

Jianxun He He

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

778
citations

567281

15
h-index

526287

27
g-index

39
all docs

39
docs citations

39
times ranked

835
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced profile likelihood method for the nonstationary hydrological frequency analysis. <i>Advances in Water Resources</i> , 2022, 161, 104151.	3.8	3
2	Hydrological behaviour of an unregulated eastern slope river under changing historical climate. <i>Canadian Water Resources Journal</i> , 2022, 47, 137-153.	1.2	1
3	An improved adaptive neuro fuzzy inference system model using conjoined metaheuristic algorithms for electrical conductivity prediction. <i>Scientific Reports</i> , 2022, 12, 4934.	3.3	33
4	Hydrological frequency analysis under nonstationarity using the Metastatistical approach and its simplified version. <i>Advances in Water Resources</i> , 2022, 166, 104244.	3.8	9
5	The decomposition-based nonstationary flood frequency analysis. <i>Journal of Hydrology</i> , 2022, 612, 128186.	5.4	5
6	Stationary hydrological frequency analysis coupled with uncertainty assessment under nonstationary scenarios. <i>Journal of Hydrology</i> , 2021, 598, 125725.	5.4	9
7	Nutrient leaching behavior of green roofs: Laboratory and field investigations. <i>Science of the Total Environment</i> , 2021, 754, 141841.	8.0	16
8	Urbanization under a Changing Climate—Impacts on Hydrology. <i>Water (Switzerland)</i> , 2021, 13, 393.	2.7	3
9	Influence of Temperature and Moisture Content on Thermal Performance of Green Roof Media. <i>Energies</i> , 2021, 14, 2421.	3.1	8
10	Flood Impact Assessments on Transportation Networks: A Review of Methods and Associated Temporal and Spatial Scales. <i>Frontiers in Sustainable Cities</i> , 2021, 3, .	2.4	18
11	Flood Hazard Estimation under Nonstationarity Using the Particle Filter. <i>Geosciences (Switzerland)</i> , 2021, 11, 13.	2.2	3
12	Trends and Non-Stationarity in Groundwater Level Changes in Rapidly Developing Indian Cities. <i>Water (Switzerland)</i> , 2020, 12, 3209.	2.7	16
13	A Velocity Meter for Quantifying Advection Velocity Vectors in Large Water Bodies. <i>Sensors</i> , 2020, 20, 7204.	3.8	1
14	Chemical leaching behaviour of a full-scale green roof in a cold and semi-arid climate. <i>Ecological Engineering</i> , 2020, 147, 105768.	3.6	13
15	The impact of media, plants and their interactions on bioretention performance: A review. <i>Science of the Total Environment</i> , 2020, 715, 136918.	8.0	77
16	Uncertainty quantification using the particle filter for non-stationary hydrological frequency analysis. <i>Journal of Hydrology</i> , 2020, 584, 124666.	5.4	19
17	Phosphorus and nitrogen storage, partitioning, and export in a large gravel bed river. <i>Science of the Total Environment</i> , 2019, 657, 717-730.	8.0	7
18	An Integrated Hydrological-CFD Model for Estimating Bacterial Levels in Stormwater Ponds. <i>Water (Switzerland)</i> , 2019, 11, 1016.	2.7	5

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19	Climate and Land Use Influences on Bacteria Levels in Stormwater. <i>Water (Switzerland)</i> , 2019, 11, 2451.	2.7	10
20	Enhancement of Model Reliability by Integrating Prediction Interval Optimization into Hydrogeological Modeling. <i>Water Resources Management</i> , 2019, 33, 229-243.	3.9	10
21	River flood prediction using fuzzy neural networks: an investigation on automated network architecture. <i>Water Science and Technology</i> , 2018, 2017, 238-247.	2.5	23
22	Probabilistic and ensemble simulation approaches for input uncertainty quantification of artificial neural network hydrological models. <i>Hydrological Sciences Journal</i> , 2018, 63, 101-113.	2.6	13
23	A Review of Green Roof Applications for Managing Urban Stormwater in Different Climatic Zones. <i>Sustainability</i> , 2018, 10, 2864.	3.2	70
24	Response of green roof performance to multiple hydrologic and design variables: a laboratory investigation. <i>Water Science and Technology</i> , 2018, 77, 2834-2840.	2.5	9
25	Riverine Water Quality Response to Precipitation and Its Change. <i>Environments - MDPI</i> , 2018, 5, 8.	3.3	34
26	Flood frequency analysis using multi-objective optimization based interval estimation approach. <i>Journal of Hydrology</i> , 2017, 545, 251-262.	5.4	15
27	Three Types of Permeable Pavements in Cold Climates: Hydraulic and Environmental Performance. <i>Journal of Environmental Engineering, ASCE</i> , 2016, 142, .	1.4	28
28	Relative importance of P and N in macrophyte and epilithic algae biomass in a wastewater-impacted oligotrophic river. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 494.	2.7	7
29	The Influence of Design Parameters on Stormwater Pollutant Removal in Permeable Pavements. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	27
30	Potential application of wavelet neural network ensemble to forecast streamflow for flood management. <i>Journal of Hydrology</i> , 2016, 536, 161-173.	5.4	121
31	Development of Flow Forecasting Models in the Bow River at Calgary, Alberta, Canada. <i>Water (Switzerland)</i> , 2015, 7, 99-115.	2.7	17
32	Bias compensation in flood frequency analysis. <i>Hydrological Sciences Journal</i> , 2015, 60, 381-401.	2.6	12
33	Non-linear fuzzy-set based uncertainty propagation for improved DO prediction using multiple-linear regression. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013, 27, 599-616.	4.0	17
34	A Data Driven Approach to Bioretention Cell Performance: Prediction and Design. <i>Water (Switzerland)</i> , 2013, 5, 13-28.	2.7	18
35	Winter Performance of Inter-Locking Pavers—Stormwater Quantity and Quality. <i>Water (Switzerland)</i> , 2012, 4, 995-1008.	2.7	24
36	Stormwater quantity and quality response to climate change using artificial neural networks. <i>Hydrological Processes</i> , 2011, 25, 1298-1312.	2.6	29

#	ARTICLE	IF	CITATIONS
37	Characteristics of Suspended Solids, Microorganisms, and Chemical Water Quality in Event-Based Stormwater Runoff from an Urban Residential Area. <i>Water Environment Research</i> , 2010, 82, 2333-2345.	2.7	27
38	Characterizing Physicochemical Quality of Storm-Water Runoff from an Urban Area in Calgary, Alberta. <i>Journal of Environmental Engineering, ASCE</i> , 2010, 136, 1206-1217.	1.4	21
39	Closure to "Comparative Study of ANNs versus Parametric Methods in Rainfall Frequency Analysis" by Jianxun He and Caterina Valeo. <i>Journal of Hydrologic Engineering - ASCE</i> , 2010, 15, 322-325.	1.9	0