Yaolin Liu

List of Publications by Year
in descending order

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184	6,074	53660	98622
papers	citations	45 h-index	67 g-index

184	184	184	4649
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Visible and near-infrared reflectance spectroscopyâ€"An alternative for monitoring soil contamination by heavy metals. Journal of Hazardous Materials, 2014, 265, 166-176.	6.5	265
2	Urban expansion and form changes across African cities with a global outlook: Spatiotemporal analysis of urban land densities. Journal of Cleaner Production, 2019, 224, 802-810.	4.6	126
3	A comparative analysis of urban and rural construction land use change and driving forces: Implications for urbanâ€"rural coordination development in Wuhan, Central China. Habitat International, 2015, 47, 113-125.	2.3	124
4	Application of fractional-order derivative in the quantitative estimation of soil organic matter content through visible and near-infrared spectroscopy. Geoderma, 2019, 337, 758-769.	2.3	120
5	Concurrent monitoring of vessels and water turbidity enhances the strength of evidence in remotely sensed dredging impact assessment. Water Research, 2007, 41, 3271-3280.	5.3	119
6	Socioeconomic drivers of forest loss and fragmentation: A comparison between different land use planning schemes and policy implications. Land Use Policy, 2016, 54, 58-68.	2.5	119
7	Urban growth and its determinants across the Wuhan urban agglomeration, central China. Habitat International, 2014, 44, 268-281.	2.3	112
8	A bibliometric study of earthquake research: 1900â€"2010. Scientometrics, 2012, 92, 747-765.	1.6	99
9	A land-use spatial optimization model based on genetic optimization and game theory. Computers, Environment and Urban Systems, 2015, 49, 1-14.	3.3	99
10	The spatial integration and coordinated industrial development of urban agglomerations in the Yangtze River Economic Belt, China. Cities, 2020, 104, 102801.	2.7	99
11	Geographic Field Model based hedonic valuation of urban open spaces in Wuhan, China. Landscape and Urban Planning, 2010, 98, 47-55.	3.4	98
12	A novel framework for rural homestead land transfer under collective ownership in China. Land Use Policy, 2018, 78, 138-146.	2.5	96
13	Estimating spatiotemporal variations of city-level energy-related CO2 emissions: An improved disaggregating model based on vegetation adjusted nighttime light data. Journal of Cleaner Production, 2018, 177, 101-114.	4.6	94
14	A counterfactual scenario simulation approach for assessing the impact ofÂfarmland preservation policies on urban sprawl and food security in a major grain-producing area of China. Applied Geography, 2013, 37, 127-138.	1.7	85
15	Rapid identification of soil organic matter level via visible and near-infrared spectroscopy: Effects of two-dimensional correlation coefficient and extreme learning machine. Science of the Total Environment, 2018, 644, 1232-1243.	3.9	85
16	Characterization and spatial modeling of urban sprawl in the Wuhan Metropolitan Area, China. International Journal of Applied Earth Observation and Geoinformation, 2015, 34, 10-24.	1.4	83
17	Diffusion or coalescence? Urban growth pattern and change in 363 Chinese cities from 1995 to 2015. Sustainable Cities and Society, 2017, 35, 729-739.	5.1	82
18	China's Food Security Soiled by Contamination. Science, 2013, 339, 1382-1383.	6.0	81

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19	Combination of fractional order derivative and memory-based learning algorithm to improve the estimation accuracy of soil organic matter by visible and near-infrared spectroscopy. Catena, 2019, 174, 104-116.	2.2	81
20	Identifying the relationship between urban land expansion and human activities in the Yangtze River Economic Belt, China. Applied Geography, 2018, 94, 163-177.	1.7	80
21	Measuring urban spatial interaction in Wuhan Urban Agglomeration, Central China: A spatially explicit approach. Sustainable Cities and Society, 2017, 32, 569-583.	5.1	77
22	Understanding urban expansion combining macro patterns and micro dynamics in three Southeast Asian megacities. Science of the Total Environment, 2019, 660, 375-383.	3.9	77
23	Comparison of MODIS and Landsat TM5 images for mapping tempoâ€“spatial dynamics of Secchi disk depths in Poyang Lake National Nature Reserve, China. International Journal of Remote Sensing, 2008, 29, 2183-2198.	1.3	75
24	Multi-order Landscape Expansion Index: Characterizing urban expansion dynamics. Landscape and Urban Planning, 2015, 137, 30-39.	3.4	70
25	Modeling different urban growth patterns based on the evolution of urban form: A case study from Huangpi, Central China. Applied Geography, 2016, 66, 109-118.	1.7	70
26	Estimating lead and zinc concentrations in peri-urban agricultural soils through reflectance spectroscopy: Effects of fractional-order derivative and random forest. Science of the Total Environment, 2019, 651, 1969-1982.	3.9	67
27	A spatial and temporal reflectance fusion model considering sensor observation differences. International Journal of Remote Sensing, 2013, 34, 4367-4383.	1.3	66
28	Monitoring Land Subsidence in Wuhan City (China) using the SBAS-InSAR Method with Radarsat-2 Imagery Data. Sensors, 2019, 19, 743.	2.1	66
29	Feasibility of estimating heavy metal concentrations in Phragmites australis using laboratory-based hyperspectral dataâ€”A case study along Le'an River, China. International Journal of Applied Earth Observation and Geoinformation, 2010, 12, S166-S170.	1.4	65
30	Urban dynamics, landscape ecological security, and policy implications: A case study from the Wuhan area of central China. Cities, 2014, 41, 141-153.	2.7	65
31	Comparing geospatial techniques to predict SOC stocks. Soil and Tillage Research, 2015, 148, 46-58.	2.6	65
32	Combining Fractional Order Derivative and Spectral Variable Selection for Organic Matter Estimation of Homogeneous Soil Samples by VISâ€“NIR Spectroscopy. Remote Sensing, 2018, 10, 479.	1.8	65
33	The effects of locational factors on the housing prices of residential communities: The case of Ningbo, China. Habitat International, 2018, 81, 1-11.	2.3	64
34	A game-theory based agent-cellular model for use in urban growth simulation: A case study of the rapidly urbanizing Wuhan area of central China. Computers, Environment and Urban Systems, 2015, 49, 15-29.	3.3	63
35	Proximity Expansion Index: An improved approach to characterize evolution process of urban expansion. Computers, Environment and Urban Systems, 2018, 70, 102-112.	3.3	63
36	Modeling urban growth boundary based on the evaluation of the extension potential: A case study of Wuhan city in China. Habitat International, 2018, 72, 57-65.	2.3	62

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37	Spatial-Temporal Analysis on Spring Festival Travel Rush in China Based on Multisource Big Data. Sustainability, 2016, 8, 1184.	1.6	60
38	Spatio-Temporal Change Detection of Ningbo Coastline Using Landsat Time-Series Images during 1976â€“2015. ISPRS International Journal of Geo-Information, 2017, 6, 68.	1.4	59
39	Exploring the potential of airborne hyperspectral image for estimating topsoil organic carbon: Effects of fractional-order derivative and optimal band combination algorithm. Geoderma, 2020, 365, 114228.	2.3	58
40	Identifying the influencing factors controlling the spatial variation of heavy metals in suburban soil using spatial regression models. Science of the Total Environment, 2020, 717, 137212.	3.9	57
41	Using remotely sensed suspended sediment concentration variation to improve management of Poyang Lake, China. Lake and Reservoir Management, 2013, 29, 47-60.	0.4	51
42	Combining weighted daily life circles and land suitability for rural settlement reconstruction. Habitat International, 2018, 76, 1-9.	2.3	51
43	Restructuring rural settlements based on an analysis of inter-village social connections: A case in Hubei Province, Central China. Habitat International, 2016, 57, 121-131.	2.3	50
44	Land-surface temperature retrieval at high spatial and temporal resolutions based on multi-sensor fusion. International Journal of Digital Earth, 2013, 6, 113-133.	1.6	49
45	Will the Three Gorges Dam affect the underwater light climate of VallisneriaÂspiralis L. and food habitat of Siberian crane in Poyang Lake?. Hydrobiologia, 2009, 623, 213-222.	1.0	47
46	Multi-objective spatial reconstruction of rural settlements considering intervillage social connections. Journal of Rural Studies, 2021, 84, 254-264.	2.1	47
47	Absorption and backscattering coefficients and their relations to water constituents of Poyang Lake, China. Applied Optics, 2011, 50, 6358.	2.1	45
48	Imbalance in Spatial Accessibility to Primary and Secondary Schools in China: Guidance for Education Sustainability. Sustainability, 2016, 8, 1236.	1.6	45
49	Cadmium concentration estimation in peri-urban agricultural soils: Using reflectance spectroscopy, soil auxiliary information, or a combination of both?. Geoderma, 2019, 354, 113875.	2.3	45
50	The Influence of Spectral Pretreatment on the Selection of Representative Calibration Samples for Soil Organic Matter Estimation Using Vis-NIR Reflectance Spectroscopy. Remote Sensing, 2019, 11, 450.	1.8	45
51	Comparisons of spatial and non-spatial models for predicting soil carbon content based on visible and near-infrared spectral technology. Geoderma, 2017, 285, 280-292.	2.3	44
52	Scenario simulation of urban energy-related CO2 emissions by coupling the socioeconomic factors and spatial structures. Applied Energy, 2019, 238, 1163-1178.	5.1	43
53	Feasibility of estimating heavy metal contaminations in floodplain soils using laboratory-based hyperspectral dataâ€”A case study along Leâ€™an River, China. Geo-Spatial Information Science, 2011, 14, 10-16.	2.4	42
54	Statistical model development and estimation of suspended particulate matter concentrations with Landsat 8 OLI images of Dongting Lake, China. International Journal of Remote Sensing, 2015, 36, 343-360.	1.3	42

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55	An assessment of forest biomass carbon storage and ecological compensation based on surface area: A case study of Hubei Province, China. Ecological Indicators, 2018, 90, 392-400.	2.6	42
56	An approach for developing Landsat-5 TM-based retrieval models of suspended particulate matter concentration with the assistance of MODIS. ISPRS Journal of Photogrammetry and Remote Sensing, 2013, 85, 84-92.	4.9	41
57	Prediction of Soil Organic Matter by VISâ€“NIR Spectroscopy Using Normalized Soil Moisture Index as a Proxy of Soil Moisture. Remote Sensing, 2018, 10, 28.	1.8	41
58	A self-adapting fuzzy inference system for the evaluation of agricultural land. Environmental Modelling and Software, 2013, 40, 226-234.	1.9	40
59	Urban expansion simulation towards low-carbon development: A case study of Wuhan, China. Sustainable Cities and Society, 2020, 63, 102455.	5.1	40
60	Rural land use spatial allocation in the semiarid loess hilly area in China: Using a Particle Swarm Optimization model equipped with multi-objective optimization techniques. Science China Earth Sciences, 2012, 55, 1166-1177.	2.3	39
61	Comparison of MODIS-based models for retrieving suspended particulate matter concentrations in Poyang Lake, China. International Journal of Applied Earth Observation and Geoinformation, 2013, 24, 63-72.	1.4	39
62	Spatial optimization of urban land and cropland based on land production capacity to balance cropland protection and ecological conservation. Journal of Environmental Management, 2021, 285, 112054.	3.8	39
63	Optimal rural land use allocation in central China: Linking the effect of spatiotemporal patterns and policy interventions. Applied Geography, 2017, 86, 165-182.	1.7	38
64	Quantifying the spatiality of urban leisure venues in Wuhan, Central China â€“ GIS-based spatial pattern metrics. Sustainable Cities and Society, 2018, 40, 638-647.	5.1	38
65	Characterizing pollution-intensive industry transfers in China from 2007 to 2016 using land use data. Journal of Cleaner Production, 2019, 223, 424-435.	4.6	37
66	Characterizing land-use classes in remote sensing imagery by shape metrics. ISPRS Journal of Photogrammetry and Remote Sensing, 2012, 72, 46-55.	4.9	35
67	Analysis of Coastline Extraction from Landsat-8 OLI Imagery. Water (Switzerland), 2017, 9, 816.	1.2	35
68	Land Use Zoning at the County Level Based on a Multi-Objective Particle Swarm Optimization Algorithm: A Case Study from Yicheng, China. International Journal of Environmental Research and Public Health, 2012, 9, 2801-2826.	1.2	34
69	Transferability of a Visible and Near-Infrared Model for Soil Organic Matter Estimation in Riparian Landscapes. Remote Sensing, 2014, 6, 4305-4322.	1.8	34
70	Diagnosing cropland's allowable range and spatial allocation in China's typical mountainous plateau area: An evaluation framework based on ecological carrying capacity. Science of the Total Environment, 2019, 685, 1255-1268.	3.9	32
71	Cropland use sustainability in Chengâ€“Yu Urban Agglomeration, China: Evaluation framework, driving factors and development paths. Journal of Cleaner Production, 2020, 256, 120692.	4.6	32
72	Mapping farmland soil organic carbon density in plains with combined cropping system extracted from NDVI time-series data. Science of the Total Environment, 2021, 754, 142120.	3.9	32

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73	Analyzing the Impacts of Urban Expansion on Green Fragmentation Using Constraint Gradient Analysis. Professional Geographer, 2017, 69, 553-566.	1.0	31
74	Application of Spectrally Derived Soil Type as Ancillary Data to Improve the Estimation of Soil Organic Carbon by Using the Chinese Soil Vis-NIR Spectral Library. Remote Sensing, 2018, 10, 1747.	1.8	31
75	Relationships between Street Centrality and Land Use Intensity in Wuhan, China. Journal of the Urban Planning and Development Division, ASCE, 2016, 142, .	0.8	30
76	Spatialâ€“Temporal Patterns and Driving Forces of Ecological-Living-Production Land in Hubei Province, Central China. Sustainability, 2018, 10, 66.	1.6	29
77	Unsupervised Sub-Pixel Water Body Mapping with Sentinel-3 OLCI Image. Remote Sensing, 2019, 11, 327.	1.8	29
78	A body temperature model for lizards as estimated from the thermal environment. Journal of Thermal Biology, 2012, 37, 56-64.	1.1	28
79	Simultaneously simulate vertical and horizontal expansions of a future urban landscape: a case study in Wuhan, Central China. International Journal of Geographical Information Science, 2017, 31, 1907-1928.	2.2	28
80	How the built environment promotes public transportation in Wuhan: A multiscale geographically weighted regression analysis. Travel Behaviour & Society, 2022, 29, 186-199.	2.4	28
81	Monitoring the impact of backflow and dredging on water clarity using MODIS images of Poyang Lake, China. Hydrological Processes, 2009, 23, 342-350.	1.1	27
82	Understanding Seasonal Water Clarity Dynamics of Lake Dahuchi from In Situ and Remote Sensing Data. Water Resources Management, 2009, 23, 1849-1861.	1.9	27
83	Geographical detector-based stratified regression kriging strategy for mapping soil organic carbon with high spatial heterogeneity. Catena, 2021, 196, 104953.	2.2	27
84	Regional land-use allocation using a coupled MAS and GA model: from local simulation to global optimization, a case study in Caidian District, Wuhan, China. Cartography and Geographic Information Science, 2014, 41, 363-378.	1.4	26
85	Regional land-use allocation with a spatially explicit genetic algorithm. Landscape and Ecological Engineering, 2015, 11, 209-219.	0.7	26
86	Urban Ecological Security Simulation and Prediction Using an Improved Cellular Automata (CA) Approachâ€”A Case Study for the City of Wuhan in China. International Journal of Environmental Research and Public Health, 2017, 14, 643.	1.2	26
87	Diagnosis of cadmium contamination in urban and suburban soils using visible-to-near-infrared spectroscopy. Environmental Pollution, 2021, 291, 118128.	3.7	26
88	Sensitivity of correlation structure of class- and landscape-level metrics in three diverse regions. Ecological Indicators, 2016, 64, 9-19.	2.6	25
89	Road centrality and landscape spatial patterns in Wuhan Metropolitan Area, China. Chinese Geographical Science, 2015, 25, 511-522.	1.2	24
90	Mapping of Cu and Pb Contaminations in Soil Using Combined Geochemistry, Topography, and Remote Sensing: A Case Study in the Leâ€™an River Floodplain, China. International Journal of Environmental Research and Public Health, 2012, 9, 1874-1886.	1.2	23

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91	Transferability of Visâ€NIR models for Soil Organic Carbon Estimation between Two Study Areas by using Spiking. Soil Science Society of America Journal, 2018, 82, 1231-1242.	1.2	23
92	An Integrated Approach for Assessing Aquatic Ecological Carrying Capacity: A Case Study of Wujin District in the Tai Lake Basin, China. International Journal of Environmental Research and Public Health, 2011, 8, 264-280.	1.2	22
93	A Stochastic Actor-Based Modelling of the Evolution of an Intercity Corporate Network. Environment and Planning A, 2013, 45, 947-966.	2.1	22
94	Simulating the Conversion of Rural Settlements to Town Land Based on Multi-Agent Systems and Cellular Automata. PLoS ONE, 2013, 8, e79300.	1.1	22
95	Geographic micro-process model: Understanding global urban expansion from a process-oriented view. Computers, Environment and Urban Systems, 2021, 87, 101603.	3.3	22
96	Spatiotemporal Characteristics of Urbanâ€“Rural Construction Land Transition and Ruralâ€“Urban Migrants in Rapid-Urbanization Areas of Central China. Journal of the Urban Planning and Development Division, ASCE, 2020, 146, .	0.8	21
97	Fusion of visible-to-near-infrared and mid-infrared spectroscopy to estimate soil organic carbon. Soil and Tillage Research, 2022, 217, 105284.	2.6	21
98	Replies to comments on â€œa bibliometric study of earthquake research: 1900â€“2010â€: Scientometrics, 2013, 96, 933-936.	1.6	20
99	Using inter-town network analysis in city system planning: A case study of Hubei Province in China. Habitat International, 2015, 49, 454-465.	2.3	20
100	Estimation of Organic Carbon in Anthropogenic Soil by VIS-NIR Spectroscopy: Effect of Variable Selection. Remote Sensing, 2020, 12, 3394.	1.8	20
101	Assessing Spatial Accessibility of Public and Private Residential Aged Care Facilities: A Case Study in Wuhan, Central China. ISPRS International Journal of Geo-Information, 2017, 6, 304.	1.4	19
102	Fine spatial resolution coastline extraction from Landsat-8 OLI imagery by integrating downscaling and pansharpening approaches. Remote Sensing Letters, 2018, 9, 314-323.	0.6	19
103	Analyzing the Decoupling between Rural-to-Urban Migrants and Urban Land Expansion in Hubei Province, China. Sustainability, 2018, 10, 345.	1.6	19
104	Application of Hyperion data to land degradation mapping in the Hengshan region of China. International Journal of Remote Sensing, 2010, 31, 5145-5161.	1.3	18
105	Urban sprawl and related problems: Bibliometric analysis and refined analysis from 1991 to 2011. Chinese Geographical Science, 2014, 24, 245-257.	1.2	18
106	PSOLA: A Heuristic Land-Use Allocation Model Using Patch-Level Operations and Knowledge-Informed Rules. PLoS ONE, 2016, 11, e0157728.	1.1	18
107	Simulating Urban Cooperative Expansion in a Single-Core Metropolitan Region Based on Improved CA Model Integrated Information Flow: Case Study of Wuhan Urban Agglomeration in China. Journal of the Urban Planning and Development Division, ASCE, 2018, 144, .	0.8	17
108	The scale effects of the spatial autocorrelation measurement: aggregation level and spatial resolution. International Journal of Geographical Information Science, 2019, 33, 945-966.	2.2	16

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109	Self-organizing dual clustering considering spatial analysis and hybrid distance measures. Science China Earth Sciences, 2011, 54, 1268-1278.	2.3	15
110	Suitability evaluation of rural settlements based on accessibility of production and living: A case study of Tingzu Town in Hubei Province of China. Chinese Geographical Science, 2016, 26, 550-565.	1.2	15
111	A hedonic model comparison for residential land value analysis. International Journal of Applied Earth Observation and Geoinformation, 2010, 12, S181-S193.	1.4	14
112	Feasibility of Estimating Cu Contamination in Floodplain Soils using VNIR Spectroscopyâ€"A Case Study in the Leâ€™an River Floodplain, China. Soil and Sediment Contamination, 2012, 21, 951-969.	1.1	14
113	Estimation of total iron content in floodplain soils using VNIR spectroscopy â€“ a case study in the Le'an River floodplain, China. International Journal of Remote Sensing, 2012, 33, 5954-5972.	1.3	14
114	How Leisure Venues Are and Why? A Geospatial Perspective in Wuhan, Central China. Sustainability, 2017, 9, 1865.	1.6	14
115	Spatiotemporal changes in ecologically functional land in China: A quantity-quality coupled perspective. Journal of Cleaner Production, 2019, 238, 117917.	4.6	14
116	Spatial Patterns and Driving Forces of Conflicts among the Three Land Management Red Lines in China: A Case Study of the Wuhan Urban Development Area. Sustainability, 2019, 11, 2025.	1.6	14
117	Model of land suitability evaluation based on computational intelligence. Geo-Spatial Information Science, 2007, 10, 151-156.	2.4	13
118	Spatial optimization of rural settlement relocation by incorporating interâ€village social connections under future policy scenarios. Transactions in GIS, 2019, 23, 688-704.	1.0	13
119	An Improved Accessibility-Based Model to Evaluate Educational Equity: A Case Study in the City of Wuhan. ISPRS International Journal of Geo-Information, 2021, 10, 458.	1.4	13
120	Featured Graphic: GDP, Livability, Population, and Income Inequality of World Cities. Environment and Planning A, 2011, 43, 2255-2256.	2.1	12
121	A Bibliometric Analysis of 20 Years of Globalization Research: 1990â€“2009. Globalizations, 2012, 9, 195-210.	1.9	12
122	Urban Growth Modeling Based on a Game between Farmers and Governments: Case Study of Urban Fringe in Wuhan, Hubei Province in China. Journal of the Urban Planning and Development Division, ASCE, 2016, 142, .	0.8	12
123	Comparison of extrapolation and interpolation methods for estimating daily photosynthetically active radiation (PAR). Geo-Spatial Information Science, 2010, 13, 235-242.	2.4	11
124	Thematic maps for land consolidation planning in Hubei Province, China. Journal of Maps, 2014, 10, 26-34.	1.0	11
125	Spatially Varying Relationships between Land Subsidence and Urbanization: A Case Study in Wuhan, China. Remote Sensing, 2022, 14, 291.	1.8	11
126	Measuring spatio-temporal disparity of location-based accessibility to emergency medical services. Health and Place, 2022, 74, 102766.	1.5	11

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127	Progress in global parallel computing research: a bibliometric approach. Scientometrics, 2013, 95, 967-983.	1.6	10
128	Prediction of total nitrogen in cropland soil at different levels of soil moisture with Vis/NIR spectroscopy. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2014, 64, 267-281.	0.3	10
129	A new method based on association rules mining and geo-filter for mining spatial association knowledge. Chinese Geographical Science, 2017, 27, 389-401.	1.2	10
130	Evolution Analysis of Ecological Networks Based on Spatial Distribution Data of Land Use Types Monitored by Remote Sensing in Wuhan Urban Agglomeration, China, from 2000 to 2020. Remote Sensing, 2022, 14, 2618.	1.8	10
131	Specific absorption and backscattering coefficients of the main water constituents in Poyang Lake, China. Environmental Monitoring and Assessment, 2013, 185, 4191-4206.	1.3	9
132	Alternative Zoning Scenarios for Regional Sustainable Land Use Controls in China: A Knowledge-Based Multiobjective Optimisation Model. International Journal of Environmental Research and Public Health, 2014, 11, 8839-8866.	1.2	9
133	Multi-Scenario Simulation of Urban Growth under Integrated Urban Spatial Planning: A Case Study of Wuhan, China. Sustainability, 2021, 13, 11279.	1.6	9
134	An adaptive dual clustering algorithm based on hierarchical structure: A case study of settlement zoning. Transactions in GIS, 2017, 21, 916-933.	1.0	8
135	Evaluating the Evacuation and Rescue Capabilities of Urban Open Space from a Land Use Perspective: A Case Study in Wuhan, China. ISPRS International Journal of Geo-Information, 2017, 6, 227.	1.4	8
136	Exploring the Role of the Spatial Characteristics of Visible and Near-Infrared Reflectance in Predicting Soil Organic Carbon Density. ISPRS International Journal of Geo-Information, 2017, 6, 308.	1.4	8
137	DASSCAN: A Density and Adjacency Expansion-Based Spatial Structural Community Detection Algorithm for Networks. ISPRS International Journal of Geo-Information, 2018, 7, 159.	1.4	8
138	Livability Assessment of Urban Communities considering the Preferences of Different Age Groups. Complexity, 2020, 2020, 1-15.	0.9	8
139	Identifying City Shrinkage in Population and City Activity in the Middle Reaches of the Yangtze River, China. Journal of the Urban Planning and Development Division, ASCE, 2020, 146, .	0.8	8
140	A Least Cumulative Ventilation Cost Method for Urban Ventilation Environment Analysis. Complexity, 2020, 2020, 1-13.	0.9	8
141	Predicting micro thermal habitat of lizards in a dynamic thermal environment. Ecological Modelling, 2012, 231, 126-133.	1.2	7
142	Evaluating extended land consumption in building life cycle to improve land conservation: A case study in Shenyang, China. Resources, Conservation and Recycling, 2016, 109, 78-89.	5.3	7
143	Re-assessing Vegetation Carbon Storage and Emissions from Land Use Change in China Using Surface Area. Chinese Geographical Science, 2019, 29, 601-613.	1.2	7
144	Analyzing the effects of scale and land use pattern metrics on land use database generalization indices. International Journal of Applied Earth Observation and Geoinformation, 2011, 13, 346-356.	1.4	6

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145	Land use data generalization indices considering scale and land use pattern effects. Science China Earth Sciences, 2011, 54, 694-702.	2.3	6
146	A Novel Analysis Method of Geographical Centrality Based on Space of Flows. ISPRS International Journal of Geo-Information, 2017, 6, 153.	1.4	6
147	Two-stage permutation tests for determining homogeneity within a spatial cluster. International Journal of Geographical Information Science, 2019, 33, 1718-1738.	2.2	6
148	Permutation-test-based clustering method for detection of dynamic patterns in Spatio-temporal datasets. Computers, Environment and Urban Systems, 2019, 75, 204-216.	3.3	6
149	Interaction Between Construction Land Expansion and Cropland Expansion and Its Socioeconomic Determinants: Evidence From Urban Agglomeration in the Middle Reaches of the Yangtze River, China. Frontiers in Environmental Science, 2022, 10, .	1.5	6
150	Assessment of underwater light climate for Lake Dahuchi using field spectral data and Landsat TM. International Journal of Remote Sensing, 2010, 31, 1625-1643.	1.3	4
151	Analyzing the spatial autocorrelation of regional urban datum land price. Geo-Spatial Information Science, 2012, 15, 263-269.	2.4	4
152	AITSO: A Tool for Spatial Optimization Based on Artificial Immune Systems. Computational Intelligence and Neuroscience, 2015, 2015, 1-13.	1.1	4
153	Analysis of passenger flow characteristics and their relationship with surrounding urban functional landscape pattern. Transactions in GIS, 2020, 24, 1602-1629.	1.0	4
154	Decoding the Street-Based Spatiality of Urban Gyms: Implications for Healthy City Planning. Land, 2021, 10, 175.	1.2	4
155	EstimatingCarexquality with laboratory-based hyperspectral measurements. International Journal of Remote Sensing, 2013, 34, 1866-1878.	1.3	3
156	An Efficient Vector-Raster Overlay Algorithm for High-Accuracy and High-Efficiency Surface Area Calculations of Irregularly Shaped Land Use Patches. ISPRS International Journal of Geo-Information, 2017, 6, 156.	1.4	3
157	Multiobjective Network Optimization for Soil Monitoring of the Loess Hilly Region in China. Discrete Dynamics in Nature and Society, 2014, 2014, 1-11.	0.5	2
158	How Does Different Cropland Expansion Trajectories Affect Cropland Fragmentation? Insights From Three Urban Agglomerations in Yangtze River Economic Belt, China. Frontiers in Ecology and Evolution, 0, 10, .	1.1	2
159	Optimal Allocation of Construction Land Based on GIS. , 2009, , .		1
160	Application of binary tree based SVMs approach to land grade evaluation. Proceedings of SPIE, 2009, , .	0.8	1
161	Building a Dynamic, Large-Scale Spatio-temporal Vector Database to Support a National Spatial Data Infrastructure in China. GIScience and Remote Sensing, 2010, 47, 135-162.	2.4	1
162	A knowledge-based approach for assessing the quality of Landsat water body mapping product. , 2012, , .		1

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163	Extraction Method for Earthquake-Collapsed Building Information Based on High-Resolution Remote Sensing. IOP Conference Series: Earth and Environmental Science, 2014, 17, 012096.	0.2	1
164	Response to â€œVisible and near-infrared reflectance spectroscopy is of limited practical use to monitor soil contamination by heavy metalsâ€•by Philippe C. Baveye. Journal of Hazardous Materials, 2015, 285, 207.	6.5	1
165	An Improved Density-Based Time Series Clustering Method Based on Image Resampling: A Case Study of Surface Deformation Pattern Analysis. ISPRS International Journal of Geo-Information, 2017, 6, 118.	1.4	1
166	Adaptability of atlas symbol sizes under multivariate conditions. Cartography and Geographic Information Science, 2020, 47, 1-13.	1.4	1
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