Shereif H Mahmoud

List of Publications by Year
in descending order

24 papers	1,038 citations	471509 17 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	1065 citing authors

#	Article	IF	Citations
1	Urbanization and climate change implications in flood risk management: Developing an efficient decision support system for flood susceptibility mapping. Science of the Total Environment, 2018, 636, 152-167.	8.0	139
2	Multi-criteria approach to develop flood susceptibility maps in arid regions of Middle East. Journal of Cleaner Production, 2018, 196, 216-229.	9.3	135
3	Impact of anthropogenic climate change and human activities on environment and ecosystem services in arid regions. Science of the Total Environment, 2018, 633, 1329-1344.	8.0	126
4	Identification of Potential Sites for Groundwater Recharge Using a GIS-Based Decision Support System in Jazan Region-Saudi Arabia. Water Resources Management, 2014, 28, 3319-3340.	3.9	63
5	Investigation of rainfallâ€"runoff modeling for Egypt by using remote sensing and GIS integration. Catena, 2014, 120, 111-121.	5.0	63
6	The potential of in situ rainwater harvesting in arid regions: developing a methodology to identify suitable areas using GIS-based decision support system. Arabian Journal of Geosciences, 2015, 8, 5167-5179.	1.3	63
7	Delineation of potential sites for groundwater recharge using a GIS-based decision support system. Environmental Earth Sciences, 2014, 72, 3429-3442.	2.7	54
8	Irrigation water management in arid regions of Middle East: Assessing spatio-temporal variation of actual evapotranspiration through remote sensing techniques and meteorological data. Agricultural Water Management, 2019, 212, 35-47.	5.6	47
9	Integrated remote sensing and GISâ€based approach for deciphering groundwater potential zones in the central region of Saudi Arabia. Environmental Earth Sciences, 2016, 75, 1.	2.7	43
10	Long-term impact of rapid urbanization on urban climate and human thermal comfort in hot-arid environment. Building and Environment, 2018, 142, 83-100.	6.9	41
11	Hydrological Response to Land Cover Changes and Human Activities in Arid Regions Using a Geographic Information System and Remote Sensing. PLoS ONE, 2015, 10, e0125805.	2.5	39
12	Determination of potential runoff coefficient for Al-Baha Region, Saudi Arabia using GIS. Arabian Journal of Geosciences, 2014, 7, 2041-2057.	1.3	35
13	Monitoring prospective sites for rainwater harvesting and stormwater management in the United Kingdom using a GIS-based decision support system. Environmental Earth Sciences, 2015, 73, 8621-8638.	2.7	34
14	Rainwater harvesting for the management of agricultural droughts in arid and semi-arid regions. Paddy and Water Environment, 2016, 14, 231-246.	1.8	28
15	A coupled remote sensing and the Surface Energy Balance based algorithms to estimate actual evapotranspiration over the western and southern regions of Saudi Arabia. Journal of Asian Earth Sciences, 2016, 124, 269-283.	2.3	27
16	Observations, projections and impacts of climate change on water resources in Arabian Peninsula: current and future scenarios. Environmental Earth Sciences, 2016, 75, 1.	2.7	24
17	GIS methods for sustainable stormwater harvesting and storage using remote sensing for land cover data - location assessment. Environmental Monitoring and Assessment, 2015, 187, 598.	2.7	20
18	Delineation of potential sites for rainwater harvesting structures using a geographic information system-based decision support system. Hydrology Research, 2015, 46, 591-606.	2.7	17

#	Article	IF	Citations
19	A practical GIS-based hazard assessment framework for water quality in stormwater systems. Journal of Cleaner Production, 2020, 245, 118855.	9.3	14
20	Multidecadal variability in the Nile River basin hydroclimate controlled by ENSO and Indian Ocean dipole. Science of the Total Environment, 2020, 748, 141529.	8.0	8
21	Towards a sustainable capital city: an approach for flood management and artificial recharge in naturally water-scarce regions, Central Region of Saudi Arabia. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	6
22	Geomorphological and geophysical information system analysis of major rainwater-harvesting basins in Al-Baha region, Saudi Arabia. Arabian Journal of Geosciences, 2015, 8, 9959-9971.	1.3	5
23	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. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	5
24	Surface energy balance algorithm for land-based consumption water use of different land use-cover types in arid-semiarid regions. Water Science and Technology: Water Supply, 2016, 16, 1497-1513.	2.1	2