Li Chunhui

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Eutrophication risk assessment considering joint effects of water quality and water quantity for a receiving reservoir in the South-to-North Water Transfer Project, China. Journal of Cleaner Production, 2022, 331, 129966.	9.3	19
2	A Developed Method of Water Pollution Control Based on Environmental Capacity and Environmental Flow in Luanhe River Basin. Water (Switzerland), 2022, 14, 730.	2.7	3
3	Sustainability of Water Resources in Shandong Province Based on a System Dynamics Model of Water–Economy–Society for the Lower Yellow River. Sustainability, 2022, 14, 3412.	3.2	2
4	Spatial and Temporal Changes in Wetland in Dongting Lake Basin of China under Long Time Series from 1990 to 2020. Sustainability, 2022, 14, 3620.	3.2	6
5	Efficiency of Water Pollution Control Based on a Three-Stage SBM-DEA Model. Water (Switzerland), 2022, 14, 1453.	2.7	5
6	Assessment of hydrological response to multiyear drought: Insights from lag characteristics and shift magnitude. Hydrological Processes, 2022, 36, .	2.6	2
7	An inexact modeling approach for supporting water resources allocation under natural and social complexities in a border city of China and Myanmar. Resources, Conservation and Recycling, 2021, 168, 105245.	10.8	8
8	A probabilistic conceptual model to attribute runoff variations to human activity. Hydrological Sciences Journal, 2021, 66, 309-321.	2.6	3
9	Rethinking Environmental Flows for the Yellow River Estuary by Trading Off Crop Yield and Ecological Benefits. Agriculture (Switzerland), 2021, 11, 116.	3.1	0
10	Dynamic flows of polyethylene terephthalate (PET) plastic in China. Waste Management, 2021, 124, 273-282.	7.4	49
11	Effect of water-level fluctuations on methane and carbon dioxide dynamics in a shallow lake of Northern China: Implications for wetland restoration. Journal of Hydrology, 2021, 597, 126169.	5.4	11
12	An integrated simulation-optimization modeling system for water resources management under coupled impacts of climate and land use variabilities with priority in ecological protection. Advances in Water Resources, 2021, 154, 103986.	3.8	6
13	Regulation of Vegetation and Evapotranspiration by Water Level Fluctuation in Shallow Lakes. Water (Switzerland), 2021, 13, 2651.	2.7	2
14	Machine Learning-Based Prediction of Chlorophyll-a Variations in Receiving Reservoir of World's Largest Water Transfer Project—A Case Study in the Miyun Reservoir, North China. Water (Switzerland), 2021, 13, 2406.	2.7	13
15	Spatial interactions among ecosystem services and the identification of win-win areas at the regional scale. Ecological Complexity, 2021, 47, 100938.	2.9	6
16	A stochastic modeling approach for analyzing water resources systems. Journal of Contaminant Hydrology, 2021, 242, 103865.	3.3	5
17	Water security assessment with the improvement of modifying the boundary consistency between footprint and provision. Science of the Total Environment, 2021, 801, 149639.	8.0	9
18	Analysis and Prediction of Sustainable Utilization of Water Resources in Chengde City Based on System Dynamics Model. Water (Switzerland), 2021, 13, 3534.	2.7	3
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19	Vegetation dynamics under water-level fluctuations: Implications for wetland restoration. Journal of Hydrology, 2020, 581, 124418.	5.4	39
20	Historical evolution of lead-acid battery system and its relationship with external environment based on the composite flow. Science of the Total Environment, 2020, 707, 134746.	8.0	7
21	A method for determining reasonable water area ratio based on flood risk and cost-effectiveness in Rainy City. Environmental Earth Sciences, 2020, 79, 1.	2.7	7
22	The changes in physicochemical and stable isotope compositions in the lower Yellow River of China due to artificial flooding. Journal of Environmental Management, 2020, 276, 111205.	7.8	3
23	Assessment and prediction of the water ecological carrying capacity in Changzhou city, China. Journal of Cleaner Production, 2020, 277, 123988.	9.3	46
24	Joint probability-based classifier based on vine copula method for land use classification of multispectral remote sensing data. Earth Science Informatics, 2020, 13, 1079-1092.	3.2	3
25	An In-Depth Assessment of Water Resource Responses to Regional Development Policies Using Hydrological Variation Analysis and System Dynamics Modeling. Sustainability, 2020, 12, 5814.	3.2	5
26	Dynamic Model of a Sustainable Water Resources Utilization System with Coupled Water Quality and Quantity in Tianjin City. Sustainability, 2020, 12, 4254.	3.2	11
27	An Improved Ecological Footprint Method for Water Resources Utilization Assessment in the Cities. Water (Switzerland), 2020, 12, 503.	2.7	25
28	Ecological risk assessment of petroleum hydrocarbons on aquatic organisms based on multisource data. Ecotoxicology and Environmental Safety, 2020, 192, 110262.	6.0	12
29	An Improved Model for Investigating Dual Effects of Vegetation Density Variations and Groundwater Level Fluctuations on Water Transport and Dissipation in Raised Field Wetlands. Wetlands, 2020, 40, 1241-1256.	1.5	1
30	Analyzing the influence of landscape pattern change on ecological water requirements in an arid/semiarid region of China. Journal of Hydrology, 2019, 578, 124098.	5.4	34
31	Sustainable Developmental Evaluation of Foreign Trade Based on Emergy Analysis Method in Shenzhen City, China. Sustainability, 2019, 11, 3035.	3.2	3
32	Hydrological Responses to Climate and Land Use Changes in a Watershed of the Loess Plateau, China. Sustainability, 2019, 11, 1443.	3.2	31
33	Mechanisms and applications of green infrastructure practices for stormwater control: A review. Journal of Hydrology, 2019, 568, 626-637.	5.4	139
34	Agricultural non-point source pollution management in a reservoir watershed based on ecological network analysis of soil nitrogen cycling. Environmental Science and Pollution Research, 2018, 25, 9071-9084.	5.3	16
35	A hybrid system dynamics and optimization approach for supporting sustainable water resources planning in Zhengzhou City, China. Journal of Hydrology, 2018, 556, 50-60.	5.4	43
36	An Integrated Investigation of Spatiotemporal Habitat Quality Dynamics and Driving Forces in the Upper Basin of Miyun Reservoir, North China. Sustainability, 2018, 10, 4625.	3.2	31

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37	NDVI dynamics under changing meteorological factors in a shallow lake in future metropolitan, semiarid area in North China. Scientific Reports, 2018, 8, 15971.	3.3	19
38	Trade-Off Analysis to Determine Environmental Flows in a Highly Regulated Watershed. Scientific Reports, 2018, 8, 14130.	3.3	13
39	Application of Wall and Insulation Materials on Green Building: A Review. Sustainability, 2018, 10, 3331.	3.2	61
40	An Integrated Method for Accounting for Water Environmental Capacity of the River–Reservoir Combination System. Water (Switzerland), 2018, 10, 483.	2.7	9
41	Investigation of the spatio-temporal dynamics in landscape variations in a shallow lake based on a new Tendency-Pattern-Service conceptual framework. Journal of Cleaner Production, 2017, 161, 1074-1084.	9.3	17
42	Identifying priority management intervals of discharge and TN/TP concentration with copula analysis for Miyun Reservoir inflows, North China. Science of the Total Environment, 2017, 609, 1258-1269.	8.0	23
43	Interval Optimization Model Considering Terrestrial Ecological Impacts for Water Rights Transfer from Agriculture to Industry in Ningxia, China. Scientific Reports, 2017, 7, 3465.	3.3	14
44	An improved multi-objective optimization model for supporting reservoir operation of China's South-to-North Water Diversion Project. Science of the Total Environment, 2017, 575, 970-981.	8.0	65
45	Effects of Urban Non-Point Source Pollution from Baoding City on Baiyangdian Lake, China. Water (Switzerland), 2017, 9, 249.	2.7	27
46	A Connection Entropy Approach to Water Resources Vulnerability Analysis in a Changing Environment. Entropy, 2017, 19, 591.	2.2	16
47	Forewarning Model of Regional Water Resources Carrying Capacity Based on Combination Weights and Entropy Principles. Entropy, 2017, 19, 574.	2.2	31
48	Bayesian network-based risk assessment for hazmat transportation on the Middle Route of the South-to-North Water Transfer Project in China. Stochastic Environmental Research and Risk Assessment, 2016, 30, 841-857.	4.0	38
49	Risk assessment of water pollution sources based on an integrated k-means clustering and set pair analysis method in the region of Shiyan, China. Science of the Total Environment, 2016, 557-558, 307-316.	8.0	83
50	A Structurally Simplified Hybrid Model of Genetic Algorithm and Support Vector Machine for Prediction of Chlorophyll a in Reservoirs. Water (Switzerland), 2015, 7, 1610-1627.	2.7	18
51	A Bayesian Method for Water Resources Vulnerability Assessment: A Case Study of the Zhangjiakou Region, North China. Mathematical Problems in Engineering, 2015, 2015, 1-16.	1.1	1
52	An improved method for integrated water security assessment in the Yellow River basin, China. Stochastic Environmental Research and Risk Assessment, 2015, 29, 2213-2227.	4.0	42
53	Variation analysis of streamflow and ecological flow for the twin rivers of the Miyun Reservoir Basin in northern China from 1963 to 2011. Science of the Total Environment, 2015, 536, 739-749.	8.0	27
54	Spatiotemporal analysis of temperature trends under climate change in the source region of the Yellow River, China. Theoretical and Applied Climatology, 2015, 119, 123-133.	2.8	16

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55	A Bayesian method for comprehensive water quality evaluation of the Danjiangkou Reservoir water source area, for the middle route of the South-to-North Water Diversion Project in China. Frontiers of Earth Science, 2014, 8, 242-250.	2.1	29
56	A hybrid life-cycle and fuzzy-set-pair analyses approach for comprehensively evaluating impacts of industrial wastewater under uncertainty. Journal of Cleaner Production, 2014, 80, 57-68.	9.3	48
57	Interactions between Polluted River and Groundwater – A Case Study of the Weihe River, China. , 2012, , .		0
58	Development of KM System for Intergrated Management of Water Resources and Environment in Zhangweinan Subbasin, China. , 2012, , .		1
59	Estimation of ecological flow requirement in Zoige Alpine Wetland of southwest China. Environmental Earth Sciences, 2012, 66, 1525-1533.	2.7	20
60	Interval-Based Air Quality Index Optimization Model for Regional Environmental Management Under Uncertainty. Environmental Engineering Science, 2009, 26, 1585-1597.	1.6	11
61	Natural runoff changes in the Yellow River Basin. Journal of Chinese Geography, 2004, 14, 427-436.	3.9	10