

Tarig A Ali

List of Publications by Year in descending order

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papers

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840776

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Land subsidence and sinkholes susceptibility mapping and analysis using random forest and frequency ratio models in Al Ain, UAE. <i>Geocarto International</i> , 2022, 37, 315-331.	3.5	24
2	Hydrological modeling of Ar Rub Al Khali, Arabian Peninsula: a modified remote sensing approach based on the weight of hydrological evidence. <i>Geocarto International</i> , 2022, 37, 6251-6271.	3.5	5
3	Geographic Information System-Based Seismic Risk Assessment for Dubai, UAE: A Step toward Resilience and Preparedness. <i>Practice Periodical on Structural Design and Construction</i> , 2022, 27, .	1.3	7
4	Span Statistics and Their Impacts on PolSAR Applications. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	3.1	6
5	Evaluation of the Factors Impacting the Water Pipe Leak Detection Ability of GPR, Infrared Cameras, and Spectrometers under Controlled Conditions. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1683.	2.5	7
6	Ammonium nitrate explosion at the main port in Beirut (Lebanon) and air pollution: an analysis of the spatiotemporal distribution of nitrogen dioxide. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2022, 7, 21-27.	1.3	3
7	Monitoring Changes and Soil Characterization in Mangrove Forests of the United Arab Emirates Using the Canonical Correlation Forest Model by Multitemporal of Landsat Data. <i>Frontiers in Remote Sensing</i> , 2022, 3, .	3.5	5
8	Effects of Spatial Filtering on PolSAR Parameter Estimation. , 2022, , .		1
9	Automated detection of lineaments express geological linear features of a tropical region using topographic fabric grain algorithm and the SRTM DEM. <i>Geocarto International</i> , 2021, 36, 76-95.	3.5	10
10	Non-Destructive Water Leak Detection Using Multitemporal Infrared Thermography. <i>IEEE Access</i> , 2021, 9, 72556-72567.	4.2	11
11	Polarimetric SAR Image Filtering by Infinite Number of Looks Prediction Technique. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 4167-4184.	4.9	5
12	GIS-based vulnerability analysis of the United States to COVID-19 occurrence. <i>Journal of Risk Research</i> , 2021, 24, 416-431.	2.6	13
13	SAR Speckle Filtering Using Hybrid NonLocal Sigma Filter. , 2021, , .		4
14	Regional Mapping of Groundwater Potential in Ar Rub Al Khali, Arabian Peninsula Using the Classification and Regression Trees Model. <i>Remote Sensing</i> , 2021, 13, 2300.	4.0	20
15	On the Use of Span Image in PolSAR Speckle Filtering. , 2021, , .		0
16	Seismic risk quantification and GIS-based seismic risk maps for Dubai-UAE_Dataset. <i>Data in Brief</i> , 2021, 39, 107566.	1.0	3
17	Polarimetric SAR Data Adaptive Filtering. <i>Encyclopedia of Earth Sciences Series</i> , 2021, , 1-5.	0.1	0
18	Performance analysis of multi-GNSS static and RTK techniques in estimating height differences. <i>International Journal of Digital Earth</i> , 2020, 13, 586-601.	3.9	4

#	ARTICLE	IF	CITATIONS
19	Evaluation of microplastics in beach sediments along the coast of Dubai, UAE. Marine Pollution Bulletin, 2020, 150, 110739.	5.0	67
20	Towards Monitoring of Nutrient Pollution in Coastal Lake Using Remote Sensing and Regression Analysis. Water (Switzerland), 2020, 12, 1954.	2.7	5
21	Topographically and hydrologically signatures express subsurface geological structures in an arid region: a modified integrated approach using remote sensing and GIS. Geocarto International, 2020, , 1-21.	3.5	5
22	Flash Flood Susceptibility Modeling and Magnitude Index Using Machine Learning and Geohydrological Models: A Modified Hybrid Approach. Remote Sensing, 2020, 12, 2695.	4.0	29
23	Remote Thermal Water Leakage Sensor With a Laser Communication System. IEEE Access, 2020, 8, 163784-163796.	4.2	4
24	Improving Resiliency of Water Supply System in Arid Regions: Integrating Centrality and Hydraulic Vulnerability. Journal of Management in Engineering - ASCE, 2020, 36, .	4.8	16
25	Land Use/Land Cover Changes Impact on Groundwater Level and Quality in the Northern Part of the United Arab Emirates. Remote Sensing, 2020, 12, 1715.	4.0	38
26	Spatiotemporal Mapping and Monitoring of Mangrove Forests Changes From 1990 to 2019 in the Northern Emirates, UAE Using Random Forest, Kernel Logistic Regression and Naive Bayes Tree Models. Frontiers in Environmental Science, 2020, 8, .	3.3	38
27	Enhancement of SAR Speckle Denoising Using the Improved Iterative Filter. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 859-871.	4.9	15
28	Communication Network for Ultrasonic Acoustic Water Leakage Detectors. IEEE Access, 2020, 8, 29954-29964.	4.2	16
29	Polarimetric SAR Speckle Reduction by Hybrid Iterative Filtering. IEEE Access, 2020, 8, 89603-89616.	4.2	12
30	Assessment of Cryosat-2 and SARAL/AltiKa altimetry for measuring inland water and coastal sea level variations: A case study on Tibetan Plateau lake and Taiwan Coast. Marine Geodesy, 2019, 42, 327-343.	2.0	13
31	Impacts of Water Quality on the Spatiotemporal Susceptibility of Water Distribution Systems. Clean - Soil, Air, Water, 2019, 47, 1800247.	1.1	11
32	Changes in the wetland vegetation growth patterns in large lakes on the Yangtze Plain. International Journal of Remote Sensing, 2019, 40, 4290-4301.	2.9	3
33	Detection of Leaks in Water Distribution System using Non-Destructive Techniques. IOP Conference Series: Earth and Environmental Science, 2018, 150, 012004.	0.3	5
34	A GIS-based spatiotemporal study of the variability of water quality in the Dubai Creek, UAE. Water Quality Research Journal of Canada, 2016, 51, 219-232.	2.7	6
35	GIS-based Study on the Susceptibility of Dubai Creek (UAE) to Eutrophication. Polish Journal of Environmental Studies, 2016, 25, 2275-2282.	1.2	6
36	Study the variability of water quality in a large distribution network. World Sustainable Development Outlook, 2016, , 385-394.	0.0	2

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37	Study of Water Quality in Dubai Creek Using DubaiSat-1 Multispectral Imagery. Communications in Computer and Information Science, 2013, , 200-210.	0.5	3
38	Development of a Seamless Topographic / Bathymetric Digital Terrain Model for Tampa Bay, Florida. Photogrammetric Engineering and Remote Sensing, 2011, 77, 1249-1256.	0.6	16
39	Building of robust multi-scale representations of LiDAR-based digital terrain model based on scale-space theory. Optics and Lasers in Engineering, 2010, 48, 316-319.	3.8	4
40	A novel computational paradigm for creating a Triangular Irregular Network (TIN) from LiDAR data. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, e624-e629.	1.1	16
41	Municipal wastewater treatment using different coagulants. , 0, 179, 1-7.		2