

Mahmoud S Al-Khafaji

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9168738/publications.pdf>

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	Removal of Some Heavy Metals from Industrial Wastewater by Lemna Minor. KSCE Journal of Civil Engineering, 2018, 22, 1077-1082.	1.9	26
2	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
3	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
4	Assessment and Mitigation of Streamflow and Sediment Yield under Climate Change Conditions in Diyala River Basin, Iraq. Hydrology, 2019, 6, 63.	3.0	9
5	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
6	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
7	Fuzzy Multicriteria Decision-Making Model for Maintenance Management of Irrigation Projects. Journal of Irrigation and Drainage Engineering - ASCE, 2019, 145, .	1.0	4
8	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
9	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
10	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
11	A Deterministic Algorithm for Determination of Optimal Water Quality Monitoring Stations. Water Resources Management, 2017, 31, 3575-3592.	3.9	3
12	Removing chromium and lead metals using phytoremediation technique. MATEC Web of Conferences, 2018, 162, 05004.	0.2	3
13	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
14	Possibility of reusing Al-Machraya River for feeding Hawizeh marsh. MATEC Web of Conferences, 2018, 162, 03004.	0.2	2
15	ANSYS-Based Structural Analysis Study of Elevated Spherical Tank Exposed to Earthquake. Engineering and Technology Journal, 2021, 39, 870-883.	0.7	2
16	Deterministic Methodology for Determining the Optimal Sampling Frequency of Water Quality Monitoring Systems. Hydrology, 2019, 6, 94.	3.0	1
17	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
18	Indices-Based Evaluation of Spatiotemporal Distribution of Drought Within Derbendkhan Dam Watershed. Engineering and Technology Journal, 2021, 39, 893-914.	0.7	1

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	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
24	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