Wei Song

List of Publications by Year
in descending order

96	4,328	117453	114278
papers	citations	34 h-index	63 g-index

99	99	99	2838
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evolution of Urban Spatial Clusters in China: A Graph-Based Method Using Nighttime Light Data. Annals of the American Association of Geographers, 2022, 112, 56-77.	1.5	14
2	Does the Accessibility of Regional Internal and External Traffic Play the Same Role in Achieving Anti-Poverty Goals?. Land, 2022, 11, 90.	1.2	3
3	Decoupling Analysis between Rural Population Change and Rural Construction Land Changes in China. Land, 2022, 11, 231.	1.2	14
4	Degree of Abandoned Cropland and Socioeconomic Impact Factors in China: Multi-Level Analysis Model Based on the Farmer and District/County Levels. Land, 2022, 11, 8.	1.2	5
5	Mapping human appropriation of net primary production in agroecosystems in the Heihe River Basin, China. Agriculture, Ecosystems and Environment, 2022, 335, 107996.	2.5	7
6	Assessing the effects of the new-type urbanization policy on rural settlement evolution using a multi-agent model. Habitat International, 2022, 127, 102622.	2.3	17
7	Integrating potential ecosystem services losses into ecological risk assessment of land use changes: A case study on the Qinghai-Tibet Plateau. Journal of Environmental Management, 2022, 318, 115607.	3.8	43
8	Interannual trends of vegetation and responses to climate change and human activities in the Great Mekong Subregion. Global Ecology and Conservation, 2022, 38, e02215.	1.0	4
9	Spread of COVID-19 in China: analysis from a city-based epidemic and mobility model. Cities, 2021, 110, 103010.	2.7	63
10	Farmland Transitions in China: An Advocacy Coalition Approach. Land, 2021, 10, 122.	1.2	18
11	A new method for acquiring long-term high-precision spatial data on rural settlements. MethodsX, 2021, 8, 101249.	0.7	1
12	Identifying Ecological Corridors and Networks in Mountainous Areas. International Journal of Environmental Research and Public Health, 2021, 18, 4797.	1.2	23
13	Spatiotemporal Distribution and Influencing Factors of Ecosystem Vulnerability on Qinghai-Tibet Plateau. International Journal of Environmental Research and Public Health, 2021, 18, 6508.	1.2	37
14	Cropland Abandonment and Influencing Factors in Chongqing, China. Land, 2021, 10, 1206.	1.2	11
15	Evaluating the Space Use of Large Railway Hub Station Areas in Beijing toward Integrated Station-City Development. Land, 2021, 10, 1267.	1.2	8
16	Zoning of Ecological Restoration in the Qilian Mountain Area, China. International Journal of Environmental Research and Public Health, 2021, 18, 12417.	1.2	14
17	Mapping Abandoned Cropland Changes in the Hilly and Gully Region of the Loess Plateau in China. Land, 2021, 10, 1341.	1.2	5
18	Modelling crop yield, water consumption, and water use efficiency for sustainable agroecosystem management. Journal of Cleaner Production, 2020, 253, 119940.	4.6	37

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19	Identification and Geographic Distribution of Accommodation and Catering Centers. ISPRS International Journal of Geo-Information, 2020, 9, 546.	1.4	11
20	Abandoned cropland: Patterns and determinants within the Guangxi Karst Mountainous Area, China. Applied Geography, 2020, 122, 102245.	1.7	34
21	Spatial pattern evolution of rural settlements from 1961 to 2030 in Tongzhou District, China. Land Use Policy, 2020, 99, 105044.	2.5	63
22	Land use changes in the coastal zone of Chinaâ€™s Hebei Province and the corresponding impacts on habitat quality. Land Use Policy, 2020, 99, 104957.	2.5	79
23	Consolidating the layout of rural settlements using system dynamics and the multi-agent system. Journal of Cleaner Production, 2020, 274, 123150.	4.6	31
24	Assessment of Agricultural Drought Risk in the Lancang-Mekong Region, South East Asia. International Journal of Environmental Research and Public Health, 2020, 17, 6153.	1.2	22
25	Analysis on Decoupling between Urbanization Level and Urbanization Quality in China. Sustainability, 2020, 12, 6835.	1.6	14
26	Spatial Distribution of Chinaâ€™s Industrial Output Values under Global Warming Scenarios RCP4.5 and RCP8.5. ISPRS International Journal of Geo-Information, 2020, 9, 724.	1.4	1
27	Identify Ecological Corridors and Build Potential Ecological Networks in Response to Recent Land Cover Changes in Xinjiang, China. Sustainability, 2020, 12, 8960.	1.6	10
28	Characteristics of Climate Change in the Lancang-Mekong Sub-Region. Climate, 2020, 8, 115.	1.2	17
29	Progress in the Remote Sensing Monitoring of the Ecological Environment in Mining Areas. International Journal of Environmental Research and Public Health, 2020, 17, 1846.	1.2	56
30	Evolution of rural settlements in the Tongzhou District of Beijing under the new-type urbanization policies. Habitat International, 2020, 101, 102198.	2.3	35
31	Simulating Urban Sprawl in China Based on the Artificial Neural Network-Cellular Automata-Markov Model. Sustainability, 2020, 12, 4341.	1.6	27
32	Pattern of spatial evolution of rural settlements in the Jizhou District of China during 1962â€“2030. Applied Geography, 2020, 122, 102247.	1.7	32
33	Decoupling of Land Use Intensity and Ecological Environment in Gansu Province, China. Sustainability, 2020, 12, 2779.	1.6	16
34	Spatiotemporal variations in cropland abandonment in the Guizhouâ€“Guangxi karst mountain area, China. Journal of Cleaner Production, 2019, 238, 117888.	4.6	58
35	A land-use spatial optimum allocation model coupling a multi-agent system with the shuffled frog leaping algorithm. Computers, Environment and Urban Systems, 2019, 77, 101360.	3.3	30
36	A Spatial-Socioeconomic Urban Development Status Curve from NPP-VIIRS Nighttime Light Data. Remote Sensing, 2019, 11, 2398.	1.8	39

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37	Expansion of Rural Settlements on High-Quality Arable Land in Tongzhou District in Beijing, China. Sustainability, 2019, 11, 5153.	1.6	24
38	Landscape-Based Assessment of Urban Resilience and Its Evolution: A Case Study of the Central City of Shenyang. Sustainability, 2019, 11, 2964.	1.6	23
39	The Spatial Equity of Nursing Homes in Changchun: A Multi-Trip Modes Analysis. ISPRS International Journal of Geo-Information, 2019, 8, 223.	1.4	9
40	Estimation of Cargo Handling Capacity of Coastal Ports in China Based on Panel Model and DMSP-OLS Nighttime Light Data. Remote Sensing, 2019, 11, 582.	1.8	8
41	Spatial Distribution and Simulation of Cropland Abandonment in Wushan County, Chongqing, China. Sustainability, 2019, 11, 1367.	1.6	19
42	Optimal Water Allocation Scheme in Integrated Water-Ecosystem-Economy System. Ecohydrology, 2019, , 333-360.	0.2	1
43	Quantifying and mapping the responses of selected ecosystem services to projected land use changes. Ecological Indicators, 2019, 102, 186-198.	2.6	69
44	Influences of Extreme Precipitation on Chinaâ€™s Mining Industry. Sustainability, 2019, 11, 6719.	1.6	6
45	Spatio-Temporal Variations in Farmland Water Conditions in the Yanhe River Basin. Water (Switzerland), 2019, 11, 2234.	1.2	2
46	Mapping Cropland Abandonment in Mountainous Areas Using an Annual Land-Use Trajectory Approach. Sustainability, 2019, 11, 5951.	1.6	16
47	The Evolution of Industrial Agglomerations and Specialization in the Yangtze River Delta from 1990â€“2018: An Analysis Based on Firm-Level Big Data. Sustainability, 2019, 11, 5811.	1.6	13
48	Understanding the spatiotemporal variation of urban land expansion in oasis cities by integrating remote sensing and multi-dimensional DPSIR-based indicators. Ecological Indicators, 2019, 96, 23-37.	2.6	67
49	Oasis Agriculture: Improving Water Usage Efficiency Within River Basin. Ecohydrology, 2019, , 211-243.	0.2	0
50	Spatiotemporal Surface of Agricultural Water Requirement for Integrated Water Resources Management. Ecohydrology, 2019, , 183-209.	0.2	0
51	Oasis Agriculture: Improving Water Usage Efficiency Within River Basin. Ecohydrology, 2018, , 1-33.	0.2	0
52	Projected land use changes impacts on water yields in the karst mountain areas of China. Physics and Chemistry of the Earth, 2018, 104, 66-75.	1.2	37
53	Optimal Water Allocation Scheme in Integrated Water-Ecosystem-Economy System. Ecohydrology, 2018, , 1-28.	0.2	4
54	Spatiotemporal Surface of Agricultural Water Requirement for Integrated Water Resources Management. Ecohydrology, 2018, , 1-27.	0.2	1

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55	Exploring brand preference and its spatial patterns in the Chinese automobile market. Journal of Spatial Science, 2018, 63, 399-417.	1.0	2
56	A New Geographical Cluster View on Passenger Vehicle Purchasing in Chinese Cities. ISPRS International Journal of Geo-Information, 2018, 7, 9.	1.4	3
57	Trade-off Analysis of Ecosystem Services in a Mountainous Karst Area, China. Water (Switzerland), 2018, 10, 300.	1.2	21
58	Grassland ecosystem responses to climate change and human activities within the Three-River Headwaters region of China. Scientific Reports, 2018, 8, 9079.	1.6	56
59	Farmland Conversion Decreases Regional and National Land Quality in China. Land Degradation and Development, 2017, 28, 459-471.	1.8	95
60	What is the main cause of grassland degradation? A case study of grassland ecosystem service in the middle-south Inner Mongolia. Catena, 2017, 150, 100-107.	2.2	129
61	Responses of the water-yield ecosystem service to climate and land use change in Sancha River Basin, China. Physics and Chemistry of the Earth, 2017, 101, 102-111.	1.2	111
62	Spatial patterns of car sales and their socio-economic attributes in China. Chinese Geographical Science, 2017, 27, 684-696.	1.2	3
63	Review of the evolution of cultivated land protection policies in the period following Chinaâ€™s reform and liberalization. Land Use Policy, 2017, 67, 660-669.	2.5	125
64	A New Approach for Detecting Urban Centers and Their Spatial Structure With Nighttime Light Remote Sensing. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 6305-6319.	2.7	144
65	Land-use/land-cover change and ecosystem service provision in China. Science of the Total Environment, 2017, 576, 705-719.	3.9	505
66	Trade-Offs and Synergies in Ecosystem Service within the Three-Rivers Headwater Region, China. Water (Switzerland), 2017, 9, 588.	1.2	36
67	Spatiotemporal Patterns of Crop Irrigation Water Requirements in the Heihe River Basin, China. Water (Switzerland), 2017, 9, 616.	1.2	31
68	Participatory Irrigation Management and Irrigation Water Use Efficiency in Maize Production: Evidence from Zhangye City, Northwestern China. Water (Switzerland), 2017, 9, 822.	1.2	15
69	Spatial Patterns and Driving Forces of Greenhouse Land Change in Shouguang City, China. Sustainability, 2017, 9, 359.	1.6	28
70	Changes in ecosystem services associated with planting structures of cropland: A case study in Minle County in China. Physics and Chemistry of the Earth, 2017, 102, 10-20.	1.2	26
71	Responses of Ecosystem Service to Land Use Change in Qinghai Province. Energies, 2016, 9, 303.	1.6	57
72	Changes in productivity, efficiency and technology of China's crop production under rural restructuring. Journal of Rural Studies, 2016, 47, 563-576.	2.1	45

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73	Land abandonment under rural restructuring in China explained from a cost-benefit perspective. Journal of Rural Studies, 2016, 47, 524-532.	2.1	92
74	Forecast and optimal allocation of production, living and ecology water consumption in Zhangye, China. Physics and Chemistry of the Earth, 2016, 96, 16-25.	1.2	20
75	Changes in crop type distribution in Zhangye City of the Heihe River Basin, China. Applied Geography, 2016, 76, 22-36.	1.7	41
76	Spatial Analysis of the Relationship Between Levels of Service Provided by Public Transit and Areas of High Demand in Jefferson County, Kentucky. Papers in Applied Geography, 2016, 2, 147-159.	0.8	3
77	Effects of Urbanization-Induced Cultivated Land Loss on Ecosystem Services in the North China Plain. Energies, 2015, 8, 5678-5693.	1.6	98
78	Impacts of Grain-for-Green and Grain-for-Blue Policies on Valued Ecosystem Services in Shandong Province, China. Advances in Meteorology, 2015, 2015, 1-10.	0.6	33
79	Urban expansion and its consumption of high-quality farmland in Beijing, China. Ecological Indicators, 2015, 54, 60-70.	2.6	161
80	Impacts of land-use change on valued ecosystem service in rapidly urbanized North China Plain. Ecological Modelling, 2015, 318, 245-253.	1.2	168
81	Expansion of agricultural oasis in the Heihe River Basin of China: Patterns, reasons and policy implications. Physics and Chemistry of the Earth, 2015, 89-90, 46-55.	1.2	51
82	Impact Assessments of Land-Use Change on Valued Ecosystem Services. Springer Geography, 2015, , 79-108.	0.3	0
83	Object-based spatial cluster analysis of urban landscape pattern using nighttime light satellite images: a case study of China. International Journal of Geographical Information Science, 2014, 28, 2328-2355.	2.2	180
84	Assessment of decoupling between rural settlement area and rural population in China. Land Use Policy, 2014, 39, 331-341.	2.5	113
85	The effects of China's cultivated land balance program on potential land productivity at a national scale. Applied Geography, 2014, 46, 158-170.	1.7	289
86	Land-use change and socio-economic driving forces of rural settlement in China from 1996 to 2005. Chinese Geographical Science, 2014, 24, 511-524.	1.2	27
87	Determinants of cropland abandonment at the parcel, household and village levels in mountain areas of China: A multi-level analysis. Land Use Policy, 2014, 41, 186-192.	2.5	210
88	Decoupling cultivated land loss by construction occupation from economic growth in Beijing. Habitat International, 2014, 43, 198-205.	2.3	73
89	Land use regionalization of rural settlements in China. Chinese Geographical Science, 2013, 23, 421-434.	1.2	7
90	Spatial-Temporal Changes in Grain Production, Consumption and Driving Mechanism in China. Journal of Integrative Agriculture, 2013, 12, 374-385.	1.7	36

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91	Non-coordination in Chinaâ€™s urbanization: Assessment and affecting factors. Chinese Geographical Science, 2013, 23, 729-739.	1.2	42
92	Exploring Spatial Patterns of Property Crime Risks in Changchun, China. International Journal of Applied Geospatial Research, 2013, 4, 80-100.	0.2	10
93	Establishment of rural housing land standard in China. Chinese Geographical Science, 2012, 22, 483-495.	1.2	14
94	Vulnerability of large city and its implication in urban planning: A perspective of intra-urban structure. Chinese Geographical Science, 2011, 21, 204-210.	1.2	12
95	Evaluation for use efficiency of agricultural resources in grain production: A case study of Changshu, Taihe and Ansai in China. Chinese Geographical Science, 2009, 19, 46-54.	1.2	8
96	Hub-and-spoke system in air transportation and its implications to regional economic development. Chinese Geographical Science, 2006, 16, 211-216.	1.2	10