

Arash Adib

List of Publications by Year in Descending Order

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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.

41
papers

240
citations

8
h-index

13
g-index

45
ext. papers

363
ext. citations

2
avg. IF

3.99
L-index

#	Paper	IF	Citations
41	Investigation of a composite two-phase hedging rule policy for a multi reservoir system using streamflow forecast. <i>Agricultural Water Management</i> , 2022 , 265, 107542	5.9	0
40	Evaluating ability of three types of discrete wavelet transforms for improving performance of different ML models in estimation of daily-suspended sediment load. <i>Arabian Journal of Geosciences</i> , 2022 , 15, 1	1.8	0
39	Drought monitoring and prediction using SPI, SPEI, and random forest model in various climates of Iran. <i>Journal of Water and Climate Change</i> , 2022 , 13, 383-406	2.3	4
38	Calibration of seasonal transfer equation (ZB) by data of Doppler weather radar, rainfall gauging station and genetic algorithm method in the Abolabbas watershed (in southwest of Iran). <i>Water Science and Technology: Water Supply</i> , 2021 , 21, 567-580	1.4	
37	Investigation of Forecast Accuracy and its Impact on the Efficiency of Data-Driven Forecast-Based Reservoir Operating Rules. <i>Water (Switzerland)</i> , 2021 , 13, 2737	3	0
36	A new approach for suspended sediment load calculation based on generated flow discharge considering climate change. <i>Water Science and Technology: Water Supply</i> , 2021 , 21, 2400-2413	1.4	5
35	GEP prediction of the cracking zones in earthfill dams. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1	1.8	3
34	A Rigorous Wavelet-Packet Transform to Retrieve Snow Depth from SSMIS Data and Evaluation of its Reliability by Uncertainty Parameters. <i>Water Resources Management</i> , 2021 , 35, 2723-2740	3.7	1
33	Using of gene expression programming method for prediction of daily components of tidal cycle in tidal rivers. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1	1.8	1
32	Simulation of the impact of climate change on runoff and drought in an arid and semiarid basin (the Hablehroud, Iran). <i>Applied Water Science</i> , 2021 , 11, 1	5	0
31	On the reliability of a novel MODWT-based hybrid ARIMA-artificial intelligence approach to forecast daily Snow Depth (Case study: The western part of the Rocky Mountains in the U.S.A). <i>Cold Regions Science and Technology</i> , 2021 , 189, 103342	3.8	2
30	Applying wavelet transformation and artificial neural networks to develop forecasting-based reservoir operating rule curves. <i>Hydrological Sciences Journal</i> , 2020 , 65, 2007-2021	3.5	7
29	Snow depth retrieval from passive microwave imagery using different artificial neural networks. <i>Arabian Journal of Geosciences</i> , 2020 , 13, 1	1.8	2
28	Ranking of hybrid wavelet-AI models by TOPSIS method for estimation of daily flow discharge. <i>Water Science and Technology: Water Supply</i> , 2020 , 20, 3156-3171	1.4	6
27	Recognizing of the best different artificial intelligence method for determination of local scour depth around group piers in equilibrium time. <i>Arabian Journal of Geosciences</i> , 2020 , 13, 1	1.8	4
26	Merge L-Moment Method, Regional Frequency Analysis and SDI for Monitoring and Zoning Map of Short-Term and Long-Term Hydrologic Droughts in the Khuzestan Province of Iran. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2020 , 1	1.1	3
25	Using uncertainty and sensitivity analysis for finding the best rainfall-runoff model in mountainous watersheds (Case study: the Navrood watershed in Iran). <i>Journal of Mountain Science</i> , 2019 , 16, 529-541	2.1	11

24	Meteorological drought monitoring and preparation of long-term and short-term drought zoning maps using regional frequency analysis and L-moment in the Khuzestan province of Iran. <i>Theoretical and Applied Climatology</i> , 2019 , 137, 77-87	3	8
23	Application of Fluvial-12 model for calculation of maximum deformation in cross sections of tidal rivers (the Karun River in Iran). <i>Acta Scientiarum - Technology</i> , 2019 , 41, 39539	0.5	0
22	Relationship Between Hydrologic and Metrological Droughts Using the Streamflow Drought Indices and Standardized Precipitation Indices in the Dez Watershed of Iran. <i>International Journal of Civil Engineering</i> , 2019 , 17, 1171-1181	1.9	6
21	Comparison between results of solution of Burgers's equation and Laplace's equation by Galerkin and least-square finite element methods. <i>Applied Water Science</i> , 2018 , 8, 1	5	
20	Prediction of meteorological and hydrological phenomena by different climatic scenarios in the Karkheh watershed (south west of Iran). <i>Scientia Iranica</i> , 2018 , 0-0	1.5	5
19	Diagnosis of Erodible Locations in River Bends Using a Combined Method (GIS, RS and the CCHE2D Model) (Case Study: The Karkheh River in Iran). <i>Slovak Journal of Civil Engineering</i> , 2018 , 26, 78-88	0.9	1
18	Leakage detection and calibration of pipe networks by the inverse transient analysis modified by Gaussian functions for leakage simulation 2018 , 67, 404-413		10
17	Optimization of multi-reservoir operation with a new hedging rule: application of fuzzy set theory and NSGA-II. <i>Applied Water Science</i> , 2017 , 7, 3075-3086	5	14
16	Prediction of suspended sediment load using ANN GA conjunction model with Markov chain approach at flood conditions. <i>KSCE Journal of Civil Engineering</i> , 2017 , 21, 447-457	1.9	38
15	Using of gene expression programming and climatic data for forecasting flow discharge by considering trend, normality, and stationarity analysis. <i>Arabian Journal of Geosciences</i> , 2017 , 10, 1	1.8	7
14	Methodology for the determination of trends for climatic and hydrometric parameters upstream of the Dez Dam. <i>Weather</i> , 2017 , 72, 280-286	0.9	2
13	Optimizing Multi-reservoir Operation: Hybrid of Bat Algorithm and Differential Evolution. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2016 , 142, 05015010	2.8	37
12	Optimization of Fuzzified Hedging Rules for Multipurpose and Multi-reservoir Systems. <i>Journal of Hydrologic Engineering - ASCE</i> , 2016 , 21, 05016003	1.8	15
11	Evaluation of fluvial flow effects on tidal characteristics of tidal rivers by artificial neural networks and genetic algorithm. <i>International Journal of Water</i> , 2016 , 10, 13	0.9	2
10	Role of construction of large dams on river morphology (case study: the Karkheh dam in Iran). <i>Arabian Journal of Geosciences</i> , 2016 , 9, 1	1.8	5
9	Interactive approach for determination of salinity concentration in tidal rivers (Case study: The Karun River in Iran). <i>Ain Shams Engineering Journal</i> , 2015 , 6, 785-793	4.4	8
8	Long-term streamflow forecasts by Adaptive Neuro-Fuzzy Inference System using satellite images and K-fold cross-validation (Case study: Dez, Iran). <i>KSCE Journal of Civil Engineering</i> , 2015 , 19, 2298-2306	1.9	13
7	Stochastic approach to determination of suspended sediment concentration in tidal rivers by artificial neural network and genetic algorithm. <i>Canadian Journal of Civil Engineering</i> , 2013 , 40, 299-312	1.3	11

6	Comparison between Generated Data by Different Markov Chain Methods in the Mola Sany Station of the Karun River in Iran. <i>Applied Mechanics and Materials</i> , 2011 , 147, 183-186	0.3	
5	Optimization of Released Water from the Dez Dam for Supply of Water Demands in the Downstream of Dam. <i>Applied Mechanics and Materials</i> , 2011 , 147, 187-190	0.3	1
4	Experimental Study on the Effect of Froude Number on Temporal Variation of Scour around a T Shaped Spur Dike in a 90 Degree Bend. <i>Applied Mechanics and Materials</i> , 2011 , 147, 75-79	0.3	4
3	Extraction of structural curves, regression relations and structural regression relations in the tidal limit of the Karun River. <i>Indian Journal of Science and Technology</i> , 2010 , 3, 530-536	1	3
2	Determination of Salinity Concentration in Tidal Rivers. <i>Journal of Applied Sciences</i> , 2008 , 8, 2585-2591	0.3	1
1	Introduction of a stochastic approach in the development of a numerical model for tidal fluvial interaction analysis and design. <i>Canadian Journal of Civil Engineering</i> , 2006 , 33, 1027-1038	1.3	