Mohammad Ebrarim Banihabib

List of Publications by Year in Descending Order

59 papers	1,313 citations	16 h-index	35 g-index
68 ext. papers	1,589 ext. citations	3.5 avg, IF	5.39 L-index

#	Paper	IF	Citations
59	Forecasting urban water consumption using bayesian networks and gene expression programming. *Earth Science Informatics*, **2022**, 15, 623-633	2.5	0
58	A Temporally Varied Rainfall Simulator for Flash Flood Studies. *Natural Disaster Science and Mitigation Engineering: DPRI Reports*, **2022**, 267-279		
57	Determining the Precipitation Intensity Threshold of Debris Flood Occurrence. *Natural Disaster Science and Mitigation Engineering: DPRI Reports*, **2022**, 473-489		
56	Empirical equation for the assessment of the effect of sediment concentration on the discharge coefficient of slit dams. *Arabian Journal of Geosciences*, **2022**, 15, 1	1.8	1
55	SWAT-SF: A flexible SWAT-based model for watershed-scale water and soil salinity modeling. *Journal of Contaminant Hydrology*, **2021**, 244, 103893	3.9	0
54	The Urban Environment Impact of Climate Change Study and Proposal of the City Micro-Environment Improvement. *Sustainability*, **2021**, 13, 4096	3.6	1
53	Participatory Water-Food-Energy Nexus Approach for Evaluation and Design of Groundwater Governance. *Water Resources Management*, **2021**, 35, 3481-3495	3.7	1
52	SWAT-S: A SWAT-salinity module for watershed-scale modeling of natural salinity. *Environmental Modelling and Software*, **2021**, 135, 104906	5.2	3
51	A hybrid SVR-PSO model to predict concentration of sediment in typical and debris floods. *Earth Science Informatics*, **2021**, 14, 365-376	2.5	3
50	Fuzzy particle swarm optimization for conjunctive use of groundwater and reclaimed wastewater under uncertainty. *Agricultural Water Management*, **2021**, 256, 107116	5.9	1
49	An empirical equation to determine the threshold for rainfall-induced landslides developing to debris flows. *Landslides*, **2020**, 17, 2055-2065	6.6	5
48	Improving Daily Peak Flow Forecasts Using Hybrid Fourier-Series Autoregressive Integrated Moving Average and Recurrent Artificial Neural Network Models. *AI*, **2020**, 1, 263-275	3.6	4
47	Non-compensatory decision model for incorporating the sustainable development criteria in flood risk management plans. *SN Applied Sciences*, **2020**, 2, 1	1.8	8
46	A framework to assess the impact of a hydraulic removing system of contaminate infiltration from a river into an aquifer (case study: Semnan aquifer). *Groundwater for Sustainable Development*, **2020**, 10, 100301	6	2
45	An MCDM-based social network analysis of water governance to determine actors□power in water-food-energy nexus. *Journal of Hydrology*, **2020**, 581, 124382	6	19
44	Enhanced GMCR model for resolving conflicts in a transboundary wetland. *Science of the Total Environment*, **2020**, 744, 140816	10.2	7
43	A Hybrid Intelligence Model for the Prediction of the Peak Flow of Debris Floods. *Water (Switzerland)*, **2020**, 12, 2246	3	2

42	Bayesian networks model for identification of the effective variables in the forecasting of debris flows occurrence. *Environmental Earth Sciences*, **2020**, 79, 1	2.9	5
41	Extended linear and non-linear auto-regressive models for forecasting the urban water consumption of a fast-growing city in an arid region. *Sustainable Cities and Society*, **2019**, 48, 101585	10.1	14
40	A decision-making model for flood warning system based on ensemble forecasts. *Journal of Hydrology*, **2019**, 573, 207-219	6	23
39	Bayesian Network Model for Flood Forecasting Based on Atmospheric Ensemble Forecasts **2019**,		2
38	Development of a Fuzzy Multi-Objective Heuristic Model for Optimum Water Allocation. *Water Resources Management*, **2019**, 33, 3673-3689	3.7	15
37	Comprehensive risk assessment of river basins using Fault Tree Analysis. *Journal of Hydrology*, **2019** , 577, 123974	6	14
36	An ARIMA-NARX hybrid model for forecasting urban water consumption (case study: Tehran metropolis). *Urban Water Journal*, **2019**, 16, 365-376	2.3	7
35	A model for simulation of debris flow sedimentation in slit detention-dam reservoirs. *Journal of Hydro-Environment Research*, **2019**, 27, 65-74	2.3	5
34	Auto-Regressive Neural-Network Models for Long Lead-Time Forecasting of Daily Flow. *Water Resources Management*, **2019**, 33, 159-172	3.7	14
33	Hybrid MARMA-NARX model for flow forecasting based on the large-scale climate signals, sea-surface temperatures, and rainfall **2018**, 49, 1788-1803		10
32	A model for the assessment of the effect of mulching on aquifer recharging by rainfalls in an arid region. *Journal of Hydrology*, **2018**, 567, 102-113	6	2
31	A hybrid multiple criteria decision-making model for the sustainable management of aquifers. *Environmental Earth Sciences*, **2018**, 77, 1	2.9	20
30	A Framework for Ground Water Management Based on Bayesian Network and MCDM Techniques. *Water Resources Management*, **2018**, 32, 4985-5005	3.7	28
29	Fuzzy optimization model and fuzzy inference system for conjunctive use of surface and groundwater resources. *Journal of Hydrology*, **2018**, 566, 421-434	6	37
28	Multi-objective particle swarm optimization model for conjunctive use of treated wastewater and groundwater. *Agricultural Water Management*, **2018**, 208, 224-231	5.9	27
27	A Multi-level Strategic Group Decision Making for Understanding and Analysis of Sustainable Watershed Planning in Response to Environmental Perplexities. *Group Decision and Negotiation*, **2017**, 26, 629-648	2.5	18
26	An assessment framework for the mitigation effects of check dams on debris flow. *Catena*, **2017**, 152, 277-284	5.8	16
25	Hybrid DARIMA-NARX model for forecasting long-term daily inflow to Dez reservoir using the North Atlantic Oscillation (NAO) and rainfall data. *GeoResJ*, **2017**, 13, 9-16		12

24	Comparison of Compensatory and non-Compensatory Multi Criteria Decision Making Models in Water Resources Strategic Management. *Water Resources Management*, **2017**, 31, 3745-3759	3.7	25
23	Fuzzy Hybrid MCDM Model for Ranking the Agricultural Water Demand Management Strategies in Arid Areas. *Water Resources Management*, **2017**, 31, 495-513	3.7	25
22	Assessment of Nitrogen Leaching of Cropping Pattern by Soil Nitrogen Balance Equation (Case Study: Varamin Irrigation and Drainage Network). *Modern Applied Science*, **2017**, 11, 30	1.3	3
21	Decision Models for the Ranking of Agricultural Water Demand Management Strategies in an Arid Region. *Irrigation and Drainage*, **2017**, 66, 773-783	1.1	3
20	Dynamic Programming Model for the System of a Non-Uniform Deficit Irrigation and a Reservoir. *Irrigation and Drainage*, **2017**, 66, 71-81	1.1	3
19	A Framework for Sustainable Strategic Planning of Water Demand and Supply in Arid Regions. *Sustainable Development*, **2017**, 25, 254-266	6.7	22
18	Geo-hydroclimatological-based estimation of sediment yield by the artificial neural network. *International Journal of Water*, **2017**, 11, 159	0.9	2
17	Essential strategy for urban seasonal-river restoration. *World Review of Science, Technology and Sustainable Development*, **2017**, 13, 367	1	1
16	Optimization of inter-sectorial water reallocation for arid-zone megacity-dominated area. *Urban Water Journal*, **2016**, 13, 852-860	2.3	4
15	A framework for the assessment of reservoir operation adaptation to climate change in an arid region. *International Journal of Global Warming*, **2016**, 9, 286	0.6	6
14	Multi-Objective Optimization Model for the Allocation of Water Resources in Arid Regions Based on the Maximization of Socioeconomic Efficiency. *Water Resources Management*, **2016**, 30, 927-946	3.7	69
13	Performance of conceptual and black-box models in flood warning systems. *Cogent Engineering*, **2016**, 3, 1127798	1.5	10
12	The impact of slit and detention dams on debris flow control using GSTARS 3.0. *Environmental Earth Sciences*, **2016**, 75, 1	2.9	12
11	Optimization model for the allocation of water resources based on the maximization of employment in the agriculture and industry sectors. *Journal of Hydrology*, **2016**, 533, 430-438	6	56
10	Extended fuzzy analytic hierarchy process approach in water and environmental management (case study: Lake Urmia Basin, Iran). *Environmental Earth Sciences*, **2015**, 73, 13-26	2.9	56
9	A dynamic artificial neural network for assessment of land-use change impact on warning lead-time of flood. *International Journal of Hydrology Science and Technology*, **2015**, 5, 163	1.5	14
8	An integrated optimisation model of reservoir and irrigation system applying uniform deficit irrigation. *International Journal of Hydrology Science and Technology*, **2015**, 5, 372	1.5	4
7	Determination of the abrasion of aprons of dams by debris flow. *International Journal of Materials and Structural Integrity*, **2015**, 9, 262	0.3	4

6	Simulation of Ca2+ and Mg2+ removal process in fixed-bed column of natural zeolite. *Desalination and Water Treatment*, **2015**, 55, 1116-1124		4
5	Comparison of Different Multi Criteria Decision-Making Models in Prioritizing Flood Management Alternatives. *Water Resources Management*, **2015**, 29, 2503-2525	3.7	97
4	A new framework for strategic planning to stabilize a shrinking lake. *Lake and Reservoir Management*, **2015**, 31, 31-43	1.3	21
3	Locating Water Desalination Facilities for Municipal Drinking Water Based on Qualitative and Quantitative Characteristics of Groundwater in Iran Desert Regions. *Water Resources Management* , **2014**, 28, 3341-3353	3.7	4
2	Comparison of the ARMA, ARIMA, and the autoregressive artificial neural network models in forecasting the monthly inflow of Dez dam reservoir. *Journal of Hydrology*, **2013**, 476, 433-441	6	541
1	A MATHEMATICAL MODEL FOR HAZARD ZONE MAPPING OF DEBRIS FLOW. *Geoinformatics*, **1996**, 7, 87-90	0.1	