

Yujun Yi

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,905
citations

279487

23
h-index

174990

52
g-index

68
all docs

68
docs citations

68
times ranked

3122
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecological risk assessment of heavy metals in sediment and human health risk assessment of heavy metals in fishes in the middle and lower reaches of the Yangtze River basin. <i>Environmental Pollution</i> , 2011, 159, 2575-2585.	3.7	1,091
2	Health risk assessment of heavy metals in fish and accumulation patterns in food web in the upper Yangtze River, China. <i>Ecotoxicology and Environmental Safety</i> , 2017, 145, 295-302.	2.9	169
3	Impact of the Gezhouba and Three Gorges Dams on habitat suitability of carps in the Yangtze River. <i>Journal of Hydrology</i> , 2010, 387, 283-291.	2.3	135
4	Trans-provincial health impacts of atmospheric mercury emissions in China. <i>Nature Communications</i> , 2019, 10, 1484.	5.8	126
5	Water pollution risk simulation and prediction in the main canal of the South-to-North Water Transfer Project. <i>Journal of Hydrology</i> , 2014, 519, 2111-2120.	2.3	106
6	The influence of changes in land use and landscape patterns on soil erosion in a watershed. <i>Science of the Total Environment</i> , 2017, 574, 34-45.	3.9	106
7	Evaluating the ecological influence of hydraulic projects: A review of aquatic habitat suitability models. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 68, 748-762.	8.2	93
8	Effects of ecological flow release patterns on water quality and ecological restoration of a large shallow lake. <i>Journal of Cleaner Production</i> , 2018, 174, 577-590.	4.6	78
9	Two-dimensional habitat modeling of Chinese sturgeon spawning sites. <i>Ecological Modelling</i> , 2010, 221, 864-875.	1.2	77
10	Influence of Manwan Reservoir on fish habitat in the middle reach of the Lancang River. <i>Ecological Engineering</i> , 2014, 69, 106-117.	1.6	57
11	Habitat and seasonal variations in bacterial community structure and diversity in sediments of a Shallow lake. <i>Ecological Indicators</i> , 2021, 120, 106959.	2.6	46
12	A habitat suitability model for Chinese sturgeon determined using the generalized additive method. <i>Journal of Hydrology</i> , 2016, 534, 11-18.	2.3	43
13	Risk analysis of emergent water pollution accidents based on a Bayesian Network. <i>Journal of Environmental Management</i> , 2016, 165, 199-205.	3.8	41
14	Comparison of habitat suitability models using different habitat suitability evaluation methods. <i>Ecological Engineering</i> , 2014, 71, 335-345.	1.6	38
15	Ecological risk assessment of heavy metal concentrations in sediment and fish of a shallow lake: a case study of Baiyangdian Lake, North China. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 154.	1.3	37
16	Evaluation method for regional water cycle health based on nature-society water cycle theory. <i>Journal of Hydrology</i> , 2017, 551, 352-364.	2.3	35
17	Planktonic indicators of trophic states for a shallow lake (Baiyangdian Lake, China). <i>Limnologica</i> , 2019, 78, 125712.	0.7	35
18	Effect of water-sediment regulation operation on sediment grain size and nutrient content in the lower Yellow River. <i>Journal of Cleaner Production</i> , 2021, 279, 123533.	4.6	34

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19	Nitrogen and phosphorus retention budgets of a semiarid plain basin under different human activity intensity. <i>Science of the Total Environment</i> , 2020, 703, 134813.	3.9	31
20	Spatial and temporal variations in the plankton community because of water and sediment regulation in the lower reaches of Yellow River. <i>Journal of Cleaner Production</i> , 2020, 261, 120972.	4.6	31
21	Assessment of Chinese sturgeon habitat suitability in the Yangtze River (China): Comparison of generalized additive model, data-driven fuzzy logic model, and preference curve model. <i>Journal of Hydrology</i> , 2016, 536, 447-456.	2.3	29
22	Distributed hierarchical evaluation and carrying capacity models for water resources based on optimal water cycle theory. <i>Ecological Indicators</i> , 2019, 101, 432-443.	2.6	29
23	The relationship between ecosystem service supply and demand in plain areas undergoing urbanization: A case study of China's Baiyangdian Basin. <i>Journal of Environmental Management</i> , 2021, 289, 112492.	3.8	28
24	Habitat suitability evaluation of a benthic macroinvertebrate community in a shallow lake. <i>Ecological Indicators</i> , 2018, 90, 451-459.	2.6	27
25	Multiple spatio-temporal patterns of vegetation coverage and its relationship with climatic factors in a large dam-reservoir-river system. <i>Ecological Engineering</i> , 2019, 138, 188-199.	1.6	22
26	A hybrid PCA-GAM model for investigating the spatiotemporal impacts of water level fluctuations on the diversity of benthic macroinvertebrates in Baiyangdian Lake, North China. <i>Ecological Indicators</i> , 2020, 116, 106459.	2.6	21
27	Generalized additive models for biomass simulation of submerged macrophytes in a shallow lake. <i>Science of the Total Environment</i> , 2020, 711, 135108.	3.9	20
28	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
29	Spatio-temporal variations of benthic macroinvertebrates and the driving environmental variables in a shallow lake. <i>Ecological Indicators</i> , 2020, 110, 105948.	2.6	19
30	Suitable habitat mathematical model of common reed (<i>Phragmites australis</i>) in shallow lakes with coupling cellular automaton and modified logistic function. <i>Ecological Modelling</i> , 2020, 419, 108938.	1.2	19
31	Modelling phosphorus loading to the largest shallow lake in northern China in different shared socioeconomic pathways. <i>Journal of Cleaner Production</i> , 2021, 297, 126537.	4.6	18
32	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
33	Relationship between Vegetation and Environment in an Arid-Hot Valley in Southwestern China. <i>Sustainability</i> , 2018, 10, 4774.	1.6	17
34	Climatic variations within the dry valleys in southwestern China and the influences of artificial reservoirs. <i>Climatic Change</i> , 2019, 155, 111-125.	1.7	17
35	The flowing of microplastics was accelerated under the influence of artificial flood generated by hydropower station. <i>Journal of Cleaner Production</i> , 2020, 255, 120174.	4.6	16
36	The long-term changes in food web structure and ecosystem functioning of a shallow lake: Implications for the lake management. <i>Journal of Environmental Management</i> , 2022, 301, 113804.	3.8	16

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37	Influence of debris flows on macroinvertebrate diversity and assemblage structure. <i>Ecological Indicators</i> , 2018, 85, 781-790.	2.6	11
38	Intensive land uses modify assembly process and potential metabolic function of edaphic bacterial communities in the Yellow River Delta, China. <i>Science of the Total Environment</i> , 2020, 720, 137713.	3.9	11
39	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
40	Impacts of Rainfall, Soil Type, and Land-Use Change on Soil Erosion in the Liusha River Watershed. <i>Journal of Hydrologic Engineering - ASCE</i> , 2017, 22, .	0.8	10
41	Parallel Computation of a Dam-Break Flow Model Using OpenACC Applications. <i>Journal of Hydraulic Engineering</i> , 2017, 143, .	0.7	9
42	Coupled impact of decadal precipitation and evapotranspiration on peatland degradation in the Zoige basin, China. <i>Physical Geography</i> , 2020, 41, 145-168.	0.6	9
43	Response of trophic structure and isotopic niches of the food web to flow regime in the Yellow River estuary. <i>Marine Geology</i> , 2020, 430, 106329.	0.9	9
44	Effects of a cascade reservoir system on runoff and sediment yields in a River Basin of southwestern China. <i>Ecological Engineering</i> , 2022, 179, 106616.	1.6	9
45	Climatic and anthropogenic impacts on water and sediment generation in the middle reach of the Jinsha River Basin. <i>River Research and Applications</i> , 2020, 36, 338-350.	0.7	8
46	Impact of forest cover and conservation agriculture on sediment export: A case study in a montane reserve, south-western China. <i>Science of the Total Environment</i> , 2020, 702, 134802.	3.9	8
47	A One-Dimensional Hydrodynamic and Water Quality Model for a Water Transfer Project with Multihydraulic Structures. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-11.	0.6	6
48	Response mechanisms of sediment microbial communities in different habitat types in a shallow lake. <i>Ecosphere</i> , 2019, 10, e02948.	1.0	6
49	Point bars retained particulate organic carbon within a meandering river corridor in Zoige Basin of the Tibetan Plateau. <i>Journal of Hydrology</i> , 2020, 588, 125112.	2.3	6
50	Evaluation of ϵ -source precipitation data in a watershed with complex topography based on distributed hydrological modeling. <i>River Research and Applications</i> , 2021, 37, 1115-1133.	0.7	6
51	Growth indicator response of <i>Zostera japonica</i> under different salinity and turbidity stresses in the Yellow River Estuary, China. <i>Marine Geology</i> , 2020, 424, 106169.	0.9	6
52	The impact of dams on the river connectivity of the two largest river basins in China. <i>River Research and Applications</i> , 2022, 38, 185-193.	0.7	6
53	Metals in sediments and their accumulation in <i>Zostera japonica</i> in different sediment habitats of the Yellow River estuary. <i>Journal of Soils and Sediments</i> , 2021, 21, 1539-1549.	1.5	4
54	Implementation and efficiency analysis of parallel computation using OpenACC: a case study using flow field simulations. <i>International Journal of Computational Fluid Dynamics</i> , 2016, 30, 79-88.	0.5	3

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55	Integrating hydraulic equivalent sections into a hydraulic geometry study. <i>Journal of Hydrology</i> , 2017, 552, 407-420.	2.3	3
56	Comparison of Three Different Parallel Computation Methods for a Two-Dimensional Dam-Break Model. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-12.	0.6	3
57	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
58	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
59	A probabilistic conceptual model to attribute runoff variations to human activity. <i>Hydrological Sciences Journal</i> , 2021, 66, 309-321.	1.2	3
60	Effects of diameter, density, and adhesiveness on settling velocity and drag coefficient of two sturgeon species eggs in flow. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2022, 60, 229-239.	0.7	3
61	Growth of <i>Zostera japonica</i> in different sediment habitats of the Yellow River estuary in China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 31151-31162.	2.7	2
62	Effects of ecological water supplement on vegetation dynamics in Lake Baiyangdian wetland. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2022, 34, 1197-1207.	0.3	2
63	Biomonitoring of the environmental indicator and pathogenic microorganisms assortment in foremost pilgrimage beaches of the Bay of Bengal, Southeast coast, India. <i>Marine Pollution Bulletin</i> , 2019, 149, 110548.	2.3	1
64	An Improved Model for Investigating Dual Effects of Vegetation Density Variations and Groundwater Level Fluctuations on Water Transport and Dissipation in Raised Field Wetlands. <i>Wetlands</i> , 2020, 40, 1241-1256.	0.7	1
65	Rethinking Environmental Flows for the Yellow River Estuary by Trading Off Crop Yield and Ecological Benefits. <i>Agriculture (Switzerland)</i> , 2021, 11, 116.	1.4	0
66	Impact of anthropogenic activities on vegetation dynamics in a reservoir area: model establishment and a case study of Longkaikou Reservoir in China. <i>Journal of Mountain Science</i> , 2021, 18, 1823-1836.	0.8	0
67	Influence of Waterâ€™Sediment Regulation Scheme on Accretion and Erosion in a River Delta: a Case Study of the Yellow River Delta, China. <i>Estuaries and Coasts</i> , 0, , 1.	1.0	0