

Mohamad Reza Kavianpour

List of Publications by Year in descending order

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52
papers

1,368
citations

471509

17
h-index

345221

36
g-index

52
all docs

52
docs citations

52
times ranked

1659
citing authors

#	ARTICLE	IF	CITATIONS
1	A statistical framework to project wave climate and energy potential in the Caspian Sea: application of CMIP6 scenarios. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 2323-2336.	3.5	5
2	Performance Assessment of Shockwaves of Chute Spillways in Large Dams. <i>Shock and Vibration</i> , 2021, 2021, 1-17.	0.6	9
3	Hydrodynamic Performance and Cavitation Analysis in Bottom Outlets of Dam Using CFD Modelling. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-14.	0.7	19
4	Numerical Modeling of Depth and Location of Scour at Culvert Outlets under Unsteady Flow Conditions. <i>Journal of Pipeline Systems Engineering and Practice</i> , 2021, 12, .	1.6	10
5	Numerical Modeling of Failure Mechanisms in Articulated Concrete Block Mattress as a Sustainable Coastal Protection Structure. <i>Sustainability</i> , 2021, 13, 12794.	3.2	18
6	Spatial analysis of meteorological and hydrological drought characteristics using Copula model. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	2.7	7
7	Numerical Investigation of the Effect of CEDEX Profile on the Hydraulic Parameters in the Stepped Spillway and the Performance of This Profile in Various Chute Slopes. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2020, 44, 1247-1254.	1.9	1
8	A distributed wind downscaling technique for wave climate modeling under future scenarios. <i>Ocean Modelling</i> , 2020, 145, 101513.	2.4	12
9	Projection of spatiotemporal variability of wave power in the Persian Gulf by the end of 21st century: GCM and CORDEX ensemble. <i>Journal of Cleaner Production</i> , 2020, 256, 120400.	9.3	11
10	Performance of Hydrodynamics Flow on Flip Buckets Spillway for Flood Control in Large Dam Reservoirs. , 2020, 1, 39-47.		13
11	Experimental investigation of using geo-textile filter layer in articulated concrete block mattress revetment on coastal embankment. <i>Journal of Ocean Engineering and Marine Energy</i> , 2019, 5, 119-133.	1.7	18
12	A Weibull Distribution Based Technique for Downscaling of Climatic Wind Field. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2019, 55, 685-700.	2.3	11
13	Experimental and numerical analysis of the scour profile downstream of flip bucket with change in bed material size. <i>ISH Journal of Hydraulic Engineering</i> , 2019, 25, 188-202.	2.1	16
14	Evaluation and modeling scouring and sedimentation around downstream of large dams. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	33
15	Experimental investigation of pressure fluctuation on the bed of compound flip buckets. <i>ISH Journal of Hydraulic Engineering</i> , 2018, 24, 45-52.	2.1	14
16	Calibration of weather radar using region probability matching method (RPMM). <i>Theoretical and Applied Climatology</i> , 2018, 134, 165-176.	2.8	13
17	Wavelet-IANN model for predicting flow discharge up to several days and months ahead. <i>Journal of Hydroinformatics</i> , 2018, 20, 134-148.	2.4	12
18	Wave run-up and rundown on ACB Mats under granular and geotextile filtersâ€™ condition. <i>Marine Georesources and Geotechnology</i> , 2018, 36, 895-906.	2.1	14

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19	Numerical modeling of sediment scouring phenomenon around the offshore wind turbine pile in marine environment. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	31
20	Spatial and temporal analysis of drought based on a combined index using copula. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	26
21	Effect of river flow on the quality of estuarine and coastal waters using machine learning models. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2018, 12, 810-823.	3.1	113
22	A new species and new distribution records of <i>Zercon</i> C. L. Koch from Iran (Acari: Zerconidae). <i>Zoology in the Middle East</i> , 2018, 64, 363-370.	0.6	4
23	A new species of <i>Gaeolaelaps</i> Evans and Till (Mesostigmata: Laelapidae) from northwestern Iran with a key to the species with three-tined apotele. <i>International Journal of Acarology</i> , 2018, 44, 180-184.	0.7	2
24	Experimental analysis of breakwater stability with antifer concrete block. <i>Marine Georesources and Geotechnology</i> , 2017, 35, 426-434.	2.1	16
25	Prediction of longitudinal dispersion coefficient in natural rivers using a cluster-based Bayesian network. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	50
26	A quantitative evaluation of the 8 July 2009 Shamal dust storm. <i>Aeolian Research</i> , 2017, 24, 133-143.	2.7	42
27	Predicting longitudinal dispersion coefficient using ANN with metaheuristic training algorithms. <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 2399-2410.	3.5	28
28	Uncertainty analysis of radar rainfall estimates over two different climates in Iran. <i>International Journal of Remote Sensing</i> , 2017, 38, 5106-5126.	2.9	8
29	Experimental investigation of parameters affecting the stability of articulated concrete block mattress under wave attack. <i>Applied Ocean Research</i> , 2017, 64, 184-202.	4.1	21
30	A new approach for simulating and forecasting the rainfall-runoff process within the next two months. <i>Journal of Hydrology</i> , 2017, 548, 588-597.	5.4	91
31	The Effect of Aliased and De-aliased Formulation for DNS Analysis in Plane Poiseuille Flow. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2017, 41, 77-85.	1.9	0
32	Comprehensive evaluation of four high-resolution satellite precipitation products under diverse climate conditions in Iran. <i>Hydrological Sciences Journal</i> , 2016, 61, 420-440.	2.6	88
33	Pressure Distribution on the Bed of the Compound Flip Buckets. <i>Journal of Computational Multiphase Flows</i> , 2015, 7, 181-194.	0.8	11
34	Development of wavelet-ANN models to predict water quality parameters in Hilo Bay, Pacific Ocean. <i>Marine Pollution Bulletin</i> , 2015, 98, 171-178.	5.0	124
35	Numerical simulation of dust events in the Middle East. <i>Aeolian Research</i> , 2014, 13, 59-70.	2.7	49
36	Uncertainty analysis of bias from satellite rainfall estimates using copula method. <i>Atmospheric Research</i> , 2014, 137, 145-166.	4.1	59

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37	Synoptic analysis of dust storms in the Middle East. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2013, 49, 279-286.	2.3	177
38	Comparison of PERSIANN and V7 TRMM Multi-satellite Precipitation Analysis (TMPA) products with rain gauge data over Iran. <i>International Journal of Remote Sensing</i> , 2013, 34, 8156-8171.	2.9	158
39	Experimental Study of Sand Sediments Effects on Submerged Hydraulic Jump Properties. <i>Applied Mechanics and Materials</i> , 2012, 212-213, 366-371.	0.2	1
40	Intelligent Prediction of Turbulent Flow over Backward-Facing Step using Direct Numerical Simulation Data. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2012, 6, 490-503.	3.1	5
41	Air demand in gated tunnels – a Bayesian approach to merge various predictions. <i>Journal of Hydroinformatics</i> , 2012, 14, 152-166.	2.4	11
42	First record of Symphyla (Myriapoda) from Iran, with description of a new species in Scolopendrellopsis (Scolopendrellidae). <i>Zootaxa</i> , 2011, 3041, 66.	0.5	1
43	A comparison between artificial neural network method and nonlinear regression method to estimate the missing hydrometric data. <i>Journal of Hydroinformatics</i> , 2011, 13, 245-254.	2.4	6
44	Determination of homogeneous regions case study: South-East Urmia Lake Catchment, Iran. , 2010, , .		1
45	Estimation of missing annual discharge. , 2010, , .		0
46	Numerical Modeling of Flow Condition in a Bottom Outlet. , 2009, , 1817-1822.		1
47	Sheared and un-sheared segregation and settling behavior of fine sand particles in hyperconcentrated homogeneous sand-water mixture flows. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2008, 46, 105-111.	1.7	4
48	PRESSURE FLUCTUATIONS ON STILLING BASINS WITH NEGATIVE SLOPES. , 2002, , .		0
49	SPECTRAL ANALYSIS OF PRESSURE FLUCTUATIONS UNDER HYDRAULIC JUMPS. , 2002, , .		1
50	HYDRAULIC BEHAVIOR OF HOWELL BUNGER VALVES. , 2002, , .		0
51	Wall pressure field downstream of deflectors. Part 1: without aeration. <i>Proceedings of the Institution of Civil Engineers Water and Maritime Engineering</i> , 2000, 142, 79-86.	0.3	3
52	The Baffle Blocks Effects of Pressure Characteristics on USBR III Basin Floor. <i>Applied Mechanics and Materials</i> , 0, 212-213, 821-825.	0.2	0