

Shereif H Mahmoud

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,038
citations

471061

17
h-index

610482

24
g-index

24
all docs

24
docs citations

24
times ranked

1065
citing authors

#	ARTICLE	IF	CITATIONS
1	A practical GIS-based hazard assessment framework for water quality in stormwater systems. <i>Journal of Cleaner Production</i> , 2020, 245, 118855.	4.6	14
2	Multidecadal variability in the Nile River basin hydroclimate controlled by ENSO and Indian Ocean dipole. <i>Science of the Total Environment</i> , 2020, 748, 141529.	3.9	8
3	Irrigation water management in arid regions of Middle East: Assessing spatio-temporal variation of actual evapotranspiration through remote sensing techniques and meteorological data. <i>Agricultural Water Management</i> , 2019, 212, 35-47.	2.4	47
4	Impact of anthropogenic climate change and human activities on environment and ecosystem services in arid regions. <i>Science of the Total Environment</i> , 2018, 633, 1329-1344.	3.9	126
5	Urbanization and climate change implications in flood risk management: Developing an efficient decision support system for flood susceptibility mapping. <i>Science of the Total Environment</i> , 2018, 636, 152-167.	3.9	139
6	Multi-criteria approach to develop flood susceptibility maps in arid regions of Middle East. <i>Journal of Cleaner Production</i> , 2018, 196, 216-229.	4.6	135
7	Long-term impact of rapid urbanization on urban climate and human thermal comfort in hot-arid environment. <i>Building and Environment</i> , 2018, 142, 83-100.	3.0	41
8	Surface energy balance algorithm for land-based consumption water use of different land use-cover types in arid-semiarid regions. <i>Water Science and Technology: Water Supply</i> , 2016, 16, 1497-1513.	1.0	2
9	A coupled remote sensing and the Surface Energy Balance based algorithms to estimate actual evapotranspiration over the western and southern regions of Saudi Arabia. <i>Journal of Asian Earth Sciences</i> , 2016, 124, 269-283.	1.0	27
10	Land cover change dynamics mapping and predictions using EO data and a GIS-cellular automata model: the case of Al-Baha region, Kingdom of Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	5
11	Observations, projections and impacts of climate change on water resources in Arabian Peninsula: current and future scenarios. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	24
12	Towards a sustainable capital city: an approach for flood management and artificial recharge in naturally water-scarce regions, Central Region of Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	6
13	Integrated remote sensing and GIS-based approach for deciphering groundwater potential zones in the central region of Saudi Arabia. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	43
14	Rainwater harvesting for the management of agricultural droughts in arid and semi-arid regions. <i>Paddy and Water Environment</i> , 2016, 14, 231-246.	1.0	28
15	Delineation of potential sites for rainwater harvesting structures using a geographic information system-based decision support system. <i>Hydrology Research</i> , 2015, 46, 591-606.	1.1	17
16	Hydrological Response to Land Cover Changes and Human Activities in Arid Regions Using a Geographic Information System and Remote Sensing. <i>PLoS ONE</i> , 2015, 10, e0125805.	1.1	39
17	Monitoring prospective sites for rainwater harvesting and stormwater management in the United Kingdom using a GIS-based decision support system. <i>Environmental Earth Sciences</i> , 2015, 73, 8621-8638.	1.3	34
18	Geomorphological and geophysical information system analysis of major rainwater-harvesting basins in Al-Baha region, Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2015, 8, 9959-9971.	0.6	5

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19	GIS methods for sustainable stormwater harvesting and storage using remote sensing for land cover data - location assessment. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 598.	1.3	20
20	The potential of in situ rainwater harvesting in arid regions: developing a methodology to identify suitable areas using GIS-based decision support system. <i>Arabian Journal of Geosciences</i> , 2015, 8, 5167-5179.	0.6	63
21	Identification of Potential Sites for Groundwater Recharge Using a GIS-Based Decision Support System in Jazan Region-Saudi Arabia. <i>Water Resources Management</i> , 2014, 28, 3319-3340.	1.9	63
22	Determination of potential runoff coefficient for Al-Baha Region, Saudi Arabia using GIS. <i>Arabian Journal of Geosciences</i> , 2014, 7, 2041-2057.	0.6	35
23	Delineation of potential sites for groundwater recharge using a GIS-based decision support system. <i>Environmental Earth Sciences</i> , 2014, 72, 3429-3442.	1.3	54
24	Investigation of rainfall-runoff modeling for Egypt by using remote sensing and GIS integration. <i>Catena</i> , 2014, 120, 111-121.	2.2	63