

Mohamed Elhag

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57
papers

537
citations

12
h-index

21
g-index

100
ext. papers

678
ext. citations

2.4
avg, IF

4.91
L-index

#	Paper	IF	Citations
57	Spatiotemporal analysis of the annual rainfall in the Kingdom of Saudi Arabia: predictions to 2030 with different confidence levels. <i>Theoretical and Applied Climatology</i> , 2021 , 146, 1479	3	0
56	Time series analysis of remotely sensed water quality parameters in arid environments, Saudi Arabia. <i>Environment, Development and Sustainability</i> , 2021 , 23, 1392-1410	4.5	4
55	Volumetric Quantification of Flash Flood Using Microwave Data on a Watershed Scale in Arid Environments, Saudi Arabia. <i>Sustainability</i> , 2021 , 13, 4115	3.6	2
54	Impact of Hijlan Creek springs on water quality of the Euphrates River and the hydrochemical characterization of the contamination plumes. <i>Environmental Earth Sciences</i> , 2021 , 80, 1	2.9	
53	The Canadian versus the National Forest Fire Danger Rating Systems tested in Mediterranean forests fire Crete, Greece. <i>Environment, Development and Sustainability</i> , 2021 , 23, 4973-4983	4.5	3
52	A comparative study of the estimation methods for NRCS curve number of natural arid basins and the impact on flash flood predications. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1	1.8	9
51	Microwave versus Optical Remote Sensing Data in Urban Footprint Mapping of the Coastal City of Jeddah, Saudi Arabia 2021 , 49, 2451		1
50	Insights of remote sensing data to surmount rainfall/runoff data limitations of the downstream catchment of Pineios River, Greece. <i>Environmental Earth Sciences</i> , 2021 , 80, 1	2.9	4
49	Input/output inconsistencies of daily evapotranspiration conducted empirically using remote sensing data in arid environments. <i>Open Geosciences</i> , 2021 , 13, 321-334	1.3	1
48	Consideration of hyperspectral data in intraspecific variation (spectrotaxonomy) in <i>Prosopis juliflora</i> (Sw.) DC, Saudi Arabia. <i>Open Geosciences</i> , 2021 , 13, 280-292	1.3	
47	Forest cover assessment using remote-sensing techniques in Crete Island, Greece. <i>Open Geosciences</i> , 2021 , 13, 345-358	1.3	2
46	Quantification of Soil Losses along the Coastal Protected Areas in Kenya. <i>Land</i> , 2020 , 9, 137	3.5	12
45	UPPER EOCENE CALCAREOUS NANNOFOSSIL BIOSTRATIGRAPHY: A NEW PRELIMINARY PRIABONIAN RECORD FROM NORTHERN SAUDI ARABIA. <i>Applied Ecology and Environmental Research</i> , 2020 , 18, 5607-5625	1.9	6
44	Calibration of the depth invariant algorithm to monitor the tidal action of Rabigh City at the Red Sea Coast, Saudi Arabia. <i>Open Geosciences</i> , 2020 , 12, 1666-1678	1.3	1
43	Evaluation of Optical Remote Sensing Data in Burned Areas Mapping of Thasos Island, Greece. <i>Earth Systems and Environment</i> , 2020 , 4, 813-826	7.5	6
42	Potential flood risk due to urbanization expansion in arid environments, Saudi Arabia. <i>Natural Hazards</i> , 2020 , 104, 795-809	3	12
41	Advanced remote sensing techniques in flash flood delineation in Tabuk City, Saudi Arabia. <i>Natural Hazards</i> , 2020 , 103, 3401-3413	3	8

40	Remote sensing of 10 years changes in the vegetation cover of the northwestern coastal land of Red Sea, Saudi Arabia. <i>Saudi Journal of Biological Sciences</i> , 2020 , 27, 3169-3179	4	19
39	Sedimentation mapping in shallow shoreline of arid environments using active remote sensing data. <i>Natural Hazards</i> , 2019 , 99, 879-894	3	7
38	Assessment of Water Quality Parameters Using Temporal Remote Sensing Spectral Reflectance in Arid Environments, Saudi Arabia. <i>Water (Switzerland)</i> , 2019 , 11, 556	3	43
37	Integration of remote sensing and geographic information systems for geological fault detection on the island of Crete, Greece. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2019 , 8, 45-54	1.5	8
36	EPM for Soil Loss Estimation in Different Geomorphologic Conditions and Data Conversion by Using GIS. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 221, 012079	0.3	4
35	Conceptual assessment of energy input-output analysis and data envelopment analysis of greenhouse crops in Crete Island, Greece. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 35377-35386	5.1	7
34	CONSIDERATION OF SEASONAL VARIATIONS OF WATER RADIOMETRIC INDICES FOR THE ESTIMATION OF SOIL MOISTURE CONTENT IN ARID ENVIRONMENT IN SAUDI ARABIA. <i>Applied Ecology and Environmental Research</i> , 2019 , 17, 285-303	1.9	5
33	Non-woven Textile Materials from Waste Fibers for Cleanup of Waters Polluted with Petroleum and Oil Products. <i>Earth Systems and Environment</i> , 2018 , 2, 413-420	7.5	6
32	Phytoplankton Composition and Water Quality of Kamil AbduLagoon (Tuzla Lake), Istanbul-Turkey. <i>Water (Switzerland)</i> , 2018 , 10, 603	3	1
31	POST-FIRE FUEL AND VEGETATION DYNAMICS IN AN UNGRAZED PHYRGANIC COMMUNITY OF CRETE, GREECE. <i>Applied Ecology and Environmental Research</i> , 2018 , 16, 3289-3303	1.9	4
30	EVALUATION OF ALOE VERA L. AS PHYTOREMEDIATOR OF HEAVY METALS CONTAMINATED SOILS IN ARID ENVIRONMENTS. <i>Applied Ecology and Environmental Research</i> , 2018 , 16, 6033-6045	1.9	3
29	Consideration of NDVI thematic changes in density analysis and floristic composition of Wadi Yalamlam, Saudi Arabia. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2018 , 7, 297-306	1.5	8
28	Efficiency concept under stochastic consideration of water value in irrigated agricultural land in Crete, Greece. <i>Water Science and Technology: Water Supply</i> , 2017 , 17, 1185-1192	1.4	3
27	Understanding of the Geomorphological Elements in Discrimination of Typical Mediterranean Land Cover Types. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 95, 042041	0.3	1
26	Realization of daily evapotranspiration in arid ecosystems based on remote sensing techniques. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2017 , 6, 141-147	1.5	6
25	Understanding of Morphometric Features for an Adequate Water Resources Management in Arid Environments 2017 ,		1
24	Understanding of morphometric features for adequate water resource management in arid environments. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2017 , 6, 293-300	1.5	6
23	Consideration of Landsat-8 Spectral Band Combination in Typical Mediterranean Forest Classification in Halkidiki, Greece. <i>Open Geosciences</i> , 2017 , 9, 468-479	1.3	11

22	Stream network pollution by olive oil wastewater risk assessment in Crete, Greece. <i>Environmental Earth Sciences</i> , 2017 , 76, 1	2.9	13
21	Soil salinity mapping and hydrological drought indices assessment in arid environments based on remote sensing techniques. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2017 , 6, 149-158	1.5	24
20	Inconsistencies of SEBS Model Output Based on the Model Inputs: Global Sensitivity Contemplations 2016 , 44, 435-442		4
19	Consideration of geo-statistical analysis in soil pollution assessment caused by leachate breakout in the municipality of Thermi, Greece. <i>Desalination and Water Treatment</i> , 2016 , 1-11		3
18	Realization of Daily Evapotranspiration in Arid Ecosystems Based on Remote Sensing Techniques 2016 ,		1
17	Soil Salinity Mapping and Hydrological Drought Indices Assessment in Arid Environments Based on Remote Sensing Techniques 2016 ,		1
16	Evaluation of Different Soil Salinity Mapping Using Remote Sensing Techniques in Arid Ecosystems, Saudi Arabia. <i>Journal of Sensors</i> , 2016 , 2016, 1-8	2	67
15	Soil Erosion Estimation Using Remote Sensing Techniques in Wadi Yalamlam Basin, Saudi Arabia. <i>Advances in Materials Science and Engineering</i> , 2016 , 2016, 1-8	1.5	25
14	Mediterranean Land Use and Land Cover Classification Assessment Using High Spatial Resolution Data. <i>IOP Conference Series: Earth and Environmental Science</i> , 2016 , 44, 042032	0.3	6
13	Characterization of a Typical Mediterranean Watershed Using Remote Sensing Techniques and GIS Tools. <i>Hydrology Current Research</i> , 2015 , 06,		2
12	Population demography and global sensitivity analysis of <i>Avicennia marina</i> on the eastern and western coasts of Saudi Arabia. <i>Koedoe</i> , 2015 , 57,	1.1	6
11	Olive Mill Waste Water Hazard Evaluation Reliant on GIS Approach in Chania, Greece. <i>Procedia Earth and Planetary Science</i> , 2015 , 15, 428-434		1
10	Sensitivity analysis assessment of remotely based vegetation indices to improve water resources management. <i>Environment, Development and Sustainability</i> , 2014 , 16, 1209-1222	4.5	11
9	Conservational use of remote sensing techniques for a novel rainwater harvesting in arid environment. <i>Environmental Earth Sciences</i> , 2014 , 72, 4995-5005	2.9	18
8	Potential rainwater harvesting improvement using advanced remote sensing applications. <i>Scientific World Journal, The</i> , 2014 , 2014, 806959	2.2	5
7	Land use changes and its impacts on water resources in Nile Delta region using remote sensing techniques. <i>Environment, Development and Sustainability</i> , 2013 , 15, 1189-1204	4.5	31
6	Forecasting of Remotely Sensed Daily Evapotranspiration Data Over Nile Delta Region, Egypt. <i>Water Resources Management</i> , 2013 , 27, 4115-4130	3.7	32
5	Application of the Sebs Water Balance Model in Estimating Daily Evapotranspiration and Evaporative Fraction from Remote Sensing Data Over the Nile Delta. <i>Water Resources Management</i> , 2011 , 25, 2731-2742	3.7	57

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| 4 | Hydrology: Current Research. <i>Hydrology Current Research</i> , | 2 |
| 3 | Spatial assessment of landfill sites based on remote sensing and GIS techniques in Tagarades, Greece91, 396-401 | 2 |
| 2 | Consideration of phytoplankton composition and water quality of Anamur (Dragon) Creek, Turkey91, 386-394 | 3 |
| 1 | Deterioration of shallow coastal environments using synthetic aperture radar data194, 333-342 | 2 |