Hualin Xie

List of Publications by Year
in descending order

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93 papers	3,854 citations	101384 36 h-index	143772 57 g-index
94 all docs	94 docs citations	94 times ranked	2361 citing authors

#	Article	IF	Citations
1	A Bibliometric Analysis on Land Degradation: Current Status, Development, and Future Directions. Land, 2020, 9, 28.	1.2	222
2	Exploring the factors influencing ecological land change for China's Beijingâ€“Tianjinâ€“Hebei Region using big data. Journal of Cleaner Production, 2017, 142, 677-687.	4.6	129
3	Ecological Risk Assessment of Land Use Change in the Poyang Lake Eco-economic Zone, China. International Journal of Environmental Research and Public Health, 2013, 10, 328-346.	1.2	128
4	Spatial-temporal disparities, saving potential and influential factors of industrial land use efficiency: A case study in urban agglomeration in the middle reaches of the Yangtze River. Land Use Policy, 2018, 75, 518-529.	2.5	119
5	Bibliometric analysis of highly cited articles on ecosystem services. PLoS ONE, 2019, 14, e0210707.	1.1	108
6	Exploring the Dynamic Mechanisms of Farmland Abandonment Based on a Spatially Explicit Economic Model for Environmental Sustainability: A Case Study in Jiangxi Province, China. Sustainability, 2014, 6, 1260-1282.	1.6	106
7	Impact of land fragmentation and non-agricultural labor supply on circulation of agricultural land management rights. Land Use Policy, 2017, 68, 355-364.	2.5	102
8	Impact of changes in labor resources and transfers of land use rights on agricultural non-point source pollution in Jiangsu Province, China. Journal of Environmental Management, 2018, 207, 134-140.	3.8	99
9	Assessing the impacts of land fragmentation and plot size on yields and costs: A translog production model and cost function approach. Agricultural Systems, 2018, 161, 81-88.	3.2	97
10	Spatial evaluation of the ecological importance based on GIS for environmental management: A case study in Xingguo county of China. Ecological Indicators, 2015, 51, 3-12.	2.6	96
11	Is Urban Land Development Driven by Economic Development or Fiscal Revenue Stimuli in China?. Land Use Policy, 2018, 77, 107-115.	2.5	95
12	Analyzing the green efficiency of arable land use in China. Technological Forecasting and Social Change, 2018, 133, 15-28.	6.2	93
13	Impact of land fragmentation on marginal productivity of agricultural labor and non-agricultural labor supply: A case study of Jiangsu, China. Habitat International, 2019, 83, 65-72.	2.3	89
14	Spatial-temporal disparities and influencing factors of total-factor green use efficiency of industrial land in China. Journal of Cleaner Production, 2019, 207, 1047-1058.	4.6	86
15	Warning of negative effects of land-use changes on ecological security based on GIS. Science of the Total Environment, 2020, 704, 135427.	3.9	84
16	Evolutionary game and simulation of management strategies of fallow cultivated land: A case study in Hunan province, China. Land Use Policy, 2018, 71, 86-97.	2.5	83
17	Prospects for Agricultural Sustainable Intensification: A Review of Research. Land, 2019, 8, 157.	1.2	82
18	Sustainable land use and management research: a scientometric review. Landscape Ecology, 2020, 35, 2381-2411.	1.9	80

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19	Toward green IT: Modeling sustainable production characteristics for Chinese electronic information industry, 1980â€“2012. Technological Forecasting and Social Change, 2015, 96, 62-70.	6.2	79
20	Influencing factors of farmers' adoption of pro-environmental agricultural technologies in China: Meta-analysis. Land Use Policy, 2021, 109, 105622.	2.5	74
21	Effect of the grain-growing purpose and farm size on the ability of stable land property rights to encourage farmers to apply organic fertilizers. Journal of Environmental Management, 2019, 251, 109621.	3.8	63
22	Evolutionary overview of urban expansion based on bibliometric analysis in Web of Science from 1990 to 2019. Habitat International, 2020, 95, 102100.	2.3	63
23	Spatiotemporal differences and convergence of urban industrial land use efficiency for Chinaâ€™s major economic zones. Journal of Chinese Geography, 2015, 25, 1183-1198.	1.5	59
24	Does intensive land use promote a reduction in carbon emissions? Evidence from the Chinese industrial sector. Resources, Conservation and Recycling, 2018, 137, 167-176.	5.3	55
25	Analyzing the behavioural mechanism of farmland abandonment in the hilly mountainous areas in China from the perspective of farming household diversity. Land Use Policy, 2020, 99, 104826.	2.5	52
26	Rural spatial restructuring in ecologically fragile mountainous areas of southern China: A case study of Changgang Town, Jiangxi Province. Journal of Rural Studies, 2016, 47, 435-448.	2.1	51
27	Determinants of cultivated land recuperation in ecologically damaged areas in China. Land Use Policy, 2019, 81, 160-166.	2.5	51
28	Exploring the Spatial-Temporal Disparities of Urban Land Use Economic Efficiency in China and Its Influencing Factors under Environmental Constraints Based on a Sequential Slacks-Based Model. Sustainability, 2015, 7, 10171-10190.	1.6	50
29	Measuring the sustainable performance of industrial land utilization in major industrial zones of China. Technological Forecasting and Social Change, 2016, 112, 207-219.	6.2	50
30	The substitutability of non-fossil energy, potential carbon emission reduction and energy shadow prices in China. Energy Policy, 2017, 107, 63-71.	4.2	50
31	Interactive Relationship among Urban Expansion, Economic Development, and Population Growth since the Reform and Opening up in China: An Analysis Based on a Vector Error Correction Model. Land, 2019, 8, 153.	1.2	50
32	Sustainable water use and water shadow price in Chinaâ€™s urban industry. Resources, Conservation and Recycling, 2018, 128, 489-498.	5.3	46
33	Evaluating the landscape ecological risk based on <scp>GIS</scp>: A caseâ€study in the Poyang Lake region of China. Land Degradation and Development, 2021, 32, 2762-2774.	1.8	44
34	Measuring the Cultivated Land Use Efficiency of the Main Grain-Producing Areas in China under the Constraints of Carbon Emissions and Agricultural Nonpoint Source Pollution. Sustainability, 2018, 10, 1932.	1.6	43
35	How the SDGs are implemented in Chinaâ€”â€”A comparative study based on the perspective of policy instruments. Journal of Cleaner Production, 2021, 291, 125937.	4.6	43
36	Influence of the Farmerâ€™s Livelihood Assets on Livelihood Strategies in the Western Mountainous Area, China. Sustainability, 2018, 10, 875.	1.6	41

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37	Characteristics and Influencing Factors of Green Finance Development in the Yangtze River Delta of China: Analysis Based on the Spatial Durbin Model. Sustainability, 2020, 12, 9753.	1.6	41
38	Evaluating the sustainable intensification of cultivated land use based on emergy analysis. Technological Forecasting and Social Change, 2021, 165, 120449.	6.2	41
39	Coupling Coordinated Development and Exploring Its Influencing Factors in Nanchang, China: From the Perspectives of Land Urbanization and Population Urbanization. Land, 2019, 8, 178.	1.2	39
40	Spatiotemporal Pattern and Driving Forces of Arable Land-Use Intensity in China: Toward Sustainable Land Management Using Emergy Analysis. Sustainability, 2014, 6, 3504-3520.	1.6	38
41	Spatiotemporal differences and influencing factors of multiple cropping index in China during 1998â€“2012. Journal of Chinese Geography, 2015, 25, 1283-1297.	1.5	37
42	Exploring the spatiotemporal changes of ecological carrying capacity for regional sustainable development based on GIS: A case study of Nanchang City. Technological Forecasting and Social Change, 2019, 148, 119720.	6.2	34
43	Farmersâ€™ responses to the winter wheat fallow policy in the groundwater funnel area of China. Land Use Policy, 2018, 73, 195-204.	2.5	33
44	A Scientometrics Review on Land Ecosystem Service Research. Sustainability, 2020, 12, 2959.	1.6	33
45	Factors Influencing Farmer Willingness to Fallow Winter Wheat and Ecological Compensation Standards in a Groundwater Funnel Area in Hengshui, Hebei Province, China. Sustainability, 2017, 9, 839.	1.6	32
46	Global Trends on Food Security Research: A Bibliometric Analysis. Land, 2021, 10, 119.	1.2	32
47	Exploring the Mechanisms of Ecological Land Change Based on the Spatial Autoregressive Model: A Case Study of the Poyang Lake Eco-Economic Zone, China. International Journal of Environmental Research and Public Health, 2014, 11, 583-599.	1.2	31
48	Spatial spillover effects of urbanization on carbon emissions in the Yangtze River Delta urban agglomeration, China. Environmental Science and Pollution Research, 2022, 29, 33920-33934.	2.7	31
49	Spatial disparities of regional forest land change based on ESDA and GIS at the county level in Beijing-Tianjin-Hebei area. Frontiers of Earth Science, 2012, 6, 445-452.	0.9	30
50	Does the Expansion of Urban Construction Land Promote Regional Economic Growth in China? Evidence from 108 Cities in the Yangtze River Economic Belt. Sustainability, 2018, 10, 4073.	1.6	27
51	Estimation of Ecological Compensation Standards for Fallow Heavy Metal-Polluted Farmland in China Based on Farmer Willingness to Accept. Sustainability, 2017, 9, 1859.	1.6	26
52	An empirical relationship between urbanization and carbon emissions in an ecological civilization demonstration area of China based on the STIRPAT model. Environment, Development and Sustainability, 2023, 25, 2465-2486.	2.7	25
53	Spatio-temporal difference analysis of cultivated land use intensity based on emergy in the Poyang Lake Eco-economic Zone of China. Journal of Chinese Geography, 2016, 26, 1412-1430.	1.5	24
54	Evolutionary Game Analysis of Fallow Farmland Behaviors of Different Types of Farmers and Local Governments. Land Use Policy, 2019, 88, 104122.	2.5	24

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55	Evolutionary overview of water resource management (1990â€“2019) based on a bibliometric analysis in Web of Science. Ecological Informatics, 2021, 61, 101218.	2.3	24
56	An Empirical Analysis of the Impact of Agricultural Product Price Fluctuations on Chinaâ€™s Grain Yield. Sustainability, 2017, 9, 906.	1.6	22
57	Temporal-Spatial Differentiation and Optimization Analysis of Cultivated Land Green Utilization Efficiency in China. Land, 2019, 8, 158.	1.2	22
58	Exploring the Global Research Trends of Land Use Planning Based on a Bibliometric Analysis: Current Status and Future Prospects. Land, 2021, 10, 304.	1.2	22
59	Farmers' willingness to leave land fallow from the perspective of heterogeneity: A caseâ€study in ecologically vulnerable areas of Guizhou, China. Land Degradation and Development, 2020, 31, 1749-1760.	1.8	20
60	Exploration of the variations and relationships between trace metal enrichment in dust and ecological risks associated with rapid urban expansion. Ecotoxicology and Environmental Safety, 2021, 212, 111944.	2.9	20
61	Measuring the Total-Factor Carbon Emission Performance of Industrial Land Use in China Based on the Global Directional Distance Function and Non-Radial Luenberger Productivity Index. Sustainability, 2016, 8, 336.	1.6	19
62	Does Fiscal Policy Promote Third-Party Environmental Pollution Control in China? An Evolutionary Game Theoretical Approach. Sustainability, 2019, 11, 4434.	1.6	19
63	A Scientometrics Review on Farmland Abandonment Research. Land, 2020, 9, 263.	1.2	19
64	Assessing Changes in Ecosystem Service Values in Response to Land Cover Dynamics in Jiangxi Province, China. International Journal of Environmental Research and Public Health, 2020, 17, 3018.	1.2	19
65	Impact of Agricultural Labor Transfer and Structural Adjustment on Chemical Application: Comparison of Past Developments in the Ecological Civilization Pilot Zones of China and Their Future Implications. Sustainability, 2018, 10, 1909.	1.6	18
66	Towards Sustainable Land Use in China: A Collection of Empirical Studies. Sustainability, 2017, 9, 2129.	1.6	16
67	Spatiotemporal changes and fragmentation of forest land in Jiangxi Province, China. Journal of Forest Economics, 2017, 29, 4-13.	0.1	14
68	Measuring the Performance of Industrial Green Development Using a Non-Radial Directional Distance Function Approach: A Case Study of Jiangxi Province in China. Sustainability, 2017, 9, 1757.	1.6	14
69	Impacts of farmland size and benefit expectations on the utilization of straw resources: Evidence from crop straw incorporation in China. Soil Use and Management, 2022, 38, 929-939.	2.6	14
70	Forested Land Use Efficiency in China: Spatiotemporal Patterns and Influencing Factors from 1999 to 2010. Sustainability, 2016, 8, 772.	1.6	13
71	Simulation of Regulation Policies for Fertilizer and Pesticide Reduction in Arable Land Based on Farmersâ€™ Behaviorâ€”Using Jiangxi Province as an Example. Sustainability, 2019, 11, 136.	1.6	13
72	Analysis of Spatial Disparities and Driving Factors of Energy Consumption Change in China Based on Spatial Statistics. Sustainability, 2014, 6, 2264-2280.	1.6	12

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73	Integrated framework of rural landscape research: based on the global perspective. Landscape Ecology, 2022, 37, 1161-1184.	1.9	12
74	Simulation of Regionally Ecological Land Based on a Cellular Automation Model: A Case Study of Beijing, China. International Journal of Environmental Research and Public Health, 2012, 9, 2986-3001.	1.2	11
75	Bioenergy prospects in Taiwan using set-aside land â€“ an economic evaluation. China Agricultural Economic Review, 2013, 5, 489-511.	1.8	11
76	Welfare Effect Evaluation of Land-Lost Farmersâ€™ Households under Different Livelihood Asset Allocation. Land, 2019, 8, 176.	1.2	8
77	A Game Theory-Based Approach for Exploring Water Resource Exploitation Behavior in the Poyang Lake Basin, China. Sustainability, 2019, 11, 6237.	1.6	7
78	Regulation simulation of landâ€use ecological security, based on a <scp>CA</scp> model and <scp>GIS</scp>: A caseâ€study in Xingguo County, China. Land Degradation and Development, 2022, 33, 1564-1578.	1.8	7
79	Biofuel for Energy Security: An Examination on Pyrolysis Systems with Emissions from Fertilizer and Land-Use Change. Sustainability, 2014, 6, 571-588.	1.6	6
80	Identifying Regional Key Eco-Space to Maintain Ecological Security Using GIS. International Journal of Environmental Research and Public Health, 2014, 11, 2550-2568.	1.2	5
81	A case study in China of the influence mechanism of industrial park efficiency using DEA. Environment, Development and Sustainability, 2023, 25, 7261-7280.	2.7	5
82	Matter-element Model for City Eco-security Evaluation. , 2008, , .		4
83	Jingdezhen: The millennium porcelain capital. Cities, 2020, 98, 102569.	2.7	4
84	Early warning of regional landâ€use ecological security issues: A caseâ€study of Xingguo County, China. Land Degradation and Development, 2022, 33, 2528-2542.	1.8	4
85	Regional Eco-Risk Analysis Based on Landscape Structure and Spatial Statistics. , 2009, , .		3
86	Analysis of Ecological Landscape Pattern Change in the Poyang Lake Eco-Economic Zone of China. Advanced Materials Research, 2013, 864-867, 2639-2644.	0.3	2
87	Land Use Eco-security Evaluation Based on GIS in the Typical Agro-pastoral Zone. , 2008, , .		1
88	Spatial Behavior of Land Use Based on Fractal Theory and GIS in Dongjiang Riverhead Area, Jiangxi Province. , 2008, , .		1
89	Spatial Econometric Analysis of Cultivated Land Change and its Influencing Factors in the Poyang Lake Eco-Economics Zone. Advanced Materials Research, 2013, 864-867, 2659-2664.	0.3	1
90	Analysis of Fallow Farming Decision-Making Behavior of Farmers Based on Hawk-Dove Game Theory: The Case of Guizhou Province. Sustainability, 2019, 11, 3821.	1.6	1

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91	Spatial Divergence Analysis of Ecosystem Service Value in Hilly Mountainous Areas: A Case Study of Ruijin City. Land, 2022, 11, 768.	1.2	1
92	Study on the agroecosystem health assessment in Western China. , 2007, , .		0
93	Spatiotemporal evolution and driving forces of agricultural land use structure in China. WIT Transactions on Information and Communication Technologies, 2014, , .	0.0	0