

Najmeh Mahjouri

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

823
citations

516561

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31
all docs

31
docs citations

31
times ranked

790
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Inter-Basin Water Allocation Using Crisp and Fuzzy Shapley Games. <i>Water Resources Management</i> , 2010, 24, 2291-2310.	1.9	120
2	Developing a master plan for hospital solid waste management: A case study. <i>Waste Management</i> , 2007, 27, 626-638.	3.7	86
3	Integrating Support Vector Regression and a geomorphologic Artificial Neural Network for daily rainfall-runoff modeling. <i>Applied Soft Computing Journal</i> , 2016, 38, 329-345.	4.1	70
4	A game theoretic approach for interbasin water resources allocation considering the water quality issues. <i>Environmental Monitoring and Assessment</i> , 2010, 167, 527-544.	1.3	60
5	Revising river water quality monitoring networks using discrete entropy theory: the Jajrood River experience. <i>Environmental Monitoring and Assessment</i> , 2011, 175, 291-302.	1.3	45
6	Waste Load Allocation in Rivers using Fallback Bargaining. <i>Water Resources Management</i> , 2013, 27, 2125-2136.	1.9	44
7	Evaluating the contribution of the climate change and human activities to runoff change under uncertainty. <i>Journal of Hydrology</i> , 2019, 574, 872-891.	2.3	40
8	Water Quality Zoning Using Probabilistic Support Vector Machines and Self-Organizing Maps. <i>Water Resources Management</i> , 2013, 27, 2577-2594.	1.9	39
9	Application of cooperative and non-cooperative games in large-scale water quantity and quality management: a case study. <i>Environmental Monitoring and Assessment</i> , 2011, 172, 157-169.	1.3	34
10	Waste load allocation in rivers under uncertainty: application of social choice procedures. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 5.	1.3	34
11	Optimizing Multiple-Pollutant Waste Load Allocation in Rivers: An Interval Parameter Game Theoretic Model. <i>Water Resources Management</i> , 2016, 30, 4201-4220.	1.9	34
12	Evaluating sampling locations in river water quality monitoring networks: application of dynamic factor analysis and discrete entropy theory. <i>Environmental Earth Sciences</i> , 2013, 70, 2577-2585.	1.3	26
13	Developing a fuzzy neural network-based support vector regression (FNN-SVR) for regionalizing nitrate concentration in groundwater. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 3685-3699.	1.3	23
14	A social choice-based methodology for treated wastewater reuse in urban and suburban areas. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 325.	1.3	19
15	A spatiotemporal Bayesian maximum entropy-based methodology for dealing with sparse data in revising groundwater quality monitoring networks: the Tehran region experience. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	18
16	Development of an efficient surrogate model based on aquifer dimensions to prevent seawater intrusion in anisotropic coastal aquifers, case study: the Qom aquifer in Iran. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	17
17	A Multi-Criteria Group Decision Making Methodology Using Interval Type-2 Fuzzy Sets: Application to Water Resources Management. <i>Water Resources Management</i> , 2020, 34, 4067-4092.	1.9	17
18	A fuzzy multi-stakeholder multi-criteria methodology for water allocation and reuse in metropolitan areas. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 444.	1.3	14

#	ARTICLE	IF	CITATIONS
19	Development of a Direct Geomorphologic IUH Model for Daily Runoff Estimation in Ungauged Watersheds. Journal of Hydrologic Engineering - ASCE, 2016, 21, .	0.8	13
20	Development of an efficient conjunctive meta-model-based decision-making framework for saltwater intrusion management in coastal aquifers. Journal of Hydro-Environment Research, 2020, 29, 45-58.	1.0	12
21	Multi-objective Freshwater Management in Coastal Aquifers Under Uncertainty in Hydraulic Parameters. Natural Resources Research, 2020, 29, 2347-2368.	2.2	11
22	Sensitivity and fuzzy uncertainty analyses in the determination of SCS-CN parameters from rainfall-runoff data. Hydrological Sciences Journal, 2018, 63, 457-473.	1.2	10
23	Breakpoint detection in non-stationary runoff time series under uncertainty. Journal of Hydrology, 2020, 590, 125458.	2.3	7
24	Probable maximum precipitation estimation over western Iran based on remote sensing observations: comparing deterministic and probabilistic approaches. Hydrological Sciences Journal, 2021, 66, 165-178.	1.2	7
25	Development of a master plan for industrial solid waste management. International Journal of Environmental Science and Technology, 2006, 3, 229-242.	1.8	6
26	A multi-model data fusion methodology for seasonal drought forecasting under uncertainty: Application of Bayesian maximum entropy. Journal of Environmental Management, 2022, 304, 114245.	3.8	6
27	Groundwater Quantity and Quality Management: A Case Study of Kashan Aquifer, Central Iran. , 2005, , 1.		4
28	Monthly karstic spring flow forecasting using a sequential gaussian simulation technique. Environmental Earth Sciences, 2014, 72, 3531-3548.	1.3	4
29	Developing a methodology for early leakage detection in landfills: application of the fuzzy transformation technique and probabilistic artificial neural networks. Environmental Earth Sciences, 2016, 75, 1.	1.3	2
30	Closure to "Development of a Direct Geomorphologic IUH Model for Daily Runoff Estimation in Ungauged Watersheds" by Seiyed Mossa Hosseini, Najmeh Mahjouri, and Samaneh Riahi. Journal of Hydrologic Engineering - ASCE, 2017, 22, 07017002.	0.8	1
31	Spatial and Temporal Sampling Frequencies Analysis Using the Discrete Entropy Theory: A Case Study of River Water Quality Monitoring. , 2008, , .		0