# Pouya Aghelpour

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 17 papers | 288 citations | 10 h-index | 16 g-index |
| 19 ext. papers | 453 ext. citations | 3 avg, IF | 4.67 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 17 | Comparing linear and non-linear data-driven approaches in monthly river flow prediction, based on the models SARIMA, LSSVM, ANFIS, and GMDH. *Environmental Science and Pollution Research*, **2021**, 29, 21935 | 5.1 | 6 |
| 16 | Time series prediction of seasonal precipitation in Iran, using data-driven models: a comparison under different climatic conditions. *Arabian Journal of Geosciences*, **2021**, 14, 1 | 1.8 | 7 |
| 15 | A novel hybrid dragonfly optimization algorithm for agricultural drought prediction. *Stochastic Environmental Research and Risk Assessment*, **2021**, 35, 2459 | 3.5 | 13 |
| 14 | Multivariate Drought Forecasting in Short- and Long-Term Horizons Using MSPI and Data-Driven Approaches. *Journal of Hydrologic Engineering - ASCE*, **2021**, 26, 04021006 | 1.8 | 10 |
| 13 | Closure to "Comparative Study of Time Series Models, Support Vector Machines, and GMDH in Forecasting Long-Term Evapotranspiration Rates in Northern Iran" by Afshin Ashrafzadeh, Ozgur Kişi, Pouya Aghelpour, Seyed Mostafa Biazar, and Mohammadreza Askarizad Masouleh. *Journal of Irrigation and Drainage Engineering - ASCE*, **2021**, 147, 07021006 | 1.1 | 2 |
| 12 | Daily River Water Temperature Prediction: A Comparison between Neural Network and Stochastic Techniques. *Atmosphere*, **2021**, 12, 1154 | 2.7 | 5 |
| 11 | Hydrological drought forecasting using multi-scalar streamflow drought index, stochastic models and machine learning approaches, in northern Iran. *Stochastic Environmental Research and Risk Assessment*, **2021**, 35, 1615 | 3.5 | 13 |
| 10 | Forecasting Different Types of Droughts Simultaneously Using Multivariate Standardized Precipitation Index (MSPI), MLP Neural Network, and Imperialistic Competitive Algorithm (ICA). *Complexity*, **2021**, 2021, 1-16 | 1.6 | 6 |
| 9 | Simulation of Titicaca Lake Water Level Fluctuations Using Hybrid Machine Learning Technique Integrated with Grey Wolf Optimizer Algorithm. *Water (Switzerland)*, **2020**, 12, 3015 | 3 | 27 |
| 8 | Using the MODIS Sensor for Snow Cover Modeling and the Assessment of Drought Effects on Snow Cover in a Mountainous Area. *Remote Sensing*, **2020**, 12, 3437 | 5 | 12 |
| 7 | Comparative Study of Time Series Models, Support Vector Machines, and GMDH in Forecasting Long-Term Evapotranspiration Rates in Northern Iran. *Journal of Irrigation and Drainage Engineering - ASCE*, **2020**, 146, 04020010 | 1.1 | 32 |
| 6 | Comparison of three different bio-inspired algorithms to improve ability of neuro fuzzy approach in prediction of agricultural drought, based on three different indexes. *Computers and Electronics in Agriculture*, **2020**, 170, 105279 | 6.5 | 34 |
| 5 | Evaluation of stochastic and artificial intelligence models in modeling and predicting of river daily flow time series. *Stochastic Environmental Research and Risk Assessment*, **2020**, 34, 33-50 | 3.5 | 32 |
| 4 | A Theoretical Approach for Forecasting Different Types of Drought Simultaneously, Using Entropy Theory and Machine-Learning Methods. *ISPRS International Journal of Geo-Information*, **2020**, 9, 701 | 2.9 | 17 |
| 3 | Long-term monthly average temperature forecasting in some climate types of Iran, using the models SARIMA, SVR, and SVR-FA. *Theoretical and Applied Climatology*, **2019**, 138, 1471-1480 | 3 | 65 |
| 2 | Evaluating the Impact of Large-Scale Climatic Indices as Inputs for Forecasting Monthly River Flow in Mazandaran Province, Iran. *Pure and Applied Geophysics*,1 | 2.2 | 1 |
| 1 | Predicting daily reference evapotranspiration rates in a humid region, comparison of seven various data-based predictor models. *Stochastic Environmental Research and Risk Assessment*, | 3.5 | 4 |