

Malik M Al-Wardy

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

296
citations

933447

10
h-index

888059

17
g-index

25
all docs

25
docs citations

25
times ranked

268
citing authors

#	ARTICLE	IF	CITATIONS
1	Wastewater and sludge management and research in Oman: An overview. Journal of the Air and Waste Management Association, 2017, 67, 267-278.	1.9	42
2	Pressure sensor placement in water distribution networks for leak detection using a hybrid information-entropy approach. Information Sciences, 2020, 516, 56-71.	6.9	34
3	The effect of municipal sewage sludge on the quality of soil and crops. International Journal of Recycling of Organic Waste in Agriculture, 2017, 6, 289-299.	2.0	29
4	Recent advancements on biochars enrichment with ammonium and nitrates from wastewaters: A critical review on benefits for environment and agriculture. Journal of Environmental Management, 2022, 305, 114368.	7.8	29
5	A multi-objective optimal allocation of treated wastewater in urban areas using leader-follower game. Journal of Cleaner Production, 2020, 267, 122189.	9.3	21
6	Assessment of the impact of climate change on coastal aquifers in Oman. Arabian Journal of Geosciences, 2018, 11, 1.	1.3	20
7	Using OCO-2 Satellite Data for Investigating the Variability of Atmospheric CO ₂ Concentration in Relationship with Precipitation, Relative Humidity, and Vegetation over Oman. Water (Switzerland), 2020, 12, 101.	2.7	18
8	Investigating the impact of monsoon season on the dispersion of pollutants emitted from vehicles: A case study of Salalah City, Sultanate of Oman. Transportation Research, Part D: Transport and Environment, 2018, 59, 108-120.	6.8	15
9	Progressive improvement of DRASTICA and SI models for groundwater vulnerability assessment based on evolutionary algorithms. Environmental Science and Pollution Research, 2022, 29, 55845-55865.	5.3	11
10	Chloride Versus Sulfate Salinity Effects on Alfalfa Shoot Growth and Ionic Balance. Soil Science Society of America Journal, 1999, 63, 111-116.	2.2	10
11	Effect of reclaimed water irrigation on yield attributes and chemical composition of wheat (Triticum) Tj ETQq1 1 0.784314 rgBT /Over 2.8 10	2.8	10
12	An emergency multi-objective compromise framework for reservoir operation under suddenly injected pollution. Journal of Hydrology, 2021, 598, 126242.	5.4	9
13	A study to investigate the key sources of odors in Al-Multaqa Village, Sultanate of Oman. Environmental Forensics, 2017, 18, 15-35.	2.6	8
14	Analysis of crops cultivation trend: a shifting scenario in a coastal Wilayat, Oman. Environment, Development and Sustainability, 2020, 22, 2685-2698.	5.0	8
15	Use of multispectral and thermal satellite imagery to determine crop water requirements using SEBAL, METRIC, and SWAP models in hot and hyper-arid Oman. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	8
16	Reservoir operation under accidental MTBE pollution: A graph-based conflict resolution framework considering spatial-temporal-quantitative uncertainties. Journal of Hydrology, 2022, 605, 127313.	5.4	8
17	Potential changes in the number of wet days and its effect on future intense and annual precipitation in northern Oman. Hydrology Research, 2018, 49, 237-250.	2.7	5
18	Modelling the trends of vehicle-emitted pollutants in Salalah, Sultanate of Oman, over a 10-year period. Stochastic Environmental Research and Risk Assessment, 2018, 32, 1355-1373.	4.0	4

#	ARTICLE	IF	CITATIONS
19	Impact of reclaimed water irrigation on soil salinity, hydraulic conductivity, cation exchange capacity and macro-nutrients. <i>Journal of Agricultural and Marine Sciences</i> , 0, 21, 7.	0.5	3
20	The application of Bayesian model averaging based on artificial intelligent models in estimating multiphase shock flood waves. <i>Neural Computing and Applications</i> , 0, , .	5.6	2
21	Design of a high-coverage ground-based CO2 monitoring layout using a novel information theory-based optimization model. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 150.	2.7	1
22	Satellite-Based Water and Energy Balance Model for the Arid Region to Determine Evapotranspiration: Development and Application. <i>Sustainability</i> , 2021, 13, 13111.	3.2	1
23	Oil and Chemical Spills. , 2019, , 750-757.		0
24	Spatiotemporal assessment of <i>Prosopis juliflora</i> invasion: linking invasion pattern to meteorological conditions. <i>Tropical Ecology</i> , 2021, 62, 197-208.	1.2	0
25	Organic-inorganic interactions in an aridsoil of Oman along vertical and lateral trends of the soluble major, trace and rare-earth elements. <i>Eurasian Journal of Soil Science</i> , 2019, 8, 364-377.	0.6	0