

Mahmoud S Al-Khafaji

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

114
citations

1684188

5
h-index

1372567

10
g-index

27
all docs

27
docs citations

27
times ranked

103
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatiotemporal Evaluation of Eutrophication State in The Hammar Marsh Using A Satellite-Based Model. IOP Conference Series: Earth and Environmental Science, 2022, 961, 012064.	0.3	3
2	Hydrologic response of arid and semi-arid river basins in Iraq under a changing climate. Journal of Water and Climate Change, 2022, 13, 1225-1240.	2.9	5
3	Evaluation of drought indices correlation for drought frequency analysis of the Mosul dam watershed. IOP Conference Series: Earth and Environmental Science, 2021, 779, 012077.	0.3	4
4	Indices-Based Evaluation of Spatiotemporal Distribution of Drought Within Derbendkhan Dam Watershed. Engineering and Technology Journal, 2021, 39, 893-914.	0.7	1
5	Utilization of Satellite Images-Based Indices for Assessment of Al-Hammar Marsh Restoration plan. Engineering and Technology Journal, 2021, 39, 1328-1337.	0.7	4
6	CFD-Based Model for Estimating the River Bed Morphological Characteristics near Cylindrical Bridge Piers Due to Debris Accumulation. Water Resources, 2021, 48, 763-773.	0.9	0
7	Fuzzy - Based Multi - Criteria Decision Support System for Maintenance Management of Wastewater Treatment Plants. Civil and Environmental Engineering, 2021, 17, 654-672.	1.2	1
8	ANSYS-Based Structural Analysis Study of Elevated Spherical Tank Exposed to Earthquake. Engineering and Technology Journal, 2021, 39, 870-883.	0.7	2
9	Sensitivity of Irrigation Water Requirement to Climate Change in Arid and Semi-Arid Regions towards Sustainable Management of Water Resources. Sustainability, 2021, 13, 13608.	3.2	14
10	The Interactive Impact of Land Cover and DEM Resolution on the Accuracy of Computed Streamflow Using the SWAT Model. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	15
11	Experimental Investigation of the Debris Configurations Effects on the Scour Hole Morphology at Circular Bridge Piers. IOP Conference Series: Materials Science and Engineering, 2020, 737, 012157.	0.6	0
12	Scour Depth at Single Cylindrical Bridge Piers with Debris Jam: An Experimental Comparative Study.. IOP Conference Series: Materials Science and Engineering, 2020, 671, 012101.	0.6	1
13	Impact of Climate Change on the Spatiotemporal Distribution of Stream Flow and Sediment Yield of Darbandikhan Watershed, Iraq. Engineering and Technology Journal, 2020, 38, 265-276.	0.7	4
14	Empirical Formulas to Predict the Maximum Scour Depth With Debris Accumulation Around A Single Cylindrical Bridge Pier: An Experimental Study. Engineering and Technology Journal, 2020, 38, 1790-1800.	0.7	1
15	Assessment and Mitigation of Streamflow and Sediment Yield under Climate Change Conditions in Diyala River Basin, Iraq. Hydrology, 2019, 6, 63.	3.0	9
16	Deterministic Methodology for Determining the Optimal Sampling Frequency of Water Quality Monitoring Systems. Hydrology, 2019, 6, 94.	3.0	1
17	Fuzzy Multicriteria Decision-Making Model for Maintenance Management of Irrigation Projects. Journal of Irrigation and Drainage Engineering - ASCE, 2019, 145, .	1.0	4
18	Removal of Some Heavy Metals from Industrial Wastewater by Lemnna Minor. KSCE Journal of Civil Engineering, 2018, 22, 1077-1082.	1.9	26

#	ARTICLE	IF	CITATIONS
19	Possibility of reusing Al-Machraya River for feeding Hawizeh marsh. MATEC Web of Conferences, 2018, 162, 03004.	0.2	2
20	Derivation of suspended sediment data for Al-Adhiam watershed-Iraq using artificial neural network model. MATEC Web of Conferences, 2018, 162, 03014.	0.2	0
21	Removing chromium and lead metals using phytoremediation technique. MATEC Web of Conferences, 2018, 162, 05004.	0.2	3
22	Effect of DEM and Land Cover Resolutions on Simulated Runoff of Adhaim Watershed by SWAT Model. Engineering and Technology Journal, 2018, 36, 439-448.	0.7	6
23	A Deterministic Algorithm for Determination of Optimal Water Quality Monitoring Stations. Water Resources Management, 2017, 31, 3575-3592.	3.9	3
24	Wireless Sensor Network structure for Ground water Well's Field in Karbala City. International Journal of Computer Applications, 2017, 159, 5-8.	0.2	0