Mohamed E Hereher

List of Publications by Year
in descending order

54 papers	1,101 citations	361413 20 h-index	454955 30 g-index
55 all docs	55 docs citations	55 times ranked	1061 citing authors

#	Article	IF	Citations
1	Retrieval of monthly maximum and minimum air temperature using MODIS aqua land surface temperature data over the United Arab Emirates. Geocarto International, 2022, 37, 2996-3013.	3.5	14
2	Extrapolation of daily air temperatures of Egypt from MODIS LST data. Geocarto International, 2022, 37, 214-230.	3.5	7
3	Assessment of Land Degradation in Northern Oman Using Geospatial Techniques. Earth Systems and Environment, 2022, 6, 469-482.	6.2	12
4	Spatio-temporal variability of sea surface temperatures in the Red Sea and their implications on Saudi Arabia coral reefs. Geocarto International, 2022, 37, 5636-5652.	3.5	4
5	Assessment of air pollution at Greater Cairo in relation to the spatial variability of surface urban heat island. Environmental Science and Pollution Research, 2022, 29, 21412-21425.	5.3	14
6	Remote sensing of vegetation prolonged drought at the salt playas of Hail â€“ Saudi Arabia. Egyptian Journal of Remote Sensing and Space Science, 2022, 25, 135-145.	2.0	1
7	Morphodynamic analysis due to sea-level rise at Port of Sultan Qaboos, Oman. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	1
8	Detection of rainstorm pattern in arid regions using MODIS NDVI time series analysis. Geocarto International, 2021, 36, 861-873.	3.5	4
9	Impact of COVID-19 lockdown upon the air quality and surface urban heat island intensity over the United Arab Emirates. Science of the Total Environment, 2021, 767, 144330.	8.0	62
10	Sedimentomorphic geodiversity in response to depositional environments: remote sensing application along the coastal plain between Ummlujj and Al-Wajh, Red Sea, Saudi Arabia. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	2
11	Petrography and heavy minerals analysis for recognition of the depositional history of the Wahiba Sand Sea, Sultanate of Oman. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	2
12	The impact of COVID-19 lockdowns on surface urban heat island changes and air-quality improvements across 21 major cities in the Middle East. Environmental Pollution, 2021, 288, 117802.	7.5	50
13	Monitoring Urban Heat Islands in Selected Cities of the Gulf Region Based on Nighttime MODIS LST Data (2003â€“2018). Advances in 21st Century Human Settlements, 2021, , 249-276.	0.4	3
14	Assessment of the optimized sanitary landfill sites in Muscat, Oman. Egyptian Journal of Remote Sensing and Space Science, 2020, 23, 355-362.	2.0	18
15	Assessment of the coastal vulnerability to sea level rise: Sultanate of Oman. Environmental Earth Sciences, 2020, 79, 1.	2.7	21
16	Exploring the potential of solar, tidal, and wind energy resources in Oman using an integrated climatic-socioeconomic approach. Renewable Energy, 2020, 161, 662-675.	8.9	35
17	Nocturnal Surface Urban Heat Island over Greater Cairo: Spatial Morphology, Temporal Trends and Links to Land-Atmosphere Influences. Remote Sensing, 2020, 12, 3889.	4.0	18
18	Formation of the Wahiba Sand Sea in the Sultanate of Oman: implications of change in wind energy. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	6

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19	Assessment of coastal sensitivity to non-eustatic sea level rise: a case study on Muscat coastâ€"Sultanate of Oman. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	8
20	Changing Urban Ecology a Challenge for Coastal Urban Resilience: A Study on Muscat. Environment and Urbanization ASIA, 2020, 11, 10-28.	1.8	8
21	Assessment of Infrastructure Vulnerability to Tsunamis upon the Coastal Zone of Oman Using GIS. Geosciences (Switzerland), 2020, 10, 175.	2.2	7
22	Assessment of Climate Change Impacts on Sea Surface Temperatures and Sea Level Riseâ€"The Arabian Gulf. Climate, 2020, 8, 50.	2.8	40
23	An Assessment of the Accuracy of MODIS Land Surface Temperature over Egypt Using Ground-Based Measurements. Remote Sensing, 2019, 11, 2369.	4.0	36
24	Estimation of monthly surface air temperatures from MODIS LST time series data: application to the deserts in the Sultanate of Oman. Environmental Monitoring and Assessment, 2019, 191, 592.	2.7	15
25	Daily temperature extremes over Egypt: Spatial patterns, temporal trends, and driving forces. Atmospheric Research, 2019, 226, 219-239.	4.1	39
26	Remote Sensing of Coastal Ecosystems Using Spectral Indices. , 2019, , .		3
27	Geomorphology and drift potential of major aeolian sand deposits in Egypt. Geomorphology, 2018, 304, 113-120.	2.6	22
28	Retrieving spatial variations of land surface temperatures from satellite dataâ€"Cairo region, Egypt. Geocarto International, 2017, 32, 556-568.	3.5	14
29	Effect of land use/cover change on land surface temperatures - The Nile Delta, Egypt. Journal of African Earth Sciences, 2017, 126, 75-83.	2.0	43
30	Effects of land use/cover change on regional land surface temperatures: severe warming from drying Toshka lakes, the Western Desert of Egypt. Natural Hazards, 2017, 88, 1789-1803.	3.4	20
31	Lithologic mapping of Aja granitic batholiths, Haâ€™il, Saudi Arabia, using remote sensing. Arabian Journal of Geosciences, 2017, 10, 1.	1.3	4
32	Recent trends of temperature and precipitation proxies in Saudi Arabia: implications for climate change. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	22
33	Time series trends of land surface temperatures in Egypt: a signal for global warming. Environmental Earth Sciences, 2016, 75, 1.	2.7	26
34	Synopsis of geo-environmental hazards in Hail region, Saudi Arabia using remote sensing. Environmental Earth Sciences, 2016, 75, 1.	2.7	5
35	Vulnerability assessment of the Saudi Arabian Red Sea coast to climate change. Environmental Earth Sciences, 2016, 75, 1.	2.7	22
36	The application of remote sensing data to diagnose soil degradation in the Dakhla depression â€" Western Desert, Egypt. Geocarto International, 2016, 31, 527-543.	3.5	10

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37	Assessment of South Sinai Coastal Vulnerability to Climate Change. Journal of Coastal Research, 2015, 316, 1469-1477.	0.3	9
38	Coastal vulnerability assessment for Egypt's Mediterranean coast. Geomatics, Natural Hazards and Risk, 2015, 6, 342-355.	4.3	40
39	Environmental monitoring and change assessment of Toshka lakes in southern Egypt using remote sensing. Environmental Earth Sciences, 2015, 73, 3623-3632.	2.7	23
40	Assessment of Egyptâ€™s Red Sea coastal sensitivity to climate change. Environmental Earth Sciences, 2015, 74, 2831-2843.	2.7	18
41	Assessing the dynamics of El-Rayan lakes, Egypt, using remote sensing techniques. Arabian Journal of Geosciences, 2015, 8, 1931-1938.	1.3	16
42	The Lake Manzala of Egypt: an ambiguous future. Environmental Earth Sciences, 2014, 72, 1801-1809.	2.7	14
43	Assessment of sand drift potential along the Nile Valley and Delta using climatic and satellite data. Applied Geography, 2014, 55, 39-47.	3.7	36
44	Surface area change detection of the Burullus Lagoon, North of the Nile Delta, Egypt, using water indices: A remote sensing approach. Egyptian Journal of Remote Sensing and Space Science, 2013, 16, 119-123.	2.0	81
45	The status of Egyptâ€™s agricultural lands using MODIS Aqua data. Egyptian Journal of Remote Sensing and Space Science, 2013, 16, 83-89.	2.0	20
46	Soil and water quality assessment along the Red Sea coast, Egypt. International Journal of Environmental Studies, 2012, 69, 65-77.	1.6	2
47	Analysis of urban growth at Cairo, Egypt using remote sensing and GIS. Natural Science, 2012, 04, 355-361.	0.4	17
48	Land Cover Classification of Hailâ€"Saudi Arabia Using Remote Sensing. International Journal of Geosciences, 2012, 03, 349-356.	0.6	23
49	Mapping coastal erosion at the Nile Delta western promontory using Landsat imagery. Environmental Earth Sciences, 2011, 64, 1117-1125.	2.7	42
50	Sand movement patterns in the Western Desert of Egypt: an environmental concern. Environmental Earth Sciences, 2010, 59, 1119-1127.	2.7	57
51	Vulnerability of the Nile Delta to sea level rise: an assessment using remote sensing. Geomatics, Natural Hazards and Risk, 2010, 1, 315-321.	4.3	57
52	Detecting temporal shoreline changes and erosion/accretion rates, using remote sensing, and their associated sediment characteristics along the coast of North Sinai, Egypt. Environmental Geology, 2009, 58, 1419.	1.2	25
53	Capacity assessment of the Qattara Depression: Egypt as a sink for the global sea level rise. Geocarto International, 0, , 1-9.	3.5	2
54	An Integrated Approach to Coastal Zone Management to Control Development and Ensure Sustainability in a Rapidly Increasing Coastal Urban Environment: The Sultanate of Oman. Environmental Justice, 0, , .	1.5	1