
84	Gondwana-Derived Terranes Structural Mapping Using PALSAR Remote Sensing Data. Journal of the Indian Society of Remote Sensing, 2018, 46, 249-262.	2.4	9
85	An approach for correcting inhomogeneous atmospheric effects in remote sensing images. International Journal of Remote Sensing, 2004, 25, 5131-5141.	2.9	8
86	A data fusion study on the impacts of the 2011 Japan tsunami on the marine environment of Sendai Bay. International Journal of Image and Data Fusion, 2012, 3, 191-198.	1.7	8
87	Change detection of runoff-urban growth relationship in urbanised watershed. IOP Conference Series: Earth and Environmental Science, 2014, 18, 012040.	0.3	8
88	Comparative Algorithms for Oil Spill Detection from Multi Mode RADARSAT-1 SAR Satellite Data. Lecture Notes in Computer Science, 2011, , 318-329.	1.3	8
89	Retrieving seasonal sea surface salinity from MODIS satellite data using a Box-Jenkins algorithm. , 2011, , .		7
90	Comparative analysis of product-level fusion, support vector machine, and artificial neural network approaches for land cover mapping. Arabian Journal of Geosciences, 2015, 8, 9763-9773.	1.3	7

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91	Spatial-Planning-Based Ecosystem Adaptation (SPBEA): A Concept and Modeling of Prone Shoreline Retreat Areas. ISPRS International Journal of Geo-Information, 2021, 10, 176.	2.9	7
92	UTILIZATION OF LANDSAT-8 DATA FOR LITHOLOGICAL MAPPING OF BASEMENT ROCKS OF PLATEAU STATE NORTH CENTRAL NIGERIA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W1, 335-337.	0.2	7
93	GEOLOGICAL FEATURES MAPPING USING PALSAR-2 DATA IN KELANTAN RIVER BASIN, PENINSULAR MALAYSIA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W1, 65-70.	0.2	7
94	GEOLGICAL STRUCTURE MAPPING OF THE BENTONG-RAUB SUTURE ZONE, PENINSULAR MALAYSIA USING PALSAR REMOTE SENSING DATA. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-2/W2, 89-92.	0.0	7
95	Robust of Doppler Centroid for Mapping Sea Surface Current by Using Radar Satellite Data. American Journal of Engineering and Applied Sciences, 2009, 2, 781-788.	0.6	7
96	Accuracy of data acquisition approaches with ground penetrating radar for subsurface utility mapping. , 2011, , .		6
97	Urban Underground Pipelines Mapping Using Ground Penetrating Radar. IOP Conference Series: Earth and Environmental Science, 2014, 18, 012167.	0.3	6
98	Remote detection of flowering Somei Yoshino (Prunus Ã— yedoensis) in an urban park using IKONOS imagery: comparison of hard and soft classifiers. Journal of Applied Remote Sensing, 2015, 9, 096046.	1.3	6
99	Canopy height recovery after selective logging in a lowland tropical rain forest. Forest Ecology and Management, 2019, 442, 117-123.	3.2	6
100	Mapping grass above-ground biomass of grazing-lands using satellite remote sensing. Geocarto International, 2022, 37, 4843-4856.	3.5	6
101	Geometric and radiometric evaluation of Razaksat medium-sized aperture camera data. International Journal of Remote Sensing, 2013, 34, 3947-3967.	2.9	5
102	Temporal Downscaling of TRMM Rain-Rate Images Using Principal Component Analysis during Heavy Tropical Thunderstorm Seasons. Journal of Hydrometeorology, 2015, 16, 2264-2275.	1.9	5
103	Alteration mineral mapping in inaccessible regions using target detection algorithms to ASTER data. Journal of Physics: Conference Series, 2017, 852, 012022.	0.4	5
104	Shoreline mapping: how do Fuzzy Sigmoidal, Bayesian, and Demspter-Shafer classifications perform for different types of coasts?. Remote Sensing Letters, 2019, 10, 39-48.	1.4	5
105	Image Enhancement and Change Detection for Urban Sprawl Analysis of Bauchi Metropolis, Nigeria Using Remote Sensing and GIS Techniques. Advanced Science Letters, 2018, 24, 3802-3808.	0.2	5
106	CHROMITITE PROSPECTING USING LANDSAT TM AND ASTER REMOTE SENSING DATA. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-2/W2, 99-103.	0.0	5
107	Volterra Algorithm for Modelling Sea Surface Current Circulation from Satellite Altimetry Data. Lecture Notes in Computer Science, 2008, , 119-128.	1.3	5
108	3D Bathymetry Reconstruction from Airborne Topsar Polarized Data. , 2007, , 410-420.		5

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109	Operational satellite-based watershed monitoring systems (SAWMOS) for large humid tropical catchment environment. , 2011, , .		4
110	Microstructural and Dielectric Properties of Zr Doped Microwave Sintered<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mtext>C</mml:mtext><mml:mtext>a</mml:mtext><mml:msub><mml:mrow><mml:mtext>C</mml:mtext><mml:mtext mathvariant="bold">3</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mtext>T</mml:mtext><mml:mtext>i</mml:mtext><mml:mtext mathvariant="bold">4</mml:mn></mml:mrow></mml:msub><mml:mtext>.	1.8	4
111	Advances in Materials Science and Engineering, 2014, 2014, 1-6. A Review of Uncertainty Sources on Weather Ground-Based Radar for Rainfall Estimation. Applied Mechanics and Materials, 0, 818, 254-271.	0.2	4
112	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. Journal of Coastal Research, 2017, 336, 1448-1459.	0.3	4
113	Spatiotemporal changes in biomass after selective logging in a lowland tropical rainforest in Peninsular Malaysia. Tropics, 2021, 30, 11-23.	0.8	4
114	Biohydrogen Production by Antarctic Psychrotolerant Klebsiella sp. ABZ11. Polish Journal of Microbiology, 2018, 67, 283-290.	1.7	4
115	Performance evaluation of global and absolute DEMs generated from ASTER stereo imagery. , 2011, , .		3
116	Ground penetrating radar data processing for retrieval of utility material types and radius estimation. , 2011, , .		3
117	Decomposition of mixed pixels of ASTER satellite data for mapping Chengal (Neobalanocarpus heimii) Tj ETQq1 1 0.784314 rgBT /Ove		3
118	Feature level fusion for enhanced geological mapping of ophiolile complex using ASTER and Landsat TM data. IOP Conference Series: Earth and Environmental Science, 2014, 18, 012145.	0.3	3
119	Challenge and opportunities of space-based precipitation radar for spatio-temporal hydrology analysis in tropical maritime influenced catchment: Case study on the hilly tropical watershed of Peninsular Malaysia. IOP Conference Series: Earth and Environmental Science, 2014, 18, 012001.	0.3	3
120	Early detection of plant disease using close range sensing system for input into digital earth environment. IOP Conference Series: Earth and Environmental Science, 2014, 18, 012143.	0.3	3
121	Application of PALSAR-2 remote sensing data for structural geology and topographic mapping in Kelantan river basin, Malaysia. IOP Conference Series: Earth and Environmental Science, 2016, 37, 012067.	0.3	3
122	Remote sensing analysis of geological structures in Peninsular Malaysia using PALSAR data. , 2016, , .		3
123	Mapping snow-algae in Antarctic Peninsula with multi-temporal satellite remote sensing data. , 2016, , .		3
124	A preliminary work on blue carbon stock mapping in mangrove habitat using satellite-based approach. IOP Conference Series: Earth and Environmental Science, 0, 169, 012078.	0.3	3
125	Using ASTER Satellite Data for Mapping Hydrothermal Alteration as a Tool in Geothermal Exploration with GPS Field Validation. Advanced Science Letters, 2018, 24, 4489-4495.	0.2	3
126	AN APPROACH OF VICARIOUS CALIBRATION OF SENTINEL-2 SATELLITE MULTISPECTRAL IMAGE BASED ON SPECTRAL LIBRARY FOR MAPPING OIL SPILLS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W16, 117-121.	0.2	3

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127	REGIONAL GEOLGICAL MAPPING IN TROPICAL ENVIRONMENTS USING LANDSAT TM AND SRTM REMOTE SENSING DATA. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-2/W2, 93-98.	0.0	3
128	INTEGRATION OF PALSAR AND ASTER SATELLITE DATA FOR GEOLOGICAL MAPPING IN TROPICS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-2/W2, 105-109.	0.0	3
129	Hopfield Neural Network for Sea Surface Current Tracking from Tiungsat-1 Data. Lecture Notes in Computer Science, 2008, , 950-958.	1.3	3
130	Fabrication of yttrium-iron garnet using a front-loading hot-press furnace. Journal of Materials Science Letters, 1993, 12, 1838-1841.	0.5	2
131	Holograph Interferomatery for Modelling Rate Change of Shoreline from Airsar Data. , 2007, , .		2
132	Determination of forest water yield in Malaysian tropical watershed using calibrated satellite-based rainfall data. , 2010, , .		2
133	Comparative statistical-based and color-related pan sharpening algorithms for ASTER and RADARSAT SAR satellite data. , 2011, , .		2
134	Processing and interpretation of advanced space-borne thermal emission and reflection radiometer (ASTER) data for lithological mapping in ophiolite complex. International Journal of Physical Sciences, 2011, 6, .	0.4	2
135	Retrieval of PM<inf>10</inf> concentration from Moderate Resolution Imaging Spectroradiometer (MODIS) derived AOD in Peninsular Malaysia. , 2011, , .		2
136	Separation of Different Vegetation Types in ASTER and Landsat Satellite Images Using Satelliteâ€derived Vegetation Indices. Jurnal Teknologi (Sciences and Engineering), 2014, 71, .	0.4	2
137	Increasing the potential of Razaksat images for map-updating in the Tropics. IOP Conference Series: Earth and Environmental Science, 2014, 18, 012029.	0.3	2
138	Validation of MODIS Data for localized spatio-temporal evapotranspiration mapping. IOP Conference Series: Earth and Environmental Science, 2014, 18, 012183.	0.3	2
139	Remote Sensing of shallow sea floor for digital earth environment. IOP Conference Series: Earth and Environmental Science, 2014, 18, 012110.	0.3	2
140	8th International Symposium of the Digital Earth (ISDE8). IOP Conference Series: Earth and Environmental Science, 2014, 18, 011001.	0.3	2
141	Tropical forest degradation monitoring using ETM+ and MODIS remote sensing data in the Peninsular Malaysia. IOP Conference Series: Earth and Environmental Science, 2014, 18, 012011.	0.3	2
142	Total aboveground biomass (TAGB) estimation using IFSAR: speckle noise effect on TAGB in tropical forest. IOP Conference Series: Earth and Environmental Science, 2014, 18, 012144.	0.3	2
143	Validation of MODIS Data for Localized Spatio-Temporal Evapotranspiration Mapping. IOP Conference Series: Earth and Environmental Science, 2014, 18, 012182.	0.3	2
144	Mapping land slide occurrence zones using Remote Sensing and GIS techniques in Kelantan state, Malaysia. Journal of Physics: Conference Series, 2017, 852, 012023.	0.4	2

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145	Application of ASTER SWIR bands in mapping anomaly pixels for Antarctic geological mapping. Journal of Physics: Conference Series, 2017, 852, 012025.	0.4	2
146	EARTH OBSERVATORY DATA FOR MARITIME SILK ROAD DEVELOPMENT IN SOUTH EAST ASIA. Jurnal Teknologi (Sciences and Engineering), 2017, 79, .	0.4	2
147	Per-pixel and sub-pixel mapping of alteration minerals associated with geothermal systems using ASTER SWIR data. IOP Conference Series: Earth and Environmental Science, 0, 169, 012086.	0.3	2
148	An Approach for the Retrieval of Land Surface Temperature from the Industrial Area Using Landsat-8 Thermal Infrared Sensors. IOP Conference Series: Earth and Environmental Science, 2020, 540, 012059.	0.3	2
149	Appraisal of seagrass aboveground biomass changes using satellite data within the tropical coastline of Peninsular Malaysia. Geocarto International, 2022, 37, 5453-5478.	3.5	2
150	Modeling Un-authorized Land Use Sprawl with Integrated Remote Sensing-GIS Technique and Cellular Automata. Lecture Notes in Computer Science, 2009, , 163-175.	1.3	2
151	APPLICATION OF MULTISPECTRAL SATELLITE DATA FOR GEOLOGICAL MAPPING IN ANTARCTIC ENVIRONMENTS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W1, 77-81.	0.2	2
152	HYDROTHEMAL ALTERATION MAPPING USING FEATURE-ORIENTED PRINCIPAL COMPONENT SELECTION (FPCS) METHOD TO ASTER DATA:WIKKI AND MAWULGO THERMAL SPRINGS, YANKARI PARK, NIGERIA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W5, 1-5.	0.2	2
153	GOLD MINERAL PROSPECTING USING PHASED ARRAY TYPE L-BAND SYNTHETIC APERTURE RADAR (PALSAR) SATELLITE REMOTE SENSING DATA, CENTRAL GOLD BELT, MALAYSIA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B8, 409-412.	0.2	2
154	TARGETING HYDROTHERMAL ALTERATIONS UTILIZING LANDSAT-8 ANDASTER DATA IN SHAHR-E-BABAK, IRAN. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W5, 153-157.	0.2	2
155	SATELLITE-BASED MAPPING OF ABOVE-GROUND BLUE CARBON STORAGE IN SEAGRASS HABITAT WITHIN THE SHALLOW COASTAL WATER. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W16, 587-593.	0.2	2
156	Modelling shoreline change using pointwise algorithm from different TOPSAR polarised bands. , 2011, , .		1
157	Comparative algorithms for oil spill automatic detection using multimode RADARSAT-1 SAR data. , 2011, , .		1
158	Optimizing cloud removal from satellite remotely sensed data for monitoring vegetation dynamics in humid tropical climate. IOP Conference Series: Earth and Environmental Science, 2014, 18, 012010.	0.3	1
159	Detection of precast concrete beam defects using finite-difference time-domain modelling. , 2015, , .		1
160	Mesoscale surface circulation and variability of Southern Indian Ocean derived by combining satellite altimetry and drifter observations. Acta Oceanologica Sinica, 2015, 34, 12-22.	1.0	1
161	Identifying the Optimum Locations for Food Industries in Qaemshahr-Iran, Using GIS and Image Processing Techniques. Jurnal Teknologi (Sciences and Engineering), 2015, 74, .	0.4	1
162	PALSAR-2 remote sensing data for detection of hazards zones of geological origin in Kelantan river basin, Peninsular Malaysia. , 2016, , .		1

#	Article	IF	Citations
163	Spectral mineral mapping for characterization of subtle geothermal prospects using ASTER data. Journal of Physics: Conference Series, 2017, 852, 012024.	0.4	1
164	MULTI-TEMPORAL MODIS FOR DETECTION AND PUBLISHED LITERATURES FOR VALIDATION OF PHYTOPLANKTON BLOOMS IN SABAH AND SARAWAK, MALAYSIA. Jurnal Teknologi (Sciences and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	1
165	Shoreline mapping: how do Fuzzy Sigmoidal, Bayesian, and Demspter-Shafer classifications perform for different types of coasts?. Remote Sensing Letters, 2019, 10, 168-177.	1.4	1
166	GOLD MINERAL PROSPECTING USING PHASED ARRAY TYPE L-BAND SYNTHETIC APERTURE RADAR (PALSAR) SATELLITE REMOTE SENSING DATA, CENTRAL GOLD BELT, MALAYSIA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B8, 409-412.	0.2	1
167	IDENTIFICATION OF HIGH POTENTIAL BAYS FOR HABs OCCURRENCE IN PENINSULAR MALYSIA USING PALSAR REMOTE SENSING DATA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W1, 97-101.	0.2	1
168	APPLICATION OF PALSAR-2 REMOTE SENSING DATA FOR LANDSLIDE HAZARD MAPPING IN KELANTAN RIVER BASIN, PENINSULAR MALAYSIA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B8, 413-416.	0.2	1
169	Light Penetration Ability Assessment of Satellite Band for Seagrass Detection Using Landsat 8 OLI Satellite Data. Lecture Notes in Computer Science, 2016, , 265-274.	1.3	1
170	Improving Community Capacity in Rapid Disaster Mapping: An Evaluation of Summer School. Indonesian Journal of Geography, 2019, 51, 155.	0.5	1
171	Spatial planning-based ecosystem adaptation (SPBEA) as a method to mitigate the impact of climate change: The effectiveness of hybrid training and participatory workshops during a pandemic in Indonesia. APN Science Bulletin, 2022, 2022, 29-43.	0.7	1
172	ASSESSING IMPACT OF STINGRAY GILL NET FISHERY TO BYCATCH POPULATION AROUND BIDONG ISLAND, MALAYSIA. Journal of Sustainability Science and Management, 2022, 17, 23-36.	0.5	1
173	Cover Kuala Lumpur and its environs. International Journal of Remote Sensing, 1992, 13, 1591-1592.	2.9	0
174	Cover Three-dimensional perspective view of Kuala Lumpur and its environs. International Journal of Remote Sensing, 1993, 14, 1019-1020.	2.9	0
175	Volterra-fuzzy B-spline algorithm for 3D coastal bathymetry reconstruction. , 2009, , .		0
176	Urban Sprawl Processes Joining Cellular Automata, GIS and Remote Sensing Data: Simulation of Details Un-authorized Development. , 2010, , .		0
177	Comparative algorithms for automatic detection of oil spill in multisar of RADARSAT-1 SAR and ENVISAT data. , 2011, , .		0
178	Simulation of tsunami effects on sea surface salinity using MODIS satellite data. IOP Conference Series: Earth and Environmental Science, 2014, 18, 012004.	0.3	0
179	Assessing water availability over peninsular Malaysia using public domain satellite data products. IOP Conference Series: Earth and Environmental Science, 2014, 18, 012187.	0.3	0
180	Assessing the Impact of Landscape Development on Ecosystem Services Value in Tropical Watershed. IOP Conference Series: Earth and Environmental Science, 2014, 18, 012186.	0.3	0

#	Article	IF	Citations
181	Regional hydrothermal alteration mapping using Landsat-8 data. , 2015, , .		0
182	PALSAR remote sensing data for structural geology mapping in tropical environments. , 2015, , .		0
183	Integration of ASTER and Landsat TM satellite data for lithological mapping and chromite prospecting. , 2015, , .		0
184	Sediment-hosted/orogenic gold mineral systems exploration using PALSAR remote sensing data in Peninsular Malaysia. IOP Conference Series: Earth and Environmental Science, 2016, 37, 012005.	0.3	0
185	Evaluation of empirical radar rainfall model during the massive flood in Malaysia. , 2016, , .		0
186	Reclamation of mosquito breeding sites using Landsat-8 remote sensing data: A case study of Birnin Kebbi, Nigeria. IOP Conference Series: Earth and Environmental Science, 2016, 37, 012022.	0.3	0
187	An improved algorithm in unipolar weather radar calibration for rainfall estimation. Innovative Infrastructure Solutions, 2016, 1, 1.	2.2	0
188	Discovering of high potential zones for gold mineralization using remote sensing satellite data: Mersing, Johor Bahru, SE Malaysia. IOP Conference Series: Earth and Environmental Science, 2018, 169, 012006.	0.3	0
189	Evaluation and Detection of Geothermal Potential Zones in Yankari Park, South- Central Part of Bauchi State, North-Eastern Nigeria. Journal of Applied Sciences and Environmental Management, 2018, 22, 1381.	0.1	0
190	Exploration on image classifications abilities in identification of flowering trees in urban park. IOP Conference Series: Earth and Environmental Science, 2018, 169, 012103.	0.3	0
191	Regional geological mapping in Northern Victoria Land, Antarctica using multispectral remote sensing satellite data. IOP Conference Series: Earth and Environmental Science, 2018, 169, 012081.	0.3	0
192	Effect of Monsoon Flood to Groundwater Quality in Kuala Krai, Kelantan, Malaysia. IOP Conference Series: Earth and Environmental Science, 2018, 145, 012112.	0.3	0
193	Modelling Catchment Land Use Changes against Water Yield with Satellite Multi-Temporal Data. IOP Conference Series: Earth and Environmental Science, 2020, 540, 012060.	0.3	0
194	Forecasting the near future of rainfall in humid tropics using the high-resolution satellite precipitation data. Physics and Chemistry of the Earth, 2021, , 103069.	2.9	0
195	Rapid mapping technique for data acquisition: The case of a summer school in the Banjarnegara district, Indonesia. APN Science Bulletin, 2021, 11, .	0.7	0
196	Modelling Chlorophyll Concentrations Using MODIS Satellite Data. Research Journal of Applied Sciences, 2010, 5, 370-375.	0.1	0
197	CLASSIFICATION OF SATELLITE FUSED DATA FOR LAND USE MAPPING IN DEVELOPMENT PLAN. Planning Malaysia, 2016, 9, .	0.2	0
198	Alteration zone Mapping in the Meiduk and Sar Cheshmeh Porphyry Copper Mining Districts of Iran using Advanced Land Imager (ALI) Satellite Data. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-2/W2, 111-115.	0.0	0

#	Article	IF	Citations
199	APPLICATION OF PALSAR-2 REMOTE SENSING DATA FOR LANDSLIDE HAZARD MAPPING IN KELANTAN RIVER BASIN, PENINSULAR MALAYSIA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B8, 413-416.	0.2	0
200	Geology and Remote Sensing Investigations in Antarctic Environments. Sustainable Civil Infrastructures, 2018, , 272-281.	0.2	0
201	REGIONAL GEOLOGICAL MAPPING IN THE GRAHAM LAND OF ANTARCTIC PENINSULA USING LANDSAT-8 REMOTE SENSING DATA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W5, 235-238.	0.2	0
202	MAPPING THE EFFECTS OF AGRICULTURAL DEVELOPMENT TO WATER YIELD USING REMOTE SENSING. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W16, 131-136.	0.2	0
203	MULTISPECTRAL AND HYPERSPECTRAL SATELLITE DATA FOR ALTERATION MAPPING USING PARTIAL-SUBPIXEL ALGORITHM IN AN UNEXPLORED REGION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W16, 35-38.	0.2	0
204	Estimation of chengal trees relative abundance using coarse spatial resolution hyperspectral systems. , 2020, , 107-120.		0
205	A COMPARATIVE ANALYSIS OF SPECTRAL INFORMATION EXTRACTION ALGORITHMS FOR TARGET DETECTION OF HYDROTHERMAL ALTERATION ZONES USING ASTER SATELLITE IMAGE DATA. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, V-3-2020, 649-654.	0.0	0
206	Reconstruction of Three Dimensional Ocean Bathymetry Using Polarised TOPSAR Data. , 2006, , 749-760.		0
207	SHARPENING OF THERMAL SATELLITE IMAGERY FROM KLANG INDUSTRIAL AREA IN PENINSULAR MALAYSIA USING THE TSHARP APPROACH. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLVI-4/W3-2021, 87-102.	0.2	0