

# Junfei Chen

## List of Publications by Year in descending order

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27  
papers

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citations

1040056

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	A Machine Learning Ensemble Approach Based on Random Forest and Radial Basis Function Neural Network for Risk Evaluation of Regional Flood Disaster: A Case Study of the Yangtze River Delta, China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 49.	2.6	99
2	Statistical Uncertainty Estimation Using Random Forests and Its Application to Drought Forecast. <i>Mathematical Problems in Engineering</i> , 2012, 2012, 1-12.	1.1	49
3	A Fuzzy ANP-Based Approach to Evaluate Region Agricultural Drought Risk. <i>Procedia Engineering</i> , 2011, 23, 822-827.	1.2	44
4	Study on Vulnerability and Coordination of Water-Energy-Food System in Northwest China. <i>Sustainability</i> , 2018, 10, 3712.	3.2	31
5	On the Coupling and Coordination Development between Environment and Economy: A Case Study in the Yangtze River Delta of China. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 586.	2.6	28
6	Research on Total Factor Productivity and Influential Factors of the Regional Water-Energy-Food Nexus: A Case Study on Inner Mongolia, China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3051.	2.6	21
7	Multi-Objective Optimal Allocation of Urban Water Resources While Considering Conflict Resolution Based on the PSO Algorithm: A Case Study of Kunming, China. <i>Sustainability</i> , 2020, 12, 1337.	3.2	16
8	Optimization of Regional Water-Energy-Food Systems Based on Interval Number Multi-Objective Programming: A Case Study of Ordos, China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7508.	2.6	13
9	Multi-Objective Optimization of a Regional Water-Energy-Food System Considering Environmental Constraints: A Case Study of Inner Mongolia, China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6834.	2.6	12
10	Risk Assessment of Drought, Based on IDM-VFS in the Nanpan River Basin, Yunnan Province, China. <i>Sustainability</i> , 2017, 9, 1124.	3.2	9
11	Agricultural Drought Risk Evaluation Based on an Optimized Comprehensive Index System. <i>Sustainability</i> , 2018, 10, 3465.	3.2	9
12	Risk Assessment of Urban Rainstorm Disaster Based on Multi-Layer Weighted Principal Component Analysis: A Case Study of Nanjing, China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5523.	2.6	8
13	An ensemble risk assessment model for urban rainstorm disasters based on random forest and deep belief nets: a case study of Nanjing, China. <i>Natural Hazards</i> , 2021, 107, 2671-2692.	3.4	8
14	Research on Urban Water Security Evaluation Based on Unascertained Measure Model. , 2009, , .		7
15	Risk Assessment of Drought Based on IEAPP-IDM in Qujing, Yunnan Province, China. <i>Advances in Meteorology</i> , 2016, 2016, 1-10.	1.6	7
16	Spatio-temporal evaluation of the emergency capacity of the cross-regional rain-flood disaster in the Yangtze River Economic Belt in China. <i>Scientific Reports</i> , 2021, 11, 2580.	3.3	7
17	Pricing and Simulation for Extreme Flood Catastrophe Bonds. <i>Water Resources Management</i> , 2013, 27, 3713-3725.	3.9	5
18	RISK ASSESSMENT AND CLASSIFICATION FOR DETENTION BASINS BASED ON PARTICLE SWARM OPTIMIZATION - SUPPORT VECTOR REGRESSION (PSO-SVR) IN HUIAIHE RIVER BASIN, CHINA. <i>Environmental Engineering and Management Journal</i> , 2013, 12, 1843-1848.	0.6	4

#	ARTICLE	IF	CITATIONS
19	Using Multiple Index Comprehensive Method to Assess Urban Rainstorm Disaster Risk in Jiangsu Province, China. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-10.	1.1	3
20	A WebGIS-Based System for Urban Stormwater Risk Analysis Using a Cloud Matter-Element Model. <i>International Journal of Intelligent Information Technologies</i> , 2020, 16, 80-99.	0.8	3
21	Does the construction of an integrated transport network promote urban innovation? A perspective based on the theory of flow space. <i>PLoS ONE</i> , 2021, 16, e0259974.	2.5	3
22	Study on Inventory in Supply Chain of South-to-North Water Transfer under Asymmetric Information. , 2006, , .		1
23	Software Project Management Evaluation Based on Evidence Theory. , 2009, , .		1
24	Research on river water quality assessment of eastern route of south-to-north water transfers based on grey cluster evaluation model. , 2009, , .		1
25	Performance evaluation of green supply chain based on entropy weight grey system model. , 2009, , .		1
26	Research on Regional Flood Disaster Risk Assessment Based on PCA and BP Neural Network. , 2010, , .		1
27	Information Flow Modeling of South-to-North Water Diversion Supply Chain Based on Time Compression. , 2009, , .		0