

Yuankun Wang

List of Publications by Year in descending order

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62
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citations

257101

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#	ARTICLE	IF	CITATIONS
1	A Stepwise and Dynamic C-Vine Copula-Based Approach for Nonstationary Monthly Streamflow Forecasts. <i>Journal of Hydrologic Engineering - ASCE</i> , 2022, 27, .	0.8	4
2	A framework for assessing river thermal regime alteration: A case study of the Hanjiang River. <i>Journal of Hydrology</i> , 2022, 610, 127798.	2.3	7
3	Quantitative Assessment of Climatic and Reservoir-Induced Effects on River Water Temperature Using Bayesian Network-Based Approach. <i>Water (Switzerland)</i> , 2022, 14, 1200.	1.2	1
4	A novel method for calculating distributed water depth and flow velocity of stormwater runoff during the heavy rainfall events. <i>Journal of Hydrology</i> , 2022, 612, 128064.	2.3	5
5	Effect of Uncertainty in Historical Data on Flood Frequency Analysis Using Bayesian Method. <i>Journal of Hydrologic Engineering - ASCE</i> , 2021, 26, 04021011.	0.8	3
6	River water temperature forecasting using a deep learning method. <i>Journal of Hydrology</i> , 2021, 595, 126016.	2.3	49
7	Developing an entropy and copula-based approach for precipitation monitoring network expansion. <i>Journal of Hydrology</i> , 2021, 598, 126366.	2.3	10
8	A C-vine copula framework to predict daily water temperature in the Yangtze River. <i>Journal of Hydrology</i> , 2021, 598, 126430.	2.3	16
9	Time-varying copula and average annual reliability-based nonstationary hazard assessment of extreme rainfall events. <i>Journal of Hydrology</i> , 2021, 603, 126792.	2.3	11
10	A time-varying drought identification and frequency analyzation method: A case study of Jinsha River Basin. <i>Journal of Hydrology</i> , 2021, 603, 126864.	2.3	14
11	Developing a dual entropy-transinformation criterion for hydrometric network optimization based on information theory and copulas. <i>Environmental Research</i> , 2020, 180, 108813.	3.7	5
12	Streamflow and rainfall forecasting by two long short-term memory-based models. <i>Journal of Hydrology</i> , 2020, 583, 124296.	2.3	158
13	Impacts of Streamflow and Topographic Changes on Water Level during the Dry Season of Poyang Lake, China. <i>Journal of Hydrologic Engineering - ASCE</i> , 2020, 25, .	0.8	8
14	Quantifying the impacts of the Three Gorges Reservoir on water temperature in the middle reach of the Yangtze River. <i>Journal of Hydrology</i> , 2020, 582, 124476.	2.3	48
15	Quantifying the change in streamflow complexity in the Yangtze River. <i>Environmental Research</i> , 2020, 180, 108833.	3.7	25
16	Information theory-based multi-objective design of rainfall network for streamflow simulation. <i>Advances in Water Resources</i> , 2020, 135, 103476.	1.7	9
17	Copula-based seasonal rainfall simulation considering nonstationarity. <i>Journal of Hydrology</i> , 2020, 590, 125439.	2.3	8
18	Multivariate Hazard Assessment for Nonstationary Seasonal Flood Extremes Considering Climate Change. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032780.	1.2	8

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19	Water temperature forecasting based on modified artificial neural network methods: Two cases of the Yangtze River. <i>Science of the Total Environment</i> , 2020, 737, 139729.	3.9	57
20	Impacts of cascade reservoirs on Yangtze River water temperature: Assessment and ecological implications. <i>Journal of Hydrology</i> , 2020, 590, 125240.	2.3	53
21	A probabilistic modeling framework for assessing the impacts of large reservoirs on river thermal regimes – A case of the Yangtze River. <i>Environmental Research</i> , 2020, 183, 109221.	3.7	12
22	A hybrid statistical model for ecological risk integral assessment of PAHs in sediments. <i>Journal of Hydrology</i> , 2020, 583, 124612.	2.3	9
23	Vine copula selection using mutual information for hydrological dependence modeling. <i>Environmental Research</i> , 2020, 186, 109604.	3.7	31
24	Streamflow forecasting using extreme gradient boosting model coupled with Gaussian mixture model. <i>Journal of Hydrology</i> , 2020, 586, 124901.	2.3	108
25	Improved comprehensive ecological risk assessment method and sensitivity analysis of polycyclic aromatic hydrocarbons (PAHs). <i>Environmental Research</i> , 2020, 187, 109500.	3.7	6
26	Evaluation of information transfer and data transfer models of rain-gauge network design based on information entropy. <i>Environmental Research</i> , 2019, 178, 108686.	3.7	9
27	A hybrid model-based framework for estimating ecological risk. <i>Journal of Cleaner Production</i> , 2019, 225, 1230-1240.	4.6	9
28	Non-stationary frequency analysis of annual extreme rainfall volume and intensity using Archimedean copulas: A case study in eastern China. <i>Journal of Hydrology</i> , 2019, 571, 114-131.	2.3	45
29	Impacts of large dams on the complexity of suspended sediment dynamics in the Yangtze River. <i>Journal of Hydrology</i> , 2018, 558, 184-195.	2.3	74
30	Optimization of rainfall networks using information entropy and temporal variability analysis. <i>Journal of Hydrology</i> , 2018, 559, 136-155.	2.3	24
31	Investigating the impacts of cascade hydropower development on the natural flow regime in the Yangtze River, China. <i>Science of the Total Environment</i> , 2018, 624, 1187-1194.	3.9	76
32	Ecological and health risk assessment of PAHs, OCPs, and PCBs in Taihu Lake basin. <i>Ecological Indicators</i> , 2018, 92, 171-180.	2.6	48
33	A hybrid wavelet de-noising and Rank-Set Pair Analysis approach for forecasting hydro-meteorological time series. <i>Environmental Research</i> , 2018, 160, 269-281.	3.7	32
34	A new method for wind speed forecasting based on copula theory. <i>Environmental Research</i> , 2018, 160, 365-371.	3.7	26
35	A kriging and entropy-based approach to raingauge network design. <i>Environmental Research</i> , 2018, 161, 61-75.	3.7	30
36	Water Regime Evolution of Large Seasonal Lakes: Indicators for Characterization and an Application in Poyang Lake, China. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2598.	1.2	11

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37	Optimal moment determination in POME-copula based hydrometeorological dependence modelling. <i>Advances in Water Resources</i> , 2017, 105, 39-50.	1.7	13
38	A framework to assess the cumulative impacts of dams on hydrological regime: A case study of the Yangtze River. <i>Hydrological Processes</i> , 2017, 31, 3045-3055.	1.1	60
39	A two-phase copula entropy-based multiobjective optimization approach to hydrometeorological gauge network design. <i>Journal of Hydrology</i> , 2017, 555, 228-241.	2.3	20
40	Investigation into Multi-Temporal Scale Complexity of Streamflows and Water Levels in the Poyang Lake Basin, China. <i>Entropy</i> , 2017, 19, 67.	1.1	10
41	Assessment of the flow regime alterations in the middle reach of the Yangtze River associated with dam construction: potential ecological implications. <i>Hydrological Processes</i> , 2016, 30, 3949-3966.	1.1	138
42	A multidimension cloud model-based approach for water quality assessment. <i>Environmental Research</i> , 2016, 149, 113-121.	3.7	63
43	A cloud model-based approach for water quality assessment. <i>Environmental Research</i> , 2016, 148, 24-35.	3.7	97
44	Entropy of hydrological systems under small samples: Uncertainty and variability. <i>Journal of Hydrology</i> , 2016, 532, 163-176.	2.3	14
45	Mid- and long-term runoff predictions by an improved phase-space reconstruction model. <i>Environmental Research</i> , 2016, 148, 560-573.	3.7	27
46	Eutrophication Hazard Evaluation Using Copula-Cloud. <i>Journal of Risk Analysis and Crisis Response (JRACR)</i> , 2016, 6, 10.	0.1	1
47	A hybrid wavelet analysisâ€“cloud model dataâ€“extending approach for meteorologic and hydrologic time series. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 4057-4071.	1.2	15
48	Assessing the impact of Danjiangkou reservoir on ecohydrological conditions in Hanjiang river, China. <i>Ecological Engineering</i> , 2015, 81, 41-52.	1.6	57
49	A risk assessment method based on RBF artificial neural network - cloud model for urban water hazard. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014, 27, 2409-2416.	0.8	32
50	Variable Fuzzy Set Theory to Assess Water Quality of the Meiliang Bay in Taihu Lake Basin. <i>Water Resources Management</i> , 2014, 28, 867-880.	1.9	37
51	A timeâ€“series model for assessing instantaneous physical conditions in carp habitats. <i>Ecohydrology</i> , 2013, 6, 393-401.	1.1	6
52	Risk Assessment for a Flood Control Engineering System Using Fuzzy Theory: A Case in China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2013, 19, 400-409.	1.7	3
53	Impact of the Three Gorges and Gezhouba Reservoirs on Ecohydrological Conditions for Sturgeon in the Yangtze River, China. <i>Journal of Hydrologic Engineering - ASCE</i> , 2013, 18, 1563-1570.	0.8	15
54	WD-RBF Model and its Application of Hydrologic Time Series Prediction. <i>Journal of Risk Analysis and Crisis Response (JRACR)</i> , 2013, 3, 185.	0.1	1

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55	Assessing the Interactions between Chlorophyll <i>a</i> and Environmental Variables Using Copula Method. <i>Journal of Hydrologic Engineering - ASCE</i> , 2012, 17, 495-506.	0.8	14
56	A transitional region concept for assessing the effects of reservoirs on river habitats: a case of Yangtze River, China. <i>Ecohydrology</i> , 2012, 5, 28-35.	1.1	23
57	Characterization of hydraulic suitability of Chinese sturgeon (<i>Acipenser sinensis</i>) spawning habitat in the Yangtze River. <i>Hydrological Processes</i> , 2012, 26, 3489-3498.	1.1	16
58	Assessing the effect of Separation Levee Project on Chinese sturgeon (<i>Acipenser sinensis</i>) spawning habitat suitability in Yangtze River, China. <i>Aquatic Ecology</i> , 2011, 45, 255-266.	0.7	17
59	A Variable Fuzzy Set Assessment Model for Water Shortage Risk: Two Case Studies from China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2011, 17, 631-645.	1.7	12
60	Non-Carcinogenic Baseline Risk Assessment of Heavy Metals in the Taihu Lake Basin, China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2011, 17, 212-218.	1.7	12
61	Assessing spawning ground hydraulic suitability for Chinese sturgeon (<i>Acipenser sinensis</i>) from horizontal mean vorticity in Yangtze River. <i>Ecological Modelling</i> , 2009, 220, 1443-1448.	1.2	31
62	Entropy Based Multicriterion Evaluation for Rainfall Monitoring Networks under the Impact of Discretization. , 0, , .		0