

Li Chunhui

List of Publications by Year in descending order

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61
papers

1,247
citations

361045

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62
all docs

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docs citations

62
times ranked

1225
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms and applications of green infrastructure practices for stormwater control: A review. <i>Journal of Hydrology</i> , 2019, 568, 626-637.	2.3	139
2	Risk assessment of water pollution sources based on an integrated k-means clustering and set pair analysis method in the region of Shiyao, China. <i>Science of the Total Environment</i> , 2016, 557-558, 307-316.	3.9	83
3	An improved multi-objective optimization model for supporting reservoir operation of China's South-to-North Water Diversion Project. <i>Science of the Total Environment</i> , 2017, 575, 970-981.	3.9	65
4	Application of Wall and Insulation Materials on Green Building: A Review. <i>Sustainability</i> , 2018, 10, 3331.	1.6	61
5	Dynamic flows of polyethylene terephthalate (PET) plastic in China. <i>Waste Management</i> , 2021, 124, 273-282.	3.7	49
6	A hybrid life-cycle and fuzzy-set-pair analyses approach for comprehensively evaluating impacts of industrial wastewater under uncertainty. <i>Journal of Cleaner Production</i> , 2014, 80, 57-68.	4.6	48
7	Assessment and prediction of the water ecological carrying capacity in Changzhou city, China. <i>Journal of Cleaner Production</i> , 2020, 277, 123988.	4.6	46
8	A hybrid system dynamics and optimization approach for supporting sustainable water resources planning in Zhengzhou City, China. <i>Journal of Hydrology</i> , 2018, 556, 50-60.	2.3	43
9	An improved method for integrated water security assessment in the Yellow River basin, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2015, 29, 2213-2227.	1.9	42
10	Vegetation dynamics under water-level fluctuations: Implications for wetland restoration. <i>Journal of Hydrology</i> , 2020, 581, 124418.	2.3	39
11	Bayesian network-based risk assessment for hazmat transportation on the Middle Route of the South-to-North Water Transfer Project in China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016, 30, 841-857.	1.9	38
12	Analyzing the influence of landscape pattern change on ecological water requirements in an arid/semiarid region of China. <i>Journal of Hydrology</i> , 2019, 578, 124098.	2.3	34
13	Forewarning Model of Regional Water Resources Carrying Capacity Based on Combination Weights and Entropy Principles. <i>Entropy</i> , 2017, 19, 574.	1.1	31
14	An Integrated Investigation of Spatiotemporal Habitat Quality Dynamics and Driving Forces in the Upper Basin of Miyun Reservoir, North China. <i>Sustainability</i> , 2018, 10, 4625.	1.6	31
15	Hydrological Responses to Climate and Land Use Changes in a Watershed of the Loess Plateau, China. <i>Sustainability</i> , 2019, 11, 1443.	1.6	31
16	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. <i>Frontiers of Earth Science</i> , 2014, 8, 242-250.	0.9	29
17	Variation analysis of streamflow and ecological flow for the twin rivers of the Miyun Reservoir Basin in northern China from 1963 to 2011. <i>Science of the Total Environment</i> , 2015, 536, 739-749.	3.9	27
18	Effects of Urban Non-Point Source Pollution from Baoding City on Baiyangdian Lake, China. <i>Water (Switzerland)</i> , 2017, 9, 249.	1.2	27

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19	An Improved Ecological Footprint Method for Water Resources Utilization Assessment in the Cities. <i>Water (Switzerland)</i> , 2020, 12, 503.	1.2	25
20	Identifying priority management intervals of discharge and TN/TP concentration with copula analysis for Miyun Reservoir inflows, North China. <i>Science of the Total Environment</i> , 2017, 609, 1258-1269.	3.9	23
21	Estimation of ecological flow requirement in Zoige Alpine Wetland of southwest China. <i>Environmental Earth Sciences</i> , 2012, 66, 1525-1533.	1.3	20
22	NDVI dynamics under changing meteorological factors in a shallow lake in future metropolitan, semiarid area in North China. <i>Scientific Reports</i> , 2018, 8, 15971.	1.6	19
23	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. <i>Journal of Cleaner Production</i> , 2022, 331, 129966.	4.6	19
24	A Structurally Simplified Hybrid Model of Genetic Algorithm and Support Vector Machine for Prediction of Chlorophyll a in Reservoirs. <i>Water (Switzerland)</i> , 2015, 7, 1610-1627.	1.2	18
25	Investigation of the spatio-temporal dynamics in landscape variations in a shallow lake based on a new Tendency-Pattern-Service conceptual framework. <i>Journal of Cleaner Production</i> , 2017, 161, 1074-1084.	4.6	17
26	Spatiotemporal analysis of temperature trends under climate change in the source region of the Yellow River, China. <i>Theoretical and Applied Climatology</i> , 2015, 119, 123-133.	1.3	16
27	A Connection Entropy Approach to Water Resources Vulnerability Analysis in a Changing Environment. <i>Entropy</i> , 2017, 19, 591.	1.1	16
28	Agricultural non-point source pollution management in a reservoir watershed based on ecological network analysis of soil nitrogen cycling. <i>Environmental Science and Pollution Research</i> , 2018, 25, 9071-9084.	2.7	16
29	Interval Optimization Model Considering Terrestrial Ecological Impacts for Water Rights Transfer from Agriculture to Industry in Ningxia, China. <i>Scientific Reports</i> , 2017, 7, 3465.	1.6	14
30	Trade-Off Analysis to Determine Environmental Flows in a Highly Regulated Watershed. <i>Scientific Reports</i> , 2018, 8, 14130.	1.6	13
31	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. <i>Water (Switzerland)</i> , 2021, 13, 2406.	1.2	13
32	Ecological risk assessment of petroleum hydrocarbons on aquatic organisms based on multisource data. <i>Ecotoxicology and Environmental Safety</i> , 2020, 192, 110262.	2.9	12
33	Interval-Based Air Quality Index Optimization Model for Regional Environmental Management Under Uncertainty. <i>Environmental Engineering Science</i> , 2009, 26, 1585-1597.	0.8	11
34	Dynamic Model of a Sustainable Water Resources Utilization System with Coupled Water Quality and Quantity in Tianjin City. <i>Sustainability</i> , 2020, 12, 4254.	1.6	11
35	Effect of water-level fluctuations on methane and carbon dioxide dynamics in a shallow lake of Northern China: Implications for wetland restoration. <i>Journal of Hydrology</i> , 2021, 597, 126169.	2.3	11
36	Natural runoff changes in the Yellow River Basin. <i>Journal of Chinese Geography</i> , 2004, 14, 427-436.	1.5	10

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37	An Integrated Method for Accounting for Water Environmental Capacity of the River-Reservoir Combination System. <i>Water (Switzerland)</i> , 2018, 10, 483.	1.2	9
38	Water security assessment with the improvement of modifying the boundary consistency between footprint and provision. <i>Science of the Total Environment</i> , 2021, 801, 149639.	3.9	9
39	An inexact modeling approach for supporting water resources allocation under natural and social complexities in a border city of China and Myanmar. <i>Resources, Conservation and Recycling</i> , 2021, 168, 105245.	5.3	8
40	Historical evolution of lead-acid battery system and its relationship with external environment based on the composite flow. <i>Science of the Total Environment</i> , 2020, 707, 134746.	3.9	7
41	A method for determining reasonable water area ratio based on flood risk and cost-effectiveness in Rainy City. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	7
42	An integrated simulation-optimization modeling system for water resources management under coupled impacts of climate and land use variabilities with priority in ecological protection. <i>Advances in Water Resources</i> , 2021, 154, 103986.	1.7	6
43	Spatial interactions among ecosystem services and the identification of win-win areas at the regional scale. <i>Ecological Complexity</i> , 2021, 47, 100938.	1.4	6
44	Spatial and Temporal Changes in Wetland in Dongting Lake Basin of China under Long Time Series from 1990 to 2020. <i>Sustainability</i> , 2022, 14, 3620.	1.6	6
45	An In-Depth Assessment of Water Resource Responses to Regional Development Policies Using Hydrological Variation Analysis and System Dynamics Modeling. <i>Sustainability</i> , 2020, 12, 5814.	1.6	5
46	A stochastic modeling approach for analyzing water resources systems. <i>Journal of Contaminant Hydrology</i> , 2021, 242, 103865.	1.6	5
47	Efficiency of Water Pollution Control Based on a Three-Stage SBM-DEA Model. <i>Water (Switzerland)</i> , 2022, 14, 1453.	1.2	5
48	Sustainable Developmental Evaluation of Foreign Trade Based on Emery Analysis Method in Shenzhen City, China. <i>Sustainability</i> , 2019, 11, 3035.	1.6	3
49	The changes in physicochemical and stable isotope compositions in the lower Yellow River of China due to artificial flooding. <i>Journal of Environmental Management</i> , 2020, 276, 111205.	3.8	3
50	Joint probability-based classifier based on vine copula method for land use classification of multispectral remote sensing data. <i>Earth Science Informatics</i> , 2020, 13, 1079-1092.	1.6	3
51	A probabilistic conceptual model to attribute runoff variations to human activity. <i>Hydrological Sciences Journal</i> , 2021, 66, 309-321.	1.2	3
52	Analysis and Prediction of Sustainable Utilization of Water Resources in Chengde City Based on System Dynamics Model. <i>Water (Switzerland)</i> , 2021, 13, 3534.	1.2	3
53	A Developed Method of Water Pollution Control Based on Environmental Capacity and Environmental Flow in Luanhe River Basin. <i>Water (Switzerland)</i> , 2022, 14, 730.	1.2	3
54	Regulation of Vegetation and Evapotranspiration by Water Level Fluctuation in Shallow Lakes. <i>Water (Switzerland)</i> , 2021, 13, 2651.	1.2	2

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55	Sustainability of Water Resources in Shandong Province Based on a System Dynamics Model of Waterâ€™Economyâ€™Society for the Lower Yellow River. Sustainability, 2022, 14, 3412.	1.6	2
56	Assessment of hydrological response to multiyear drought: Insights from lag characteristics and shift magnitude. Hydrological Processes, 2022, 36, .	1.1	2
57	Development of KM System for Intergrated Management of Water Resources and Environment in Zhangweinan Subbasin, China. , 2012, , .		1
58	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.	0.6	1
59	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.	0.7	1
60	Interactions between Polluted River and Groundwater -- A Case Study of the Weihe River, China. , 2012, , .		0
61	Rethinking Environmental Flows for the Yellow River Estuary by Trading Off Crop Yield and Ecological Benefits. Agriculture (Switzerland), 2021, 11, 116.	1.4	0