# Shahab Araghinejad

List of Publications by Year
in descending order

| | |
|---|---|
| 37 papers | 1,084 citations |

331670

| | |
|---|---|
| 21 h-index | |

414414

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|---|---|
| 32 g-index | |

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|---|---|
| 39 all docs | 39 docs citations |
| 39 times ranked | 1255 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | A Comparative Assessment of Artificial Neural Network, Generalized Regression Neural Network, Least-Square Support Vector Regression, and K-Nearest Neighbor Regression for Monthly Streamflow Forecasting in Linear and Nonlinear Conditions. Water Resources Management, 2018, 32, 243-258. | 3.9 | 89 |
| 2 | A Comparative Assessment of Support Vector Machines, Probabilistic Neural Networks, and K-Nearest Neighbor Algorithms for Water Quality Classification. Water Resources Management, 2014, 28, 4095-4111. | 3.9 | 83 |
| 3 | Optimum Operation of Reservoir Using Two Evolutionary Algorithms: Imperialist Competitive Algorithm (ICA) and Cuckoo Optimization Algorithm (COA). Water Resources Management, 2015, 29, 3749-3769. | 3.9 | 65 |
| 4 | Data-Driven Modeling: Using MATLABÂ® in Water Resources and Environmental Engineering. Water Science and Technology Library, 2014, , . | 0.3 | 63 |
| 5 | Monthly and seasonal drought forecasting using statistical neural networks. Environmental Earth Sciences, 2015, 74, 397-412. | 2.7 | 56 |
| 6 | Application of artificial neural network ensembles in probabilistic hydrological forecasting. Journal of Hydrology, 2011, 407, 94-94. | 5.4 | 55 |
| 7 | On the relationship of regional meteorological drought with SOI and NAO over southwest Iran. Theoretical and Applied Climatology, 2010, 100, 57-66. | 2.8 | 43 |
| 8 | Long-lead probabilistic forecasting of streamflow using ocean-atmospheric and hydrological predictors. Water Resources Research, 2006, 42, . | 4.2 | 41 |
| 9 | Long-lead seasonal rainfall forecasting using time-delay recurrent neural networks: a case study. Hydrological Processes, 2008, 22, 229-241. | 2.6 | 39 |
| 10 | Developing Strategies for Urban Flood Management of Tehran City Using SMCDM and ANN. Journal of Computing in Civil Engineering, 2014, 28, . | 4.7 | 36 |
| 11 | Classification of water quality status based on minimum quality parameters: application of machine learning techniques. Modeling Earth Systems and Environment, 2018, 4, 311-324. | 3.4 | 34 |
| 12 | Introducing modified total storage deficit index (MTSDI) for drought monitoring using GRACE observations. Ecological Indicators, 2019, 101, 465-475. | 6.3 | 34 |
| 13 | Optimal water allocation in irrigation networks based on real time climatic data. Agricultural Water Management, 2013, 117, 1-8. | 5.6 | 32 |
| 14 | Spatio-temporal evaluation of global gridded precipitation datasets across Iran. Hydrological Sciences Journal, 2018, 63, 1669-1688. | 2.6 | 32 |
| 15 | Drought forecasting using data-driven methods and an evolutionary algorithm. Modeling Earth Systems and Environment, 2017, 3, 1675-1689. | 3.4 | 32 |
| 16 | Drought Mitigation through Long-Term Operation of Reservoirs: Case Study. Journal of Irrigation and Drainage Engineering - ASCE, 2008, 134, 471-478. | 1.0 | 30 |
| 17 | Flood Vulnerability Analysis by Fuzzy Spatial Multi Criteria Decision Making. Water Resources Management, 2015, 29, 4427-4445. | 3.9 | 30 |
| 18 | Development of a Hybrid Data Driven Model for Hydrological Estimation. Water Resources Management, 2018, 32, 3737-3750. | 3.9 | 26 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Pre-processing of data-driven river flow forecasting models by singular value decomposition (SVD) technique. Hydrological Sciences Journal, 2016, 61, 2164-2178. | 2.6 | 25 |
| 20 | Reservoir Inflow Modeling Using Temporal Neural Networks with Forgetting Factor Approach. Water Resources Management, 2009, 23, 39-55. | 3.9 | 24 |
| 21 | Long-Lead Streamflow Forecasting in the Southwest of Iran by Sea Surface Temperature of the Mediterranean Sea. Journal of Hydrologic Engineering - ASCE, 2014, 19, . | 1.9 | 24 |
| 22 | Using GRACE satellite observations for separating meteorological variability from anthropogenic impacts on water availability. Scientific Reports, 2020, 10, 15098. | 3.3 | 23 |
| 23 | Probabilistic forecasting of hydrological events using geostatistical analysis / PrÃ©vision probabiliste d'Ã©vÃ©nements hydrologiques par analyse gÃ©ostatistique. Hydrological Sciences Journal, 2005, 50, . | 2.6 | 20 |
| 24 | An Approach for Probabilistic Hydrological Drought Forecasting. Water Resources Management, 2011, 25, 191-200. | 3.9 | 18 |
| 25 | Analysis of Hydrologic and Agricultural Droughts in Central Part of Iran. Journal of Hydrologic Engineering - ASCE, 2004, 9, 402-414. | 1.9 | 17 |
| 26 | Long-Term Operation of Irrigation Dams Considering Variable Demands: Case Study of Zayandeh-rud Reservoir, Iran. Journal of Irrigation and Drainage Engineering - ASCE, 2010, 136, 309-316. | 1.0 | 16 |
| 27 | Developing a new method for spatial assessment of drought vulnerability (case study:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Journal, 2013, 27, 50-57. | 2.2 | 15 |
| 28 | Developing an Interactive Spatial Multi-Attribute Decision Support System for Assessing Water Resources Allocation Scenarios. Water Resources Management, 2020, 34, 447-462. | 3.9 | 15 |
| 29 | Water Management of Irrigation Dams Considering Climate Variation: Case Study of Zayandeh-rud Reservoir, Iran. Water Resources Management, 2013, 27, 1651-1660. | 3.9 | 12 |
| 30 | Environmental management in Urmia Lake: thresholds approach. International Journal of Water Resources Development, 2016, 32, 77-88. | 2.0 | 12 |
| 31 | Selected model fusion: an approach for improving the accuracy of monthly streamflow forecasting. Journal of Hydroinformatics, 2018, 20, 917-933. | 2.4 | 12 |
| 32 | Development of a Nonparametric Model for Multivariate Hydrological Monthly Series Simulation Considering Climate Change Impacts. Water Resources Management, 2015, 29, 5309-5322. | 3.9 | 11 |
| 33 | The combined effect of Persian Gulf and Mediterranean Sea surface temperature on operational forecast of spring streamflow for Karkheh basin, Iran. Sustainable Water Resources Management, 2016, 2, 387-403. | 2.1 | 5 |
| 34 | A hybrid Bayesian-SVD based method to detect false alarms in PERSIANN precipitation estimation product using related physical parameters. Journal of Hydrology, 2016, 538, 640-650. | 5.4 | 4 |
| 35 | RESERVOIR DAILY INFLOW SIMULATION USING DATA FUSION METHOD. Irrigation and Drainage, 2013, 62, 468-476. | 1.7 | 3 |
| 36 | Adaptation of a compromise programming approach for evaluating the localized impacts of water allocation. Hydrological Sciences Journal, 2021, 66, 1275-1287. | 2.6 | 3 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 37 | Reservoir Operation during Drought. , 2017, , 283-292. | | 1 |