Omar F Althuwaynee

List of Publications by Year
in descending order

27	1,826	586496 16	685536 24
papers	citations	h-index	g-index

29	29	29	1631
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Assessing the suitability of GlobeLand30 for land cover mapping and sustainable development in Malaysia using error matrix and unbiased area Estimation. Geocarto International, 2022, 37, 1607-1627.	1.7	10
2	Multi-temporal Landsat-derived NDVI for vegetation cover degradation for the period 1984-2018 in part of the Arganeraie Biosphere Reserve (Morocco). Remote Sensing Applications: Society and Environment, 2022, 27, 100800.	0.8	3
3	Assessing Land Use/Land Cover Change Using Multitemporal Landsat Data in Agadir City (Morocco). Studies in Distributed Intelligence, 2022, , 337-350.	0.4	2
4	Spatial identification and temporal prediction of air pollution sources using conditional bivariate probability function and time series signature. Journal of Exposure Science and Environmental Epidemiology, 2021, 31, 709-726.	1.8	9
5	Spatial clustering and modelling for landslide susceptibility mapping in the north of the Kathmandu Valley, Nepal. Landslides, 2021, 18, 1403-1419.	2.7	30
6	Demystifying uncertainty in PM10 susceptibility mapping using variable drop-off in extreme-gradient boosting (XGB) and random forest (RF) algorithms. Environmental Science and Pollution Research, 2021, 28, 43544-43566.	2.7	21
7	Uncertainty Reduction of Unlabeled Features in Landslide Inventory Using Machine Learning t-SNE Clustering and Data Mining Apriori Association Rule Algorithms. Applied Sciences (Switzerland), 2021, 11, 556.	1.3	18
8	Air pollution hazard assessment using decision tree algorithms and bivariate probability cluster polar function: evaluating inter-correlation clusters of PM10 and other air pollutants. GIScience and Remote Sensing, 2020, 57, 207-226.	2.4	34
9	Spatio-Temporal Analysis of Oil Spill Impact and Recovery Pattern of Coastal Vegetation and Wetland Using Multispectral Satellite Landsat 8-OLI Imagery and Machine Learning Models. Remote Sensing, 2020, 12, 1225.	1.8	41
10	Evolution of sand encroachment using supervised classification of Landsat data during the period 1987â€“2011 in a part of LaÃ¢youne-Tarfaya basin of Morocco. Geocarto International, 2019, 34, 1514-1529.	1.7	12
11	Threshold contour production of rainfall intensity that induces landslides in susceptible regions of northern Turkey. Landslides, 2018, 15, 1541-1560.	2.7	23
12	Trend of normalized difference vegetation index (NDVI) over Turkey. , 2018, , .		0
13	Semi-quantitative landslide risk assessment using GIS-based exposure analysis in Kuala Lumpur City. Geomatics, Natural Hazards and Risk, 2017, 8, 706-732.	2.0	41
14	Ionospheric TEC from the Turkish Permanent GNSS Network (TPGN) and comparison with ARMA and IRI models. Astrophysics and Space Science, 2017, 362, 1.	0.5	26
15	Applicability of R statistics in analyzing landslides spatial patterns in Northern Turkey. , 2017, , .		2
16	Monitoring and Prediction of Precipitable Water Vapor using GPS data in Turkey. Journal of Applied Geodesy, 2016, 10, .	0.6	11
17	A novel integrated model for assessing landslide susceptibility mapping using CHAID and AHP pair-wise comparison. International Journal of Remote Sensing, 2016, 37, 1190-1209.	1.3	93
18	Estimation of rainfall threshold and its use in landslide hazard mapping of Kuala Lumpur metropolitan and surrounding areas. Landslides, 2015, 12, 861-875.	2.7	47

#	Article	IF	Citations
19	Extraction of soil moisture from RADARSAT-1 and its role in the formation of the 6 December 2008 landslide at Bukit Antarabangsa, Kuala Lumpur. Arabian Journal of Geosciences, 2014, 7, 2831-2840.	0.6	21
20	A novel ensemble bivariate statistical evidential belief function with knowledge-based analytical hierarchy process and multivariate statistical logistic regression for landslide susceptibility mapping. Catena, 2014, 114, 21-36.	2.2	335
21	A novel ensemble decision tree-based CHi-squared Automatic Interaction Detection (CHAID) and multivariate logistic regression models in landslide susceptibility mapping. Landslides, 2014, 11, 1063-1078.	2.7	144
22	Landslide susceptibility mapping using decision-tree based CHi-squared automatic interaction detection (CHAID) and Logistic regression (LR) integration. IOP Conference Series: Earth and Environmental Science, 2014, 20, 012032.	0.2	11
23	An Alternative Technique for Landslide Inventory Modeling Based on Spatial Pattern Characterization. Lecture Notes in Geoinformation and Cartography, 2014, , 35-48.	0.5	6
24	Manifestation of Remote Sensing Data in Modeling Urban Sprawl Using the SLEUTH Model and Brute Force Calibration: A Case Study of Sanaâ€™a City, Yemen. Journal of the Indian Society of Remote Sensing, 2013, 41, 405-416.	1.2	21
25	Landslide susceptibility mapping using certainty factor, index of entropy and logistic regression models in GIS and their comparison at Muglingâ€“Narayanghat road section in Nepal Himalaya. Natural Hazards, 2013, 65, 135-165.	1.6	559
26	Prediction of slope failures using bivariate statistical based index of entropy model. , 2012, , .		9
27	Application of an evidential belief function model in landslide susceptibility mapping. Computers and Geosciences, 2012, 44, 120-135.	2.0	297