Hadi Sanikhani

List of Publications by Year
in descending order

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32 papers	1,303 citations	331259 21 h-index	433756 31 g-index
32 all docs	32 docs citations	32 times ranked	1134 citing authors

#	Article	IF	Citations
1	Modeling moisture redistribution of drip irrigation systems by soil and system parameters: regression-based approaches. Stochastic Environmental Research and Risk Assessment, 2022, 36, 157-172.	1.9	11
2	Approaches for Optimizing the Performance of Adaptive Neuro-Fuzzy Inference System and Least-Squares Support Vector Machine in Precipitation Modeling. Journal of Hydrologic Engineering - ASCE, 2021, 26, .	0.8	16
3	Spatiotemporal analysis of aridity indices by using the nonparametric methods (case study: Sirvan) Tj ETQq1 1 0.784314 rgBT /Overlock	0.6	3
4	Novel approaches for air temperature prediction: A comparison of four hybrid evolutionary fuzzy models. Meteorological Applications, 2020, 27, e1817.	0.9	24
5	Modeling wetted areas of moisture bulb for drip irrigation systems: An enhanced empirical model and artificial neural network. Computers and Electronics in Agriculture, 2020, 178, 105767.	3.7	26
6	Exploring the application of soft computing techniques for spatial evaluation of groundwater quality variables. Journal of Cleaner Production, 2020, 276, 124206.	4.6	18
7	Integrative stochastic model standardization with genetic algorithm for rainfall pattern forecasting in tropical and semi-arid environments. Hydrological Sciences Journal, 2020, 65, 1145-1157.	1.2	25
8	Application of artificial intelligence to estimate phycocyanin pigment concentration using water quality data: a comparative study. Applied Water Science, 2019, 9, 1.	2.8	13
9	Hydrodynamics of river-channel confluence: toward modeling separation zone using GEP, MARS, M5 Tree and DENFIS techniques. Stochastic Environmental Research and Risk Assessment, 2019, 33, 1089-1107.	1.9	21
10	Novel Hybrid Data-Intelligence Model for Forecasting Monthly Rainfall with Uncertainty Analysis. Water (Switzerland), 2019, 11, 502.	1.2	78
11	Estimation of discharge with free overfall in rectangular channel using artificial intelligence models. Flow Measurement and Instrumentation, 2019, 67, 118-130.	1.0	17
12	Longâ€term modelling of wind speeds using six different heuristic artificial intelligence approaches. International Journal of Climatology, 2019, 39, 3543-3557.	1.5	23
13	Temperature-based modeling of reference evapotranspiration using several artificial intelligence models: application of different modeling scenarios. Theoretical and Applied Climatology, 2019, 135, 449-462.	1.3	108
14	Monthly long-term rainfall estimation in Central India using M5Tree, MARS, LSSVR, ANN and GEP models. Neural Computing and Applications, 2019, 31, 6843-6862.	3.2	44
15	Estimation of Wind Drift and Evaporation Losses from Sprinkler Irrigation systemS by Different Dataâ€Driven Methods. Irrigation and Drainage, 2018, 67, 222-232.	0.8	30
16	Impact of climate change on runoff in Lake Urmia basin, Iran. Theoretical and Applied Climatology, 2018, 132, 491-502.	1.3	13
17	Evaluation of several soft computing methods in monthly evapotranspiration modelling. Meteorological Applications, 2018, 25, 128-138.	0.9	57
18	Prediction of river flow using hybrid neuro-fuzzy models. Arabian Journal of Geosciences, 2018, 11, 1.	0.6	32

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19	Non-tuned data intelligent model for soil temperature estimation: A new approach. Geoderma, 2018, 330, 52-64.	2.3	95
20	Water quality variations in different climates of Iran: toward modeling total dissolved solid using soft computing techniques. Stochastic Environmental Research and Risk Assessment, 2018, 32, 2253-2273.	1.9	49
21	Survey of different data-intelligent modeling strategies for forecasting air temperature using geographic information as model predictors. Computers and Electronics in Agriculture, 2018, 152, 242-260.	3.7	62
22	Trend analysis of rainfall pattern over the Central India during 1901â€“2010. Arabian Journal of Geosciences, 2018, 11, 1.	0.6	51
23	Soil temperature modeling at different depths using neuro-fuzzy, neural network, and genetic programming techniques. Theoretical and Applied Climatology, 2017, 129, 833-848.	1.3	62
24	Impurity effect on clear water evaporation: toward modelling wastewater evaporation using ANN, ANFIS-SC and GEP techniques. Hydrological Sciences Journal, 2017, 62, 1856-1866.	1.2	7
25	The analysis of trend variations of reference evapotranspiration via eliminating the significance effect of all autocorrelation coefficients. Theoretical and Applied Climatology, 2016, 126, 131-139.	1.3	30
26	Long-term monthly evapotranspiration modeling by several data-driven methods without climatic data. Computers and Electronics in Agriculture, 2015, 115, 66-77.	3.7	102
27	Comparison of Different Data-Driven Approaches for Modeling Lake Level Fluctuations: The Case of Manyas and Tuz Lakes (Turkey). Water Resources Management, 2015, 29, 1557-1574.	1.9	23
28	Modelling longâ€term monthly temperatures by several dataâ€driven methods using geographical inputs. International Journal of Climatology, 2015, 35, 3834-3846.	1.5	38
29	Prediction of longâ€term monthly precipitation using several soft computing methods without climatic data. International Journal of Climatology, 2015, 35, 4139-4150.	1.5	56
30	Estimation of Daily Pan Evaporation Using Two Different Adaptive Neuro-Fuzzy Computing Techniques. Water Resources Management, 2012, 26, 4347-4365.	1.9	56
31	River Flow Estimation and Forecasting by Using Two Different Adaptive Neuro-Fuzzy Approaches. Water Resources Management, 2012, 26, 1715-1729.	1.9	110
32	Numerical and artificial intelligence models for predicting the water advance in border irrigation. Environment, Development and Sustainability, 0, , 1.	2.7	3