Jinliang Huang

List of Publications by Year
in descending order

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54	1,549	304743	315739
papers	citations	22 h-index	38 g-index

55	55	55	1595
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	New insight into the correlations between land use and water quality in a coastal watershed of China: Does point source pollution weaken it?. Science of the Total Environment, 2016, 543, 591-600.	8.0	167
2	Use of intensity analysis to link patterns with processes of land change from 1986 to 2007 in a coastal watershed of southeast China. Applied Geography, 2012, 34, 371-384.	3.7	128
3	Detecting the Dynamic Linkage between Landscape Characteristics and Water Quality in a Subtropical Coastal Watershed, Southeast China. Environmental Management, 2013, 51, 32-44.	2.7	89
4	Geographically weighted regression to measure spatial variations in correlations between water pollution versus land use in a coastal watershed. Ocean and Coastal Management, 2015, 103, 14-24.	4.4	84
5	Mangrove species' responses to winter air temperature extremes in China. Ecosphere, 2017, 8, e01865.	2.2	75
6	Land Classification and Change Intensity Analysis in a Coastal Watershed of Southeast China. Sensors, 2014, 14, 11640-11658.	3.8	74
7	Comparison of Intensity Analysis and the land use dynamic degrees to measure land changes outside versus inside the coastal zone of Longhai, China. Ecological Indicators, 2018, 89, 336-347.	6.3	60
8	Changes in supply and demand mediate the effects of land-use change on freshwater ecosystem services flows. Science of the Total Environment, 2021, 763, 143012.	8.0	60
9	Coupled Effects of Natural and Anthropogenic Controls on Seasonal and Spatial Variations of River Water Quality during Baseflow in a Coastal Watershed of Southeast China. PLoS ONE, 2014, 9, e91528.	2.5	59
10	Assessment of temporal and spatial variation of coastal water quality and source identification along Macau peninsula. Stochastic Environmental Research and Risk Assessment, 2011, 25, 353-361.	4.0	46
11	Comparative study of two models to simulate diffuse nitrogen and phosphorus pollution in a medium-sized watershed, southeast China. Estuarine, Coastal and Shelf Science, 2010, 86, 387-394.	2.1	41
12	Hydrologic Alteration Associated with Dam Construction in a Medium-Sized Coastal Watershed of Southeast China. Water (Switzerland), 2016, 8, 317.	2.7	34
13	Hydrologic response to climate change and human activities in a subtropical coastal watershed of southeast China. Regional Environmental Change, 2013, 13, 1195-1210.	2.9	30
14	Multivariate Analysis for Stormwater Quality Characteristics Identification from Different Urban Surface Types in Macau. Bulletin of Environmental Contamination and Toxicology, 2007, 79, 650-654.	2.7	29
15	Land-use dynamics and landscape pattern change in a coastal gulf region, southeast China. International Journal of Sustainable Development and World Ecology, 2009, 16, 61-66.	5.9	29
16	Land use and climate variability amplifies watershed nitrogen exports in coastal China. Ocean and Coastal Management, 2021, 207, 104428.	4.4	29
17	Rules to write mathematics to clarify metrics such as the land use dynamic degrees. Landscape Ecology, 2017, 32, 2249-2260.	4.2	28
18	Hydrologic impacts of cascade dams in a small headwater watershed under climate variability. Journal of Hydrology, 2020, 590, 125426.	5.4	28

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19	Modeling nutrient sources, transport and management strategies in a coastal watershed, Southeast China. Science of the Total Environment, 2018, 610-611, 1298-1309.	8.0	27
20	Use of Intensity Analysis to Characterize Land Use/Cover Change in the Biggest Island of Persian Gulf, Qeshm Island, Iran. Sustainability, 2019, 11, 4396.	3.2	27
21	Data-driven framework for delineating urban population dynamic patterns: Case study on Xiamen Island, China. Sustainable Cities and Society, 2020, 62, 102365.	10.4	25
22	Coupled effects of climate variability and land use pattern on surface water quality: An elasticity perspective and watershed health indicators. Science of the Total Environment, 2019, 693, 133592.	8.0	24
23	Coupled effects of land use pattern and hydrological regime on composition and diversity of riverine eukaryotic community in a coastal watershed of Southeast China. Science of the Total Environment, 2019, 660, 787-798.	8.0	23
24	Streamflow variability response to climate change and cascade dams development in a coastal China watershed. Estuarine, Coastal and Shelf Science, 2015, 166, 209-217.	2.1	22
25	Using Remote Sensing of Land Cover Change in Coastal Watersheds to Predict Downstream Water Quality. Journal of Coastal Research, 2012, 28, 930.	0.3	21
26	Use of interpretable machine learning to identify the factors influencing the nonlinear linkage between land use and river water quality in the Chesapeake Bay watershed. Ecological Indicators, 2022, 140, 108977.	6.3	20
27	Land Development Suitability Evaluation of Pingtan Island Based on Scenario Analysis and Landscape Ecological Quality Evaluation. Sustainability, 2017, 9, 1292.	3.2	19
28	Reframing water-related ecosystem services flows. Ecosystem Services, 2021, 50, 101306.	5.4	19
29	Watershed-scale evaluation for land-based nonpoint source nutrients management in the Bohai Sea Bay, China. Ocean and Coastal Management, 2013, 71, 314-325.	4.4	18
30	Assessing the Influence of Land Use and Land Cover Datasets with Different Points in Time and Levels of Detail on Watershed Modeling in the North River Watershed, China. International Journal of Environmental Research and Public Health, 2013, 10, 144-157.	2.6	18
31	Comparison of three hybrid models to simulate land use changes: a case study in Qeshm Island, Iran. Environmental Monitoring and Assessment, 2020, 192, 302.	2.7	18
32	Quantifying land-based pollutant loads in coastal area with sparse data: Methodology and application in China. Ocean and Coastal Management, 2013, 81, 14-28.	4.4	16
33	Measuring Land Change in Coastal Zone around a Rapidly Urbanized Bay. International Journal of Environmental Research and Public Health, 2018, 15, 1059.	2.6	16
34	Analysis of rainfall runoff characteristics from a subtropical urban lawn catchment in South-east China. Frontiers of Environmental Science and Engineering, 2012, 6, 531-539.	6.0	15
35	Hybrid approach for flood susceptibility assessment in a flood-prone mountainous catchment in China. Journal of Hydrology, 2022, 612, 128091.	5.4	15
36	Nitrogen sources, processes, and associated impacts of climate and land-use changes in a coastal China watershed: Insights from the INCA-N model. Marine Pollution Bulletin, 2020, 159, 111502.	5.0	14

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37	Enhanced Intensity Analysis to Quantify Categorical Change and to Identify Suspicious Land Transitions: A Case Study of Nanchang, China. Remote Sensing, 2020, 12, 3323.	4.0	14
38	Detecting spatiotemporal change of land use and landscape pattern in a coastal gulf region, southeast of China. Environment, Development and Sustainability, 2010, 12, 35-48.	5.0	13
39	A Coupled Modeling Approach for Water Management in a Riverâ€“Reservoir System. International Journal of Environmental Research and Public Health, 2019, 16, 2949.	2.6	13
40	Tracking riverine nitrate sources under changing land use pattern and hydrologic regime. Marine Pollution Bulletin, 2020, 152, 110884.	5.0	13
41	Analysis of phosphorus concentration in a subtropical river basin in southeast China: Implications for management. Ocean and Coastal Management, 2013, 81, 29-37.	4.4	10
42	Uncertainties in stormwater runoff data collection from a small urban catchment, Southeast China. Journal of Environmental Sciences, 2010, 22, 1703-1709.	6.1	6
43	A simulation-based method to develop strategies for nitrogen pollution control in a creek watershed with sparse data. Environmental Science and Pollution Research, 2020, 27, 38849-38860.	5.3	5
44	Integrating Water Quality Restoration Cost with Ecosystem Service Flow to Quantify an Ecological Compensation Standard: A Case Study of the Taoxi Creek Watershed. Water (Switzerland), 2022, 14, 1459.	2.7	5
45	Machine learning-based estimation of riverine nutrient concentrations and associated uncertainties caused by sampling frequencies. PLoS ONE, 2022, 17, e0271458.	2.5	5
46	Control division of agricultural non-point source pollution at medium-sized watershed scale in Southeast China. Frontiers of Environmental Science and Engineering in China, 2008, 2, 333-339.	0.8	4
47	A modeling system for drinking water sources and its application to Jiangdong Reservoir in Xiamen city. Frontiers of Environmental Science and Engineering, 2013, 7, 735-745.	6.0	4
48	An adding/deleting approach to improve land change modeling: a case study in Qeshm Island, Iran. Arabian Journal of Geosciences, 2019, 12, 1.	1.3	4
49	Bringing Multi-Criteria Decision Making into cell identification for Shoreline Management Planning in a coastal city of Southeast China. Ocean and Coastal Management, 2021, 207, 104483.	4.4	3
50	Coordination of Marine Functional Zoning Revision at the Provincial and Municipal Levels: A Case Study of Putian, China. Journal of Marine Science and Engineering, 2019, 7, 442.	2.6	2
51	An Improved Framework of Marine Major Function-Oriented Zoning in Advancing Ecosystem-Based Management. Journal of Marine Science and Engineering, 2022, 10, 684.	2.6	1
52	A preliminary study on impervious surface area dynamics and water quality response at watershed scale. , 2011, , .		0
53	Preliminary study on carbon fluxes from land change in a subtropical watershed of China. , 2012, , .		0
54	Linking Land Use with Water Pollution in Coastal Watersheds of China. , 2019, , 241-279.		0