

Liding Chen

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

2,725
citations

159358

30
h-index

205818

48
g-index

79
all docs

79
docs citations

79
times ranked

2847
citing authors

#	ARTICLE	IF	CITATIONS
1	Veterinary antibiotics can reduce crop yields by modifying soil bacterial community and earthworm population in agro-ecosystems. <i>Science of the Total Environment</i> , 2022, 808, 152056.	3.9	22
2	A Method for Identifying Urban Functional Zones Based on Landscape Types and Human Activities. <i>Sustainability</i> , 2022, 14, 4130.	1.6	4
3	Land use mix in the neighbourhood and childhood obesity. <i>Obesity Reviews</i> , 2021, 22, e13098.	3.1	17
4	Prediction models of urban heat island based on landscape patterns and anthropogenic heat dynamics. <i>Landscape Ecology</i> , 2021, 36, 1801-1815.	1.9	23
5	Comparison on Land-Use/Land-Cover Indices in Explaining Land Surface Temperature Variations in the City of Beijing, China. <i>Land</i> , 2021, 10, 1018.	1.2	14
6	An approach to quantify the dependence of economy on resource efficiency: A case study in Beijing-Tianjin-Hebei region of north China. <i>Science of the Total Environment</i> , 2021, 789, 147997.	3.9	4
7	Comparison of soil organic carbon and nitrogen dynamics between urban impervious surfaces and vegetation. <i>Land Degradation and Development</i> , 2021, 32, 5455-5467.	1.8	3
8	Evaluation of seasonal patterns of hydraulic redistribution in a humid subtropical area, East China. <i>Hydrological Processes</i> , 2020, 34, 1052-1062.	1.1	5
9	Effects of non-native tree plantations on the diversity of understory plants and soil macroinvertebrates in the Loess Plateau of China. <i>Plant and Soil</i> , 2020, 446, 357-368.	1.8	11
10	An innovative modeling approach of linking land use patterns with soil antibiotic contamination in peri-urban areas. <i>Environment International</i> , 2020, 134, 105327.	4.8	31
11	Effects of land use and rainfall on sequestration of veterinary antibiotics in soils at the hillslope scale. <i>Environmental Pollution</i> , 2020, 260, 114112.	3.7	27
12	Land-Use/Land-Cover Changes and Its Contribution to Urban Heat Island: A Case Study of Islamabad, Pakistan. <i>Sustainability</i> , 2020, 12, 3861.	1.6	53
13	Plant traits in influencing soil moisture in semiarid grasslands of the Loess Plateau, China. <i>Science of the Total Environment</i> , 2020, 718, 137355.	3.9	25
14	Economic Valuation of Earth's Critical Zone: A Pilot Study of the Zhangxi Catchment, China. <i>Sustainability</i> , 2020, 12, 1699.	1.6	3
15	Multimedia mass balance approach to characterizing the transport potential of antibiotics in soil-plant systems following manure application. <i>Journal of Hazardous Materials</i> , 2020, 393, 122363.	6.5	19
16	The Trend Inconsistency between Land Surface Temperature and Near Surface Air Temperature in Assessing Urban Heat Island Effects. <i>Remote Sensing</i> , 2020, 12, 1271.	1.8	35
17	The effects of terracing and vegetation on soil moisture retention in a dry hilly catchment in China. <i>Science of the Total Environment</i> , 2019, 647, 1323-1332.	3.9	53
18	Trajectory analysis of agricultural lands occupation and its decoupling relationships with the growth rate of non-agricultural GDP in the Jing-Jin-Tang region, China. <i>Environment, Development and Sustainability</i> , 2019, 21, 799-815.	2.7	10

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19	A demand index for recreational ecosystem services associated with urban parks in Beijing, China. <i>Journal of Environmental Management</i> , 2019, 251, 109612.	3.8	29
20	A conceptual model for a process-oriented landscape pattern analysis. <i>Science China Earth Sciences</i> , 2019, 62, 2050-2057.	2.3	27
21	Stochastic simulations reveal few green wave surfing populations among spring migrating herbivorous waterfowl. <i>Nature Communications</i> , 2019, 10, 2187.	5.8	28
22	The Joint Effects of Precipitation Gradient and Afforestation on Soil Moisture across the Loess Plateau of China. <i>Forests</i> , 2019, 10, 285.	0.9	16
23	Modeling the non-point source pollution risks by combing pollutant sources, precipitation, and landscape structure. <i>Environmental Science and Pollution Research</i> , 2019, 26, 11856-11863.	2.7	33
24	Ecological civilization: perspectives from landscape ecology and landscape sustainability science. <i>Landscape Ecology</i> , 2019, 34, 1-8.	1.9	76
25	The Distribution and Accessibility of Urban Parks in Beijing, China: Implications of Social Equity. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4894.	1.2	59
26	Bioaccumulation of antibiotics in crops under long-term manure application: Occurrence, biomass response and human exposure. <i>Chemosphere</i> , 2019, 219, 882-895.	4.2	103
27	Combining land preparation and vegetation restoration for optimal soil eco-hydrological services in the Loess Plateau, China. <i>Science of the Total Environment</i> , 2019, 657, 535-547.	3.9	29
28	Spatial distribution of heavy metal concentrations in peri-urban soils in eastern China. <i>Environmental Science and Pollution Research</i> , 2019, 26, 1615-1627.	2.7	38
29	Quantifying the effects of precipitation, vegetation, and land preparation techniques on runoff and soil erosion in a Loess watershed of China. <i>Science of the Total Environment</i> , 2019, 652, 755-764.	3.9	73
30	Short-term changing patterns of stem water isotopes in shallow soils underlain by fractured bedrock. <i>Hydrology Research</i> , 2019, 50, 577-588.	1.1	6
31	Soil contamination with antibiotics in a typical peri-urban area in eastern China: Seasonal variation, risk assessment, and microbial responses. <i>Journal of Environmental Sciences</i> , 2019, 79, 200-212.	3.2	42
32	Assessment of the impact of different vegetation patterns on soil erosion processes on semiarid loess slopes. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 1860-1870.	1.2	63
33	Land use changes and socio-economic development strongly deteriorate river ecosystem health in one of the largest basins in China. <i>Science of the Total Environment</i> , 2018, 616-617, 376-385.	3.9	112
34	Co-contamination of antibiotics and metals in peri-urban agricultural soils and source identification. <i>Environmental Science and Pollution Research</i> , 2018, 25, 34063-34075.	2.7	24
35	The Synergic Characteristics of Surface Water Pollution and Sediment Pollution with Heavy Metals in the Haihe River Basin, Northern China. <i>Water (Switzerland)</i> , 2018, 10, 73.	1.2	14
36	An improved export coefficient model to estimate non-point source phosphorus pollution risks under complex precipitation and terrain conditions. <i>Environmental Science and Pollution Research</i> , 2018, 25, 20946-20955.	2.7	46

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37	A precipitation-weighted landscape structure model to predict potential pollution contributions at watershed scales. <i>Landscape Ecology</i> , 2018, 33, 1603-1616.	1.9	17
38	Effects of soil conservation techniques on water erosion control: A global analysis. <i>Science of the Total Environment</i> , 2018, 645, 753-760.	3.9	126
39	Distribution, dynamics and determinants of antibiotics in soils in a peri-urban area of Yangtze River Delta, Eastern China. <i>Chemosphere</i> , 2018, 211, 261-270.	4.2	62
40	Geochemical isotopic composition in the Loess Plateau and corresponding source analyses: A case study of China's Yangjuangou catchment. <i>Science of the Total Environment</i> , 2017, 581-582, 794-800.	3.9	14
41	Monitoring and analysis of coastal reclamation from 1995â€“2015 in Tianjin Binhai New Area, China. <i>Scientific Reports</i> , 2017, 7, 3850.	1.6	32
42	Evaluating canopy transpiration and water use of two typical planted tree species in the dryland Loess Plateau of China. <i>Ecohydrology</i> , 2017, 10, e1830.	1.1	11
43	Land preparation and vegetation type jointly determine soil conditions after long-term land stabilization measures in a typical hilly catchment, Loess Plateau of China. <i>Journal of Soils and Sediments</i> , 2017, 17, 144-156.	1.5	45
44	Exploring the Linkage between Urban Flood Risk and Spatial Patterns in Small Urbanized Catchments of Beijing, China. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 239.	1.2	40
45	The Impact of Greenspace on Thermal Comfort in a Residential Quarter of Beijing, China. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 1217.	1.2	61
46	Assessing the effectiveness of imperviousness on stormwater runoff in micro urban catchments by model simulation. <i>Hydrological Processes</i> , 2016, 30, 1836-1848.	1.1	34
47	Response of Surface Soil Hydrology to the Micro-Pattern of Bio-Crust in a Dry-Land Loess Environment, China. <i>PLoS ONE</i> , 2015, 10, e0133565.	1.1	21
48	Effect of rainfall variation and landscape change on runoff and sediment yield from a loess hilly catchment in China. <i>Environmental Earth Sciences</i> , 2015, 73, 1005-1016.	1.3	40
49	Mapping soil organic carbon using auxiliary environmental covariates in a typical watershed in the Loess Plateau of China: a comparative study based on three kriging methods and a soil land inference model (SoLIM). <i>Environmental Earth Sciences</i> , 2015, 73, 239-251.	1.3	15
50	Nitrogen and phosphorus associating with different size suspended solids in roof and road runoff in Beijing, China. <i>Environmental Science and Pollution Research</i> , 2015, 22, 15788-15795.	2.7	33
51	Potential reduction in urban runoff by green spaces in Beijing: A scenario analysis. <i>Urban Forestry and Urban Greening</i> , 2015, 14, 300-308.	2.3	101
52	How does pipeline construction affect land desertification? A case study in northwest China. <i>Natural Hazards</i> , 2015, 77, 1993-2004.	1.6	3
53	Analysis and assessment of heavy metal contamination in surface water and sediments: a case study from Luan River, Northern China. <i>Frontiers of Environmental Science and Engineering</i> , 2015, 9, 240-249.	3.3	15
54	Effects of riparian vegetation patterns on the distribution and potential loss of soil nutrients: a case study of the Wenyu River in Beijing. <i>Frontiers of Environmental Science and Engineering</i> , 2015, 9, 279-287.	3.3	17

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55	Landscape network approach to assess ecological impacts of road projects on biological conservation. <i>Chinese Geographical Science</i> , 2014, 24, 5-14.	1.2	14
56	Soil carbon stock and flux in plantation forest and grassland ecosystems in Loess Plateau, China. <i>Chinese Geographical Science</i> , 2014, 24, 423-435.	1.2	7
57	Regional-scale identification of three-dimensional pattern of vegetation landscapes. <i>Chinese Geographical Science</i> , 2014, 24, 104-112.	1.2	1
58	Assessment of Ecological and Human Health Risks of Heavy Metal Contamination in Agriculture Soils Disturbed by Pipeline Construction. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 2504-2520.	1.2	40
59	Scaling effects of landscape metrics: a comparison of two methods. <i>Physical Geography</i> , 2013, 34, 40-49.	0.6	19
60	Assessment OF SURFACE WATER QUALITY at Large Watershed Scale: Land Use, Anthropogenic, and Administrative Impacts. <i>Journal of the American Water Resources Association</i> , 2013, 49, 741-752.	1.0	24
61	Public attitudes and perceptions to the West-to-East Pipeline Project and ecosystem management in large project construction. <i>International Journal of Sustainable Development and World Ecology</i> , 2012, 19, 219-228.	3.2	12
62	Effect of land use and topography on spatial variability of soil moisture in a gully catchment of the Loess Plateau, China. <i>Ecohydrology</i> , 2012, 5, 826-833.	1.1	32
63	Spatial scale effects of water erosion dynamics: Complexities, variabilities, and uncertainties. <i>Chinese Geographical Science</i> , 2012, 22, 127-143.	1.2	32
64	Temporal and Spatial Variability of Water Supply Stress in the Haihe River Basin, Northern China. <i>Journal of the American Water Resources Association</i> , 2012, 48, 999-1007.	1.0	10
65	Effect of agricultural land use changes on soil nutrient use efficiency in an agricultural area, Beijing, China. <i>Chinese Geographical Science</i> , 2011, 21, 392-402.	1.2	20
66	Contribution of tourism development to protected area management: local stakeholder perspectives. <i>International Journal of Sustainable Development and World Ecology</i> , 2009, 16, 30-36.	3.2	54
67	What motivates farmers to participate in sustainable agriculture? Evidence and policy implications. <i>International Journal of Sustainable Development and World Ecology</i> , 2009, 16, 374-380.	3.2	20
68	Response of Soybean Yield to Daytime Temperature Change during Seed Filling: A Long-Term Field Study in Northeast China. <i>Plant Production Science</i> , 2009, 12, 526-532.	0.9	16
69	Responses of water erosion to rainfall extremes and vegetation types in a loess semiarid hilly area, NW China. <i>Hydrological Processes</i> , 2009, 23, 1780-1791.	1.1	83
70	Development of a new index for integrating landscape patterns with ecological processes at watershed scale. <i>Chinese Geographical Science</i> , 2009, 19, 37-45.	1.2	61
71	Expanding the bridging capability of landscape ecology. <i>Landscape Ecology</i> , 2008, 23, 375-376.	1.9	16
72	Source-sink landscape theory and its ecological significance. <i>Frontiers of Biology in China: Selected Publications From Chinese Universities</i> , 2008, 3, 131-136.	0.2	97

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73	Effect of land use conversion on soil organic carbon sequestration in the loess hilly area, loess plateau of China. <i>Ecological Research</i> , 2007, 22, 641-648.	0.7	199
74	Resolving the Conflicts Between Biodiversity Conservation and Socioeconomic Development in China: Fuzzy Clustering Approach. <i>Biodiversity and Conservation</i> , 2006, 15, 2813-2827.	1.2	6
75	A multiscale soil loss evaluation index. <i>Science Bulletin</i> , 2006, 51, 448-456.	1.7	19
76	Chance and Challenge for China on Ecosystem Management: Lessons from the West-to-East Pipeline Project Construction. <i>Ambio</i> , 2006, 35, 91-93.	2.8	11
77	Geostatistical analysis of soil moisture variability on Da Nangou catchment of the loess plateau, China. <i>Environmental Geology</i> , 2001, 41, 113-120.	1.2	64