Mustafa Al-Mukhtar

List of Publications by Citations

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