

Mustafa Al-Mukhtar

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

17
papers

215
citations

9
h-index

14
g-index

23
ext. papers

339
ext. citations

2.1
avg, IF

4.48
L-index

#	Paper	IF	Citations
17	Groundwater level prediction using machine learning models: A comprehensive review. <i>Neurocomputing</i> , 2022 , 489, 271-308	5.4	12
16	Modeling the monthly pan evaporation rates using artificial intelligence methods: a case study in Iraq. <i>Environmental Earth Sciences</i> , 2021 , 80, 1	2.9	6
15	Prediction of lead (Pb) adsorption on attapulgate clay using the feasibility of data intelligence models. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 31670-31688	5.1	8
14	Modelling the IDF curves using the temporal stochastic disaggregation BLRP model for precipitation data in Najaf City. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1	1.8	0
13	Modeling of pan evaporation based on the development of machine learning methods. <i>Theoretical and Applied Climatology</i> , 2021 , 146, 961	3	2
12	Proposition of New Ensemble Data-Intelligence Models for Surface Water Quality Prediction. <i>IEEE Access</i> , 2021 , 9, 108527-108541	3.5	16
11	Modelling water quantity parameters using Artificial Intelligence techniques, A case study Abu-Ziriq Marsh in south of Iraq.. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 737, 012156	0.4	0
10	Modeling Water Quality Parameters Using Data-Driven Models, a Case Study Abu-Ziriq Marsh in South of Iraq. <i>Hydrology</i> , 2019 , 6, 24	2.8	34
9	Application of HEC-HMS Model for Flow Simulation in the Lake Tana Basin: The Case of Gilgel Abay Catchment, Upper Blue Nile Basin, Ethiopia. <i>Hydrology</i> , 2019 , 6, 21	2.8	35
8	Random forest, support vector machine, and neural networks to modelling suspended sediment in Tigris River-Baghdad. <i>Environmental Monitoring and Assessment</i> , 2019 , 191, 673	3.1	20
7	Future predictions of precipitation and temperature in Iraq using the statistical downscaling model. <i>Arabian Journal of Geosciences</i> , 2019 , 12, 1	1.8	16
6	Evaluation of different types of artificial intelligence methods to model the suspended sediment load in Tigris River. <i>MATEC Web of Conferences</i> , 2018 , 162, 03003	0.3	1
5	Derivation of suspended sediment data for Al-Adhiam watershed-Iraq using artificial neural network model. <i>MATEC Web of Conferences</i> , 2018 , 162, 03014	0.3	
4	Modelling the root zone soil moisture using artificial neural networks, a case study. <i>Environmental Earth Sciences</i> , 2016 , 75, 1	2.9	11
3	Runoff and sediment yield modeling by means of WEPP in the Bautzen dam catchment, Germany. <i>Environmental Earth Sciences</i> , 2014 , 72, 2051-2063	2.9	9
2	Assessing the Impacts of Climate Change on Hydrology of the Upper Reach of the Spree River: Germany. <i>Water Resources Management</i> , 2014 , 28, 2731-2749	3.7	31
1	Evaluation of the climate generator model CLIGEN for rainfall data simulation in Bautzen catchment area, Germany 2014 , 45, 615-630		11

