

CITATION REPORT

List of articles citing

River Flow Estimation and Forecasting by Using Two Different Adaptive Neuro-Fuzzy Approaches

DOI: 10.1007/s11269-012-9982-7

Water Resources Management, 2012, 26, 1715-1729.

Source: <https://exaly.com/paper-pdf/54412005/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
99	Stage and Discharge Forecasting by SVM and ANN Techniques. <i>Water Resources Management</i> , 2012 , 26, 3705-3724	3.7	28
98	Monthly Precipitation Forecasting with a Neuro-Fuzzy Model. <i>Water Resources Management</i> , 2012 , 26, 4467-4483	3.7	38
97	Modeling of Water Quality Parameters Using Data-Driven Models. <i>Journal of Environmental Engineering, ASCE</i> , 2013 , 139, 947-957	2	77
96	Flood Forecasting Using Neural Computing Techniques and Conceptual Class Segregation. <i>Journal of the American Water Resources Association</i> , 2013 , 49, 1421-1435	2.1	11
95	Accuracy enhancement for forecasting water levels of reservoirs and river streams using a multiple-input-pattern fuzzification approach. <i>Scientific World Journal, The</i> , 2014 , 2014, 432976	2.2	13
94	Drought forecasting in a semi-arid watershed using climate signals: a neuro-fuzzy modeling approach. <i>Journal of Mountain Science</i> , 2014 , 11, 1593-1605	2.1	67
93	A Hybrid Wavelet and Neuro-Fuzzy Model for Forecasting the Monthly Streamflow Data. <i>Water Resources Management</i> , 2014 , 28, 553-565	3.7	41
92	Genetic Programming in Groundwater Modeling. <i>Journal of Hydrologic Engineering - ASCE</i> , 2014 , 19, 04014031	1.4	65
91	Supervised Intelligent Committee Machine Method for Hydraulic Conductivity Estimation. <i>Water Resources Management</i> , 2014 , 28, 1173-1184	3.7	30
90	House selling price assessment using two different adaptive neuro-fuzzy techniques. <i>Automation in Construction</i> , 2014 , 41, 33-39	9.6	24
89	Prediction the Groundwater Level of Bastam Plain (Iran) by Artificial Neural Network (ANN) and Adaptive Neuro-Fuzzy Inference System (ANFIS). <i>Water Resources Management</i> , 2014 , 28, 5433-5446	3.7	105
88	Application of different data-driven methods for the prediction of total dissolved solids in the Zarinehroud basin. <i>Stochastic Environmental Research and Risk Assessment</i> , 2014 , 28, 2101-2118	3.5	45
87	Fuzzy Inference Decision Rule for Optimal Reservoir Operation. 2015 ,		1
86	Ecohydrological model parameter selection for stream health evaluation. <i>Science of the Total Environment</i> , 2015 , 511, 341-53	10.2	23
85	Modelling long-term monthly temperatures by several data-driven methods using geographical inputs. <i>International Journal of Climatology</i> , 2015 , 35, 3834-3846	3.5	30
84	Prediction of long-term monthly precipitation using several soft computing methods without climatic data. <i>International Journal of Climatology</i> , 2015 , 35, 4139-4150	3.5	45
83	Auto Regressive and Ensemble Empirical Mode Decomposition Hybrid Model for Annual Runoff Forecasting. <i>Water Resources Management</i> , 2015 , 29, 2913-2926	3.7	46

82	Artificial intelligence based models for stream-flow forecasting: 2000-2015. <i>Journal of Hydrology</i> , 2015 , 530, 829-844	6	269
81	Streamflow Forecasting and Estimation Using Least Square Support Vector Regression and Adaptive Neuro-Fuzzy Embedded Fuzzy c-means Clustering. <i>Water Resources Management</i> , 2015 , 29, 5109-5127	3.7	55
80	Bayesian Regression and Neuro-Fuzzy Methods Reliability Assessment for Estimating Streamflow. <i>Water (Switzerland)</i> , 2016 , 8, 287	3	8
79	Utilizing RBF-NN and ANFIS Methods for Multi-Lead ahead Prediction Model of Evaporation from Reservoir. <i>Water Resources Management</i> , 2016 , 30, 4773-4788	3.7	32
78	Large-scale climate change vulnerability assessment of stream health. <i>Ecological Indicators</i> , 2016 , 69, 578-594	5.8	37
77	Optimized River Stream-Flow Forecasting Model Utilizing High-Order Response Surface Method. <i>Water Resources Management</i> , 2016 , 30, 3899-3914	3.7	33
76	Two-phase approach to improve stream health modeling. <i>Ecological Informatics</i> , 2016 , 34, 13-21	4.2	9
75	Multiple linear regression, multi-layer perceptron network and adaptive neuro-fuzzy inference system for forecasting precipitation based on large-scale climate signals. <i>Hydrological Sciences Journal</i> , 2016 , 61, 1001-1009	3.5	74
74	Rebuttal to Estimation of dissolved oxygen using data-driven techniques in the Tai Po River, Hong Kong Samira Nemati, Mohammad Hasan Fazelifard, Ozlem Terzi and Mohammad Ali Ghorbani. <i>Environ Earth Science</i> (2015). Doi:10.1007/s12665-015-4450-3. <i>Environmental Earth Sciences</i> , 2016 , 75, 1	2.9	
73	Prediction of River Runoff Using Fuzzy Theory and Direct Search Optimization Algorithm Coupled Model. <i>Arabian Journal for Science and Engineering</i> , 2016 , 41, 4039-4051		20
72	Ecohydrological modeling for large-scale environmental impact assessment. <i>Science of the Total Environment</i> , 2016 , 543, 274-286	10.2	21
71	Prediction of solar radiation in China using different adaptive neuro-fuzzy methods and M5 model tree. <i>International Journal of Climatology</i> , 2017 , 37, 1141-1155	3.5	66
70	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	3	43
69	An ensemble forecast of semi-arid rainfall using large-scale climate predictors. <i>Meteorological Applications</i> , 2017 , 24, 376-386	2.1	36
68	Combination of Computational Fluid Dynamics, Adaptive Neuro-Fuzzy Inference System, and Genetic Algorithm for Predicting Discharge Coefficient of Rectangular Side Orifices. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2017 , 143, 04017015	1.1	37
67	A New Approach for Parameter Estimation of Autoregressive Models Using Adaptive Network-Based Fuzzy Inference System (ANFIS). <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2017 , 41, 317-327	1.1	4
66	Groundwater vulnerability indices conditioned by Supervised Intelligence Committee Machine (SICM). <i>Science of the Total Environment</i> , 2017 , 574, 691-706	10.2	76
65	Design of magnetic flywheel control for performance improvement of fuel cells used in vehicles. <i>Energy</i> , 2017 , 118, 840-852	7.9	22

64	Data-driven modeling for water quality prediction case study: The drains system associated with Manzala Lake, Egypt. <i>Ain Shams Engineering Journal</i> , 2017 , 8, 549-557	4.4	35
63	Precipitation forecasting using classification and regression trees (CART) model: a comparative study of different approaches. <i>Environmental Earth Sciences</i> , 2018 , 77, 1	2.9	52
62	Hybrid Adaptive Neuro-Fuzzy Models for Water Quality Index Estimation. <i>Water Resources Management</i> , 2018 , 32, 2227-2245	3.7	72
61	Assessing the potential of data-driven models for estimation of long-term monthly temperatures. <i>Computers and Electronics in Agriculture</i> , 2018 , 144, 114-125	6.5	21
60	Forecasting Daily Streamflow Discharges Using Various Neural Network Models and Training Algorithms. <i>KSCE Journal of Civil Engineering</i> , 2018 , 22, 3676-3685	1.9	16
59	Univariate streamflow forecasting using commonly used data-driven models: literature review and case study. <i>Hydrological Sciences Journal</i> , 2018 , 63, 1091-1111	3.5	37
58	Forecasting Daily Streamflow for Basins with Different Physical Characteristics through Data-Driven Methods. <i>Water Resources Management</i> , 2018 , 32, 3405-3422	3.7	24
57	A Comparative Study of Autoregressive, Autoregressive Moving Average, Gene Expression Programming and Bayesian Networks for Estimating Monthly Streamflow. <i>Water Resources Management</i> , 2018 , 32, 3001-3022	3.7	26
56	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	1.1	15
55	Non-tuned machine learning approach for hydrological time series forecasting. <i>Neural Computing and Applications</i> , 2018 , 30, 1479-1491	4.8	51
54	Comparison of multi-gene genetic programming and dynamic evolving neural-fuzzy inference system in modeling pan evaporation. 2018 , 49, 1221-1233		33
53	Prediction of river flow using hybrid neuro-fuzzy models. <i>Arabian Journal of Geosciences</i> , 2018 , 11, 1	1.8	23
52	Drought modeling: a comparative study between time series and neuro-fuzzy approaches. <i>Arabian Journal of Geosciences</i> , 2018 , 11, 1	1.8	18
51	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	3.5	35
50	Design and evaluation of SVR, MARS and M5Tree models for 1, 2 and 3-day lead time forecasting of river flow data in a semiarid mountainous catchment. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018 , 32, 2457-2476	3.5	30
49	Optimization of sugarcane bagasse pretreatment using alkaline hydrogen peroxide through ANN and ANFIS modelling. <i>Bioresource Technology</i> , 2018 , 267, 634-641	11	16
48	Streamflow Forecasting Using Four Wavelet Transformation Combinations Approaches with Data-Driven Models: A Comparative Study. <i>Water Resources Management</i> , 2018 , 32, 4661-4679	3.7	23
47	Evaluating the Performance of CHIRPS Satellite Rainfall Data for Streamflow Forecasting. <i>Water Resources Management</i> , 2019 , 33, 3913-3927	3.7	13

46	Monthly Runoff Prediction Using Wavelet Transform and Fast Resource Optimization Network (Fron) Algorithm. <i>Journal of Physics: Conference Series</i> , 2019 , 1302, 042005	0.3	
45	Evaluating hydraulic jump oxygen aeration by experimental observations and data driven techniques. <i>ISH Journal of Hydraulic Engineering</i> , 2019 , 1-15	1.5	3
44	Comparison of LSSVR, M5RT, NF-GP, and NF-SC Models for Predictions of Hourly Wind Speed and Wind Power Based on Cross-Validation. <i>Energies</i> , 2019 , 12, 329	3.1	35
43	Incorporating synoptic-scale climate signals for streamflow modelling over the Mediterranean region using machine learning models. <i>Hydrological Sciences Journal</i> , 2019 , 64, 1240-1252	3.5	43
42	Hybrid models to improve the monthly river flow prediction: Integrating artificial intelligence and non-linear time series models. <i>Journal of Hydrology</i> , 2019 , 575, 1200-1213	6	53
41	Development of the FCM-SVR Hybrid Model for Estimating the Suspended Sediment Load. <i>KSCE Journal of Civil Engineering</i> , 2019 , 23, 2514-2523	1.9	10
40	Time-frequency analysis and simulation of the watershed suspended sediment concentration based on the Hilbert-Huang transform (HHT) and artificial neural network (ANN) methods: A case study in the Loess Plateau of China. <i>Catena</i> , 2019 , 179, 107-118	5.8	26
39	Long-term modelling of wind speeds using six different heuristic artificial intelligence approaches. <i>International Journal of Climatology</i> , 2019 , 39, 3543-3557	3.5	14
38	Application of soft computing models in streamflow forecasting. <i>Water Management</i> , 2019 , 172, 123-134		12
37	Abutment scour depth modeling using neuro-fuzzy-embedded techniques. <i>Marine Georesources and Geotechnology</i> , 2019 , 37, 190-200	2.2	43
36	Evaluation of neuro-fuzzy and Bayesian techniques in estimating suspended sediment loads. <i>Sustainable Water Resources Management</i> , 2019 , 5, 639-654	1.9	7
35	Using AR, MA, and ARMA Time Series Models to Improve the Performance of MARS and KNN Approaches in Monthly Precipitation Modeling under Limited Climatic Data. <i>Water Resources Management</i> , 2020 , 34, 263-282	3.7	18
34	Least square support vector machine and multivariate adaptive regression splines for streamflow prediction in mountainous basin using hydro-meteorological data as inputs. <i>Journal of Hydrology</i> , 2020 , 586, 124371	6	81
33	Developing Novel Robust Models to Improve the Accuracy of Daily Streamflow Modeling. <i>Water Resources Management</i> , 2020 , 34, 3387-3409	3.7	37
32	Modeling groundwater quality by using hybrid intelligent and geostatistical methods. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 28183-28197	5.1	9
31	Reference Evapotranspiration Modeling Using New Heuristic Methods. <i>Entropy</i> , 2020 , 22,	2.8	19
30	Comparison study of artificial intelligence method for short term groundwater level prediction in the northeast Gachsaran unconfined aquifer. <i>Water Science and Technology: Water Supply</i> , 2020 , 20, 909-921	1.4	16
29	Assessment of the effective width of riparian buffer strips to reduce suspended sediment in an agricultural landscape using ANFIS and SWAT models. <i>Catena</i> , 2020 , 195, 104762	5.8	16

28	Drought modeling using classic time series and hybrid wavelet-gene expression programming models. <i>Journal of Hydrology</i> , 2020 , 587, 125017	6	23
27	Adaptive neuro-fuzzy inference system coupled with shuffled frog leaping algorithm for predicting river streamflow time series. <i>Hydrological Sciences Journal</i> , 2020 , 65, 1738-1751	3.5	45
26	Simulation for response surface in the HPLC optimization method development using artificial intelligence models: A data-driven approach. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2020 , 201, 104007	3.8	11
25	Developing hybrid time series and artificial intelligence models for estimating air temperatures. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021 , 35, 1189-1204	3.5	12
24	Inclusive Multiple Models (IMM) for predicting groundwater levels and treating heterogeneity. <i>Geoscience Frontiers</i> , 2021 , 12, 713-724	6	19
23	Short term rainfall-runoff modelling using several machine learning methods and a conceptual event-based model. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021 , 35, 597-616	3.5	19
22	Streamflow forecasting. 2021 , 1-50		3
21	A new soft computing model for daily streamflow forecasting. <i>Stochastic Environmental Research and Risk Assessment</i> , 1	3.5	9
20	A Comparative Study on Prediction of Monthly Streamflow Using Hybrid ANFIS-PSO Approaches. <i>KSCCE Journal of Civil Engineering</i> , 2021 , 25, 4032-4043	1.9	19
19	Prediction of the optimal dosage of coagulants in water treatment plants through developing models based on artificial neural network fuzzy inference system (ANFIS).. <i>Journal of Environmental Health Science & Engineering</i> , 2021 , 19, 1543-1553	2.9	2
18	Closure to the discussion of Ebtehaj et al. on "Comparative assessment of time series and artificial intelligence models to estimate monthly streamflow: A local and external data analysis approach" <i>Journal of Hydrology</i> , 2021 , 600, 126459	6	
17	A review on the applications of machine learning for runoff modeling. <i>Sustainable Water Resources Management</i> , 2021 , 7,	1.9	5
16	Evaluation of the Neuro-Fuzzy and Hybrid Wavelet-Neural Models Efficiency in River Flow Forecasting (Case Study: Mohmmad Abad Watershed). <i>Journal of Watershed Management Research</i> , 2019 , 10, 211-221	0.1	1
15	Spatial modeling of long-term air temperatures for sustainability: evolutionary fuzzy approach and neuro-fuzzy methods. <i>PeerJ</i> , 2020 , 8, e8882	3.1	1
14	Prediction of torrefied biomass properties from raw biomass. <i>Renewable Energy</i> , 2022 , 182, 578-591	8.1	5
13	Machine Learning-Based Short-Term GPS TEC Forecasting During High Solar Activity and Magnetic Storm Periods. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2022 , 15, 115-126	4.7	1
12	A Comparative Analysis of Data-Driven Models (SVR, ANFIS, and ANNs) for Daily Karst Spring Discharge Prediction. <i>Water Resources Management</i> , 2022 , 36, 589-609	3.7	2
11	Development of chemometrics-based neurocomputing paradigm for simulation of manganese extraction using solid-phase tea waste. <i>Modeling Earth Systems and Environment</i> , 1	3.2	1

10	Evaluating the Impact of Large-Scale Climatic Indices as Inputs for Forecasting Monthly River Flow in Mazandaran Province, Iran. <i>Pure and Applied Geophysics</i> , 1	2.2	1
9	Groundwater Level Simulation Using Soft Computing Methods with Emphasis on Major Meteorological Components. <i>Water Resources Management</i> ,	3.7	0
8	Application of artificial intelligence models for prediction of groundwater level fluctuations: case study (Tehran-Karaj alluvial aquifer). 2022 , 194,		0
7	Comparative evaluation of classic and seasonal time series hybrid models in predicting electrical conductivity of Maroun river, Iran. 2022 , 8,		0
6	Comprehensive Review: Advancements in Rainfall-Runoff Modelling for Flood Mitigation. 2022 , 10, 147		0
5	Monthly Streamflow Prediction by Metaheuristic Regression Approaches Considering Satellite Precipitation Data. 2022 , 14, 3636		1
4	Investigation of Impact of Vapor Pressure on Hybrid Streamflow Prediction Modeling.		0
3	Application of Hybridized ANN-GARCH, ANN-SETAR, MARS-SPSO and CANFIS-SPSO Meta-Models for Improving Accuracy of Monthly Streamflow Prediction.		0
2	Artificial intelligence models for prediction of monthly rainfall without climatic data for meteorological stations in Ethiopia. 2023 , 10,		0
1	Past, Present, and Future of Using Neuro-Fuzzy Systems for Hydrological Modeling and Forecasting. 2023 , 10, 36		0