

Hadi Sanikhani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4885689/publications.pdf>

Version: 2024-02-01

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	River Flow Estimation and Forecasting by Using Two Different Adaptive Neuro-Fuzzy Approaches. <i>Water Resources Management</i> , 2012, 26, 1715-1729.	1.9	110
2	Temperature-based modeling of reference evapotranspiration using several artificial intelligence models: application of different modeling scenarios. <i>Theoretical and Applied Climatology</i> , 2019, 135, 449-462.	1.3	108
3	Long-term monthly evapotranspiration modeling by several data-driven methods without climatic data. <i>Computers and Electronics in Agriculture</i> , 2015, 115, 66-77.	3.7	102
4	Non-tuned data intelligent model for soil temperature estimation: A new approach. <i>Geoderma</i> , 2018, 330, 52-64.	2.3	95
5	Novel Hybrid Data-Intelligence Model for Forecasting Monthly Rainfall with Uncertainty Analysis. <i>Water (Switzerland)</i> , 2019, 11, 502.	1.2	78
6	Soil temperature modeling at different depths using neuro-fuzzy, neural network, and genetic programming techniques. <i>Theoretical and Applied Climatology</i> , 2017, 129, 833-848.	1.3	62
7	Survey of different data-intelligent modeling strategies for forecasting air temperature using geographic information as model predictors. <i>Computers and Electronics in Agriculture</i> , 2018, 152, 242-260.	3.7	62
8	Evaluation of several soft computing methods in monthly evapotranspiration modelling. <i>Meteorological Applications</i> , 2018, 25, 128-138.	0.9	57
9	Estimation of Daily Pan Evaporation Using Two Different Adaptive Neuro-Fuzzy Computing Techniques. <i>Water Resources Management</i> , 2012, 26, 4347-4365.	1.9	56
10	Prediction of long-term monthly precipitation using several soft computing methods without climatic data. <i>International Journal of Climatology</i> , 2015, 35, 4139-4150.	1.5	56
11	Trend analysis of rainfall pattern over the Central India during 1901-2010. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	0.6	51
12	Water quality variations in different climates of Iran: toward modeling total dissolved solid using soft computing techniques. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018, 32, 2253-2273.	1.9	49
13	Monthly long-term rainfall estimation in Central India using M5Tree, MARS, LSSVR, ANN and GEP models. <i>Neural Computing and Applications</i> , 2019, 31, 6843-6862.	3.2	44
14	Modelling long-term monthly temperatures by several data-driven methods using geographical inputs. <i>International Journal of Climatology</i> , 2015, 35, 3834-3846.	1.5	38
15	Prediction of river flow using hybrid neuro-fuzzy models. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	0.6	32
16	The analysis of trend variations of reference evapotranspiration via eliminating the significance effect of all autocorrelation coefficients. <i>Theoretical and Applied Climatology</i> , 2016, 126, 131-139.	1.3	30
17	Estimation of Wind Drift and Evaporation Losses from Sprinkler Irrigation systemS by Different Data-Driven Methods. <i>Irrigation and Drainage</i> , 2018, 67, 222-232.	0.8	30
18	Modeling wetted areas of moisture bulb for drip irrigation systems: An enhanced empirical model and artificial neural network. <i>Computers and Electronics in Agriculture</i> , 2020, 178, 105767.	3.7	26

#	ARTICLE	IF	CITATIONS
19	Integrative stochastic model standardization with genetic algorithm for rainfall pattern forecasting in tropical and semi-arid environments. <i>Hydrological Sciences Journal</i> , 2020, 65, 1145-1157.	1.2	25
20	Novel approaches for air temperature prediction: A comparison of four hybrid evolutionary fuzzy models. <i>Meteorological Applications</i> , 2020, 27, e1817.	0.9	24
21	Comparison of Different Data-Driven Approaches for Modeling Lake Level Fluctuations: The Case of Manyas and Tuz Lakes (Turkey). <i>Water Resources Management</i> , 2015, 29, 1557-1574.	1.9	23
22	Long-term modelling of wind speeds using six different heuristic artificial intelligence approaches. <i>International Journal of Climatology</i> , 2019, 39, 3543-3557.	1.5	23
23	Hydrodynamics of river-channel confluence: toward modeling separation zone using GEP, MARS, M5 Tree and DENFIS techniques. <i>Stochastic Environmental Research and Risk Assessment</i> , 2019, 33, 1089-1107.	1.9	21
24	Exploring the application of soft computing techniques for spatial evaluation of groundwater quality variables. <i>Journal of Cleaner Production</i> , 2020, 276, 124206.	4.6	18
25	Estimation of discharge with free overfall in rectangular channel using artificial intelligence models. <i>Flow Measurement and Instrumentation</i> , 2019, 67, 118-130.	1.0	17
26	Approaches for Optimizing the Performance of Adaptive Neuro-Fuzzy Inference System and Least-Squares Support Vector Machine in Precipitation Modeling. <i>Journal of Hydrologic Engineering - ASCE</i> , 2021, 26, .	0.8	16
27	Impact of climate change on runoff in Lake Urmia basin, Iran. <i>Theoretical and Applied Climatology</i> , 2018, 132, 491-502.	1.3	13
28	Application of artificial intelligence to estimate phycocyanin pigment concentration using water quality data: a comparative study. <i>Applied Water Science</i> , 2019, 9, 1.	2.8	13
29	Modeling moisture redistribution of drip irrigation systems by soil and system parameters: regression-based approaches. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 157-172.	1.9	11
30	Impurity effect on clear water evaporation: toward modelling wastewater evaporation using ANN, ANFIS-SC and GEP techniques. <i>Hydrological Sciences Journal</i> , 2017, 62, 1856-1866.	1.2	7
31	Numerical and artificial intelligence models for predicting the water advance in border irrigation. <i>Environment, Development and Sustainability</i> , 0, , 1.	2.7	3
32	Spatiotemporal analysis of aridity indices by using the nonparametric methods (case study: Sirvan) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	0.6	3