# Najmeh Mahjouri

## List of Publications by Year in Descending Order



| | | | |
|---|---|---|---|
| 30 papers | 603 citations | 14 h-index | 24 g-index |
| 31 ext. papers | 693 ext. citations | 3.8 avg, IF | 4.52 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 30 | A multi-model data fusion methodology for seasonal drought forecasting under uncertainty: Application of Bayesian maximum entropy.. *Journal of Environmental Management*, **2021**, 304, 114245 | 7.9 | 0 |
| 29 | Probable maximum precipitation estimation over western Iran based on remote sensing observations: comparing deterministic and probabilistic approaches. *Hydrological Sciences Journal*, **2021**, 66, 165-178 | 3.5 | 2 |
| 28 | Multi-objective Freshwater Management in Coastal Aquifers Under Uncertainty in Hydraulic Parameters. *Natural Resources Research*, **2020**, 29, 2347-2368 | 4.9 | 5 |
| 27 | 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 | 2.3 | 5 |
| 26 | Breakpoint detection in non-stationary runoff time series under uncertainty. *Journal of Hydrology*, **2020**, 590, 125458 | 6 | 2 |
| 25 | A Multi-Criteria Group Decision Making Methodology Using Interval Type-2 Fuzzy Sets: Application to Water Resources Management. *Water Resources Management*, **2020**, 34, 4067-4092 | 3.7 | 6 |
| 24 | Evaluating the contribution of the climate change and human activities to runoff change under uncertainty. *Journal of Hydrology*, **2019**, 574, 872-891 | 6 | 17 |
| 23 | Sensitivity and fuzzy uncertainty analyses in the determination of SCS-CN parameters from rainfall–runoff data. *Hydrological Sciences Journal*, **2018**, 63, 457-473 | 3.5 | 9 |
| 22 | A fuzzy multi-stakeholder multi-criteria methodology for water allocation and reuse in metropolitan areas. *Environmental Monitoring and Assessment*, **2018**, 190, 444 | 3.1 | 7 |
| 21 | 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. *Environmental Earth Sciences*, **2018**, 77, 1 | 2.9 | 12 |
| 20 | 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 | 1.8 | 1 |
| 19 | A social choice-based methodology for treated wastewater reuse in urban and suburban areas. *Environmental Monitoring and Assessment*, **2017**, 189, 325 | 3.1 | 13 |
| 18 | A spatiotemporal Bayesian maximum entropy-based methodology for dealing with sparse data in revising groundwater quality monitoring networks: the Tehran region experience. *Environmental Earth Sciences*, **2017**, 76, 1 | 2.9 | 14 |
| 17 | Integrating Support Vector Regression and a geomorphologic Artificial Neural Network for daily rainfall-runoff modeling. *Applied Soft Computing Journal*, **2016**, 38, 329-345 | 7.5 | 47 |
| 16 | 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 | 2.9 | 2 |
| 15 | Development of a Direct Geomorphologic IUH Model for Daily Runoff Estimation in Ungauged Watersheds. *Journal of Hydrologic Engineering - ASCE*, **2016**, 21, 05016008 | 1.8 | 12 |
| 14 | Optimizing Multiple-Pollutant Waste Load Allocation in Rivers: An Interval Parameter Game Theoretic Model. *Water Resources Management*, **2016**, 30, 4201-4220 | 3.7 | 26 |

# List of Publications

| | | | |
|---|---|---|---|
| 13 | Waste load allocation in rivers under uncertainty: application of social choice procedures. *Environmental Monitoring and Assessment*, **2015**, 187, 5 | 3.1 | 16 |
| 12 | Developing a fuzzy neural network-based support vector regression (FNN-SVR) for regionalizing nitrate concentration in groundwater. *Environmental Monitoring and Assessment*, **2014**, 186, 3685-99 | 3.1 | 17 |
| 11 | Monthly karstic spring flow forecasting using a sequential gaussian simulation technique. *Environmental Earth Sciences*, **2014**, 72, 3531-3548 | 2.9 | 3 |
| 10 | Waste Load Allocation in Rivers using Fallback Bargaining. *Water Resources Management*, **2013**, 27, 2125-2136 | 3.7 | 34 |
| 9 | Water Quality Zoning Using Probabilistic Support Vector Machines and Self-Organizing Maps. *Water Resources Management*, **2013**, 27, 2577-2594 | 3.7 | 29 |
| 8 | Evaluating sampling locations in river water quality monitoring networks: application of dynamic factor analysis and discrete entropy theory. *Environmental Earth Sciences*, **2013**, 70, 2577-2585 | 2.9 | 25 |
| 7 | Application of cooperative and non-cooperative games in large-scale water quantity and quality management: a case study. *Environmental Monitoring and Assessment*, **2011**, 172, 157-69 | 3.1 | 30 |
| 6 | Revising river water quality monitoring networks using discrete entropy theory: the Jajrood River experience. *Environmental Monitoring and Assessment*, **2011**, 175, 291-302 | 3.1 | 39 |
| 5 | Optimal Inter-Basin Water Allocation Using Crisp and Fuzzy Shapley Games. *Water Resources Management*, **2010**, 24, 2291-2310 | 3.7 | 105 |
| 4 | A game theoretic approach for interbasin water resources allocation considering the water quality issues. *Environmental Monitoring and Assessment*, **2010**, 167, 527-44 | 3.1 | 47 |
| 3 | Developing a master plan for hospital solid waste management: a case study. *Waste Management*, **2007**, 27, 626-38 | 8.6 | 71 |
| 2 | Development of a master plan for industrial solid waste management. *International Journal of Environmental Science and Technology*, **2006**, 3, 229-242 | 3.3 | 5 |
| 1 | Groundwater Quantity and Quality Management: A Case Study of Kashan Aquifer, Central Iran **2005** , 1 | | 2 |