Roghayeh Ghasempour

List of Publications by Year
in descending order

23	187	1163117 8	1199594 12
papers	citations	h-index	g-index

24	24	24	132
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Estimation of bedload discharge in sewer pipes with different boundary conditions using an evolutionary algorithm. International Journal of Sediment Research, 2017, 32, 564-574.	3.5	19
2	Prediction of non-cohesive sediment transport in circular channels in deposition and limit of deposition states using SVM. Water Science and Technology: Water Supply, 2017, 17, 537-551.	2.1	18
3	Evaluation of the impact of channel geometry and rough elements arrangement in hydraulic jump energy dissipation via SVM. Journal of Hydroinformatics, 2019, 21, 92-103.	2.4	17
4	Modeling total resistance and form resistance of movable bed channels via experimental data and a kernel-based approach. Journal of Hydroinformatics, 2020, 22, 528-540.	2.4	13
5	Evaluation of the parameters affecting the roughness coefficient of sewer pipes with rigid and loose boundary conditions via kernel based approaches. International Journal of Sediment Research, 2020, 35, 171-179.	3.5	12
6	A comparative study of wavelet and empirical mode decomposition-based GPR models for river discharge relationship modeling at consecutive hydrometric stations. Water Science and Technology: Water Supply, 2021, 21, 3080-3098.	2.1	12
7	Explicit prediction of expanding channels hydraulic jump characteristics using gene expression programming approach. Hydrology Research, 2018, 49, 815-830.	2.7	11
8	Estimation of hydraulic jump characteristics of channels with sudden diverging side walls via SVM. Water Science and Technology, 2017, 76, 1614-1628.	2.5	10
9	Evaluation of the effective parameters on energy losses of rectangular and circular culverts via kernel-based approaches. Journal of Hydroinformatics, 2019, 21, 1014-1029.	2.4	9
10	Analysis of spatiotemporal variations of drought and its correlations with remote sensing-based indices via wavelet analysis and clustering methods. Hydrology Research, 2022, 53, 175-192.	2.7	9
11	The potential of ensemble WT-EEMD-kernel extreme learning machine techniques for prediction suspended sediment concentration in successive points of a river. Journal of Hydroinformatics, 2021, 23, 655-670.	2.4	8
12	Spatiotemporal Analysis of Droughts Over Different Climate Regions Using Hybrid Clustering Method. Water Resources Management, 2022, 36, 473-488.	3.9	8
13	The potential of integrated hybrid pre-post-processing techniques for short- to long-term drought forecasting. Journal of Hydroinformatics, 2021, 23, 117-135.	2.4	8
14	Prediction of form roughness coefficient in alluvial channels using efficient hybrid approaches. Soft Computing, 2020, 24, 18531-18543.	3.6	6
15	Suspended sediment load prediction in consecutive stations of river based on ensemble pre-post-processing kernel based approaches. Water Science and Technology: Water Supply, 2021, 21, 3370-3386.	2.1	6
16	Uncertainty Assessment of the Integrated Hybrid Data Processing Techniques for Short to Long Term Drought Forecasting in Different Climate Regions. Water Resources Management, 2022, 36, 273-296.	3.9	6
17	Effect of Channel Boundary Conditions in Predicting Hydraulic Jump Characteristics using an ANFIS-Based Approach. Journal of Applied Fluid Mechanics, 2018, 11, 555-565.	0.2	5
18	Multi-temporal analysis for drought classifying based on SPEI gridded data and hybrid maximal overlap discrete wavelet transform. International Journal of Environmental Science and Technology, 2022, 19, 3219-3232.	3.5	4

#	Article	IF	Citations
19	Possibilities to use the meta model and classical approaches to evaluate the impact of hydraulic conditions in prediction of the critical submergence depth ratio. Water Science and Technology: Water Supply, 2019, 19, 1055-1065.	2.1	2
20	Drought Vulnerability Assessment Based on a Multi-criteria Integrated Approach and Application of Satellite-based Datasets. Water Resources Management, 0, , .	3.9	2
21	Uncertainty analyses regarding evaluating effective parameters on the hydraulic jump characteristics of different shape channels. Water Science and Technology: Water Supply, 0, , .	2.1	1
22	The potential of integrated hybrid data processing techniques for successive-station streamflow prediction. Soft Computing, 2022, 26, 5563-5576.	3.6	1
23	Assessing the Capability of KELM Meta-Model Approach in Predicting the Energy Dissipation in Different Shapes Channels. Proceedings (mdpi), 2020, 63, .	0.2	0