

Yaolin Liu

List of Publications by Year in descending order

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184
papers

6,074
citations

53660

45
h-index

98622

67
g-index

184
all docs

184
docs citations

184
times ranked

4649
citing authors

#	ARTICLE	IF	CITATIONS
1	Fusion of visible-to-near-infrared and mid-infrared spectroscopy to estimate soil organic carbon. <i>Soil and Tillage Research</i> , 2022, 217, 105284.	2.6	21
2	Spatially Varying Relationships between Land Subsidence and Urbanization: A Case Study in Wuhan, China. <i>Remote Sensing</i> , 2022, 14, 291.	1.8	11
3	Measuring spatio-temporal disparity of location-based accessibility to emergency medical services. <i>Health and Place</i> , 2022, 74, 102766.	1.5	11
4	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. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	6
5	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. <i>Remote Sensing</i> , 2022, 14, 2618.	1.8	10
6	How the built environment promotes public transportation in Wuhan: A multiscale geographically weighted regression analysis. <i>Travel Behaviour & Society</i> , 2022, 29, 186-199.	2.4	28
7	Multi-objective spatial reconstruction of rural settlements considering intervillage social connections. <i>Journal of Rural Studies</i> , 2021, 84, 254-264.	2.1	47
8	Mapping farmland soil organic carbon density in plains with combined cropping system extracted from NDVI time-series data. <i>Science of the Total Environment</i> , 2021, 754, 142120.	3.9	32
9	Geographical detector-based stratified regression kriging strategy for mapping soil organic carbon with high spatial heterogeneity. <i>Catena</i> , 2021, 196, 104953.	2.2	27
10	Decoding the Street-Based Spatiality of Urban Gyms: Implications for Healthy City Planning. <i>Land</i> , 2021, 10, 175.	1.2	4
11	Spatial optimization of urban land and cropland based on land production capacity to balance cropland protection and ecological conservation. <i>Journal of Environmental Management</i> , 2021, 285, 112054.	3.8	39
12	Geographic micro-process model: Understanding global urban expansion from a process-oriented view. <i>Computers, Environment and Urban Systems</i> , 2021, 87, 101603.	3.3	22
13	An Improved Accessibility-Based Model to Evaluate Educational Equity: A Case Study in the City of Wuhan. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 458.	1.4	13
14	Diagnosis of cadmium contamination in urban and suburban soils using visible-to-near-infrared spectroscopy. <i>Environmental Pollution</i> , 2021, 291, 118128.	3.7	26
15	Multi-Scenario Simulation of Urban Growth under Integrated Urban Spatial Planning: A Case Study of Wuhan, China. <i>Sustainability</i> , 2021, 13, 11279.	1.6	9
16	Adaptability of atlas symbol sizes under multivariate conditions. <i>Cartography and Geographic Information Science</i> , 2020, 47, 1-13.	1.4	1
17	Spatiotemporal Characteristics of Urbanâ€™Rural Construction Land Transition and Ruralâ€™Urban Migrants in Rapid-Urbanization Areas of Central China. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2020, 146, .	0.8	21
18	Livability Assessment of Urban Communities considering the Preferences of Different Age Groups. <i>Complexity</i> , 2020, 2020, 1-15.	0.9	8

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19	Urban expansion simulation towards low-carbon development: A case study of Wuhan, China. <i>Sustainable Cities and Society</i> , 2020, 63, 102455.	5.1	40
20	Analysis of passenger flow characteristics and their relationship with surrounding urban functional landscape pattern. <i>Transactions in GIS</i> , 2020, 24, 1602-1629.	1.0	4
21	Estimation of Organic Carbon in Anthropogenic Soil by VIS-NIR Spectroscopy: Effect of Variable Selection. <i>Remote Sensing</i> , 2020, 12, 3394.	1.8	20
22	Identifying City Shrinkage in Population and City Activity in the Middle Reaches of the Yangtze River, China. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2020, 146, .	0.8	8
23	The spatial integration and coordinated industrial development of urban agglomerations in the Yangtze River Economic Belt, China. <i>Cities</i> , 2020, 104, 102801.	2.7	99
24	A Least Cumulative Ventilation Cost Method for Urban Ventilation Environment Analysis. <i>Complexity</i> , 2020, 2020, 1-13.	0.9	8
25	Cropland use sustainability in Chengde Urban Agglomeration, China: Evaluation framework, driving factors and development paths. <i>Journal of Cleaner Production</i> , 2020, 256, 120692.	4.6	32
26	Identifying the influencing factors controlling the spatial variation of heavy metals in suburban soil using spatial regression models. <i>Science of the Total Environment</i> , 2020, 717, 137212.	3.9	57
27	Exploring the potential of airborne hyperspectral image for estimating topsoil organic carbon: Effects of fractional-order derivative and optimal band combination algorithm. <i>Geoderma</i> , 2020, 365, 114228.	2.3	58
28	Spatiotemporal changes in ecologically functional land in China: A quantity-quality coupled perspective. <i>Journal of Cleaner Production</i> , 2019, 238, 117917.	4.6	14
29	Cadmium concentration estimation in peri-urban agricultural soils: Using reflectance spectroscopy, soil auxiliary information, or a combination of both?. <i>Geoderma</i> , 2019, 354, 113875.	2.3	45
30	Re-assessing Vegetation Carbon Storage and Emissions from Land Use Change in China Using Surface Area. <i>Chinese Geographical Science</i> , 2019, 29, 601-613.	1.2	7
31	Scenario simulation of urban energy-related CO2 emissions by coupling the socioeconomic factors and spatial structures. <i>Applied Energy</i> , 2019, 238, 1163-1178.	5.1	43
32	Diagnosing cropland's allowable range and spatial allocation in China's typical mountainous plateau area: An evaluation framework based on ecological carrying capacity. <i>Science of the Total Environment</i> , 2019, 685, 1255-1268.	3.9	32
33	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. <i>Sustainability</i> , 2019, 11, 2025.	1.6	14
34	Two-stage permutation tests for determining homogeneity within a spatial cluster. <i>International Journal of Geographical Information Science</i> , 2019, 33, 1718-1738.	2.2	6
35	The Influence of Spectral Pretreatment on the Selection of Representative Calibration Samples for Soil Organic Matter Estimation Using Vis-NIR Reflectance Spectroscopy. <i>Remote Sensing</i> , 2019, 11, 450.	1.8	45
36	Urban expansion and form changes across African cities with a global outlook: Spatiotemporal analysis of urban land densities. <i>Journal of Cleaner Production</i> , 2019, 224, 802-810.	4.6	126

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37	Characterizing pollution-intensive industry transfers in China from 2007 to 2016 using land use data. <i>Journal of Cleaner Production</i> , 2019, 223, 424-435.	4.6	37
38	Permutation-test-based clustering method for detection of dynamic patterns in Spatio-temporal datasets. <i>Computers, Environment and Urban Systems</i> , 2019, 75, 204-216.	3.3	6
39	Spatial optimization of rural settlement relocation by incorporating inter-village social connections under future policy scenarios. <i>Transactions in GIS</i> , 2019, 23, 688-704.	1.0	13
40	Unsupervised Sub-Pixel Water Body Mapping with Sentinel-3 OLCI Image. <i>Remote Sensing</i> , 2019, 11, 327.	1.8	29
41	Monitoring Land Subsidence in Wuhan City (China) using the SBAS-InSAR Method with Radarsat-2 Imagery Data. <i>Sensors</i> , 2019, 19, 743.	2.1	66
42	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. <i>Catena</i> , 2019, 174, 104-116.	2.2	81
43	Understanding urban expansion combining macro patterns and micro dynamics in three Southeast Asian megacities. <i>Science of the Total Environment</i> , 2019, 660, 375-383.	3.9	77
44	The scale effects of the spatial autocorrelation measurement: aggregation level and spatial resolution. <i>International Journal of Geographical Information Science</i> , 2019, 33, 945-966.	2.2	16
45	Application of fractional-order derivative in the quantitative estimation of soil organic matter content through visible and near-infrared spectroscopy. <i>Geoderma</i> , 2019, 337, 758-769.	2.3	120
46	Estimating lead and zinc concentrations in peri-urban agricultural soils through reflectance spectroscopy: Effects of fractional-order derivative and random forest. <i>Science of the Total Environment</i> , 2019, 651, 1969-1982.	3.9	67
47	Proximity Expansion Index: An improved approach to characterize evolution process of urban expansion. <i>Computers, Environment and Urban Systems</i> , 2018, 70, 102-112.	3.3	63
48	An assessment of forest biomass carbon storage and ecological compensation based on surface area: A case study of Hubei Province, China. <i>Ecological Indicators</i> , 2018, 90, 392-400.	2.6	42
49	Identifying the relationship between urban land expansion and human activities in the Yangtze River Economic Belt, China. <i>Applied Geography</i> , 2018, 94, 163-177.	1.7	80
50	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. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2018, 144, .	0.8	17
51	Fine spatial resolution coastline extraction from Landsat-8 OLI imagery by integrating downscaling and pansharping approaches. <i>Remote Sensing Letters</i> , 2018, 9, 314-323.	0.6	19
52	Estimating spatiotemporal variations of city-level energy-related CO ₂ emissions: An improved disaggregating model based on vegetation adjusted nighttime light data. <i>Journal of Cleaner Production</i> , 2018, 177, 101-114.	4.6	94
53	Modeling urban growth boundary based on the evaluation of the extension potential: A case study of Wuhan city in China. <i>Habitat International</i> , 2018, 72, 57-65.	2.3	62
54	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. <i>Remote Sensing</i> , 2018, 10, 1747.	1.8	31

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55	Prediction of Soil Organic Matter by VISâ€NIR Spectroscopy Using Normalized Soil Moisture Index as a Proxy of Soil Moisture. <i>Remote Sensing</i> , 2018, 10, 28.	1.8	41
56	The effects of locational factors on the housing prices of residential communities: The case of Ningbo, China. <i>Habitat International</i> , 2018, 81, 1-11.	2.3	64
57	A novel framework for rural homestead land transfer under collective ownership in China. <i>Land Use Policy</i> , 2018, 78, 138-146.	2.5	96
58	Quantifying the spatiality of urban leisure venues in Wuhan, Central China â€ GIS-based spatial pattern metrics. <i>Sustainable Cities and Society</i> , 2018, 40, 638-647.	5.1	38
59	Transferability of Visâ€NIR models for Soil Organic Carbon Estimation between Two Study Areas by using Spiking. <i>Soil Science Society of America Journal</i> , 2018, 82, 1231-1242.	1.2	23
60	Rapid identification of soil organic matter level via visible and near-infrared spectroscopy: Effects of two-dimensional correlation coefficient and extreme learning machine. <i>Science of the Total Environment</i> , 2018, 644, 1232-1243.	3.9	85
61	DASSCAN: A Density and Adjacency Expansion-Based Spatial Structural Community Detection Algorithm for Networks. <i>ISPRS International Journal of Geo-Information</i> , 2018, 7, 159.	1.4	8
62	Combining Fractional Order Derivative and Spectral Variable Selection for Organic Matter Estimation of Homogeneous Soil Samples by VISâ€NIR Spectroscopy. <i>Remote Sensing</i> , 2018, 10, 479.	1.8	65
63	Spatialâ€Temporal Patterns and Driving Forces of Ecological-Living-Production Land in Hubei Province, Central China. <i>Sustainability</i> , 2018, 10, 66.	1.6	29
64	Analyzing the Decoupling between Rural-to-Urban Migrants and Urban Land Expansion in Hubei Province, China. <i>Sustainability</i> , 2018, 10, 345.	1.6	19
65	Combining weighted daily life circles and land suitability for rural settlement reconstruction. <i>Habitat International</i> , 2018, 76, 1-9.	2.3	51
66	Simultaneously simulate vertical and horizontal expansions of a future urban landscape: a case study in Wuhan, Central China. <i>International Journal of Geographical Information Science</i> , 2017, 31, 1907-1928.	2.2	28
67	Measuring urban spatial interaction in Wuhan Urban Agglomeration, Central China: A spatially explicit approach. <i>Sustainable Cities and Society</i> , 2017, 32, 569-583.	5.1	77
68	Analyzing the Impacts of Urban Expansion on Green Fragmentation Using Constraint Gradient Analysis. <i>Professional Geographer</i> , 2017, 69, 553-566.	1.0	31
69	Diffusion or coalescence? Urban growth pattern and change in 363 Chinese cities from 1995 to 2015. <i>Sustainable Cities and Society</i> , 2017, 35, 729-739.	5.1	82
70	Optimal rural land use allocation in central China: Linking the effect of spatiotemporal patterns and policy interventions. <i>Applied Geography</i> , 2017, 86, 165-182.	1.7	38
71	A new method based on association rules mining and geo-filter for mining spatial association knowledge. <i>Chinese Geographical Science</i> , 2017, 27, 389-401.	1.2	10
72	Comparisons of spatial and non-spatial models for predicting soil carbon content based on visible and near-infrared spectral technology. <i>Geoderma</i> , 2017, 285, 280-292.	2.3	44

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73	An adaptive dual clustering algorithm based on hierarchical structure: A case study of settlement zoning. <i>Transactions in GIS</i> , 2017, 21, 916-933.	1.0	8
74	Analysis of Coastline Extraction from Landsat-8 OLI Imagery. <i>Water (Switzerland)</i> , 2017, 9, 816.	1.2	35
75	Urban Ecological Security Simulation and Prediction Using an Improved Cellular Automata (CA) Approach—A Case Study for the City of Wuhan in China. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 643.	1.2	26
76	Spatio-Temporal Change Detection of Ningbo Coastline Using Landsat Time-Series Images during 1976–2015. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 68.	1.4	59
77	A Novel Analysis Method of Geographical Centrality Based on Space of Flows. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 153.	1.4	6
78	An Efficient Vector-Raster Overlay Algorithm for High-Accuracy and High-Efficiency Surface Area Calculations of Irregularly Shaped Land Use Patches. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 156.	1.4	3
79	Evaluating the Evacuation and Rescue Capabilities of Urban Open Space from a Land Use Perspective: A Case Study in Wuhan, China. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 227.	1.4	8
80	Assessing Spatial Accessibility of Public and Private Residential Aged Care Facilities: A Case Study in Wuhan, Central China. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 304.	1.4	19
81	Exploring the Role of the Spatial Characteristics of Visible and Near-Infrared Reflectance in Predicting Soil Organic Carbon Density. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 308.	1.4	8
82	How Leisure Venues Are and Why? A Geospatial Perspective in Wuhan, Central China. <i>Sustainability</i> , 2017, 9, 1865.	1.6	14
83	An Improved Density-Based Time Series Clustering Method Based on Image Resampling: A Case Study of Surface Deformation Pattern Analysis. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 118.	1.4	1
84	Spatial-Temporal Analysis on Spring Festival Travel Rush in China Based on Multisource Big Data. <i>Sustainability</i> , 2016, 8, 1184.	1.6	60
85	Imbalance in Spatial Accessibility to Primary and Secondary Schools in China: Guidance for Education Sustainability. <i>Sustainability</i> , 2016, 8, 1236.	1.6	45
86	PSOLA: A Heuristic Land-Use Allocation Model Using Patch-Level Operations and Knowledge-Informed Rules. <i>PLoS ONE</i> , 2016, 11, e0157728.	1.1	18
87	Restructuring rural settlements based on an analysis of inter-village social connections: A case in Hubei Province, Central China. <i>Habitat International</i> , 2016, 57, 121-131.	2.3	50
88	Suitability evaluation of rural settlements based on accessibility of production and living: A case study of Tingzu Town in Hubei Province of China. <i>Chinese Geographical Science</i> , 2016, 26, 550-565.	1.2	15
89	Sensitivity of correlation structure of class- and landscape-level metrics in three diverse regions. <i>Ecological Indicators</i> , 2016, 64, 9-19.	2.6	25
90	Modeling different urban growth patterns based on the evolution of urban form: A case study from Huangpi, Central China. <i>Applied Geography</i> , 2016, 66, 109-118.	1.7	70

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91	Socioeconomic drivers of forest loss and fragmentation: A comparison between different land use planning schemes and policy implications. <i>Land Use Policy</i> , 2016, 54, 58-68.	2.5	119
92	Relationships between Street Centrality and Land Use Intensity in Wuhan, China. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2016, 142, .	0.8	30
93	Evaluating extended land consumption in building life cycle to improve land conservation: A case study in Shenyang, China. <i>Resources, Conservation and Recycling</i> , 2016, 109, 78-89.	5.3	7
94	Urban Growth Modeling Based on a Game between Farmers and Governments: Case Study of Urban Fringe in Wuhan, Hubei Province in China. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2016, 142, .	0.8	12
95	AITSO: A Tool for Spatial Optimization Based on Artificial Immune Systems. <i>Computational Intelligence and Neuroscience</i> , 2015, 2015, 1-13.	1.1	4
96	Statistical model development and estimation of suspended particulate matter concentrations with Landsat 8 OLI images of Dongting Lake, China. <i>International Journal of Remote Sensing</i> , 2015, 36, 343-360.	1.3	42
97	Regional land-use allocation with a spatially explicit genetic algorithm. <i>Landscape and Ecological Engineering</i> , 2015, 11, 209-219.	0.7	26
98	Multi-order Landscape Expansion Index: Characterizing urban expansion dynamics. <i>Landscape and Urban Planning</i> , 2015, 137, 30-39.	3.4	70
99	A comparative analysis of urban and rural construction land use change and driving forces: Implications for urban-rural coordination development in Wuhan, Central China. <i>Habitat International</i> , 2015, 47, 113-125.	2.3	124
100	Using inter-town network analysis in city system planning: A case study of Hubei Province in China. <i>Habitat International</i> , 2015, 49, 454-465.	2.3	20
101	Road centrality and landscape spatial patterns in Wuhan Metropolitan Area, China. <i>Chinese Geographical Science</i> , 2015, 25, 511-522.	1.2	24
102	Comparing geospatial techniques to predict SOC stocks. <i>Soil and Tillage Research</i> , 2015, 148, 46-58.	2.6	65
103	Response to "Visible and near-infrared reflectance spectroscopy is of limited practical use to monitor soil contamination by heavy metals" by Philippe C. Baveye. <i>Journal of Hazardous Materials</i> , 2015, 285, 207.	6.5	1
104	Characterization and spatial modeling of urban sprawl in the Wuhan Metropolitan Area, China. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2015, 34, 10-24.	1.4	83
105	A land-use spatial optimization model based on genetic optimization and game theory. <i>Computers, Environment and Urban Systems</i> , 2015, 49, 1-14.	3.3	99
106	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. <i>Computers, Environment and Urban Systems</i> , 2015, 49, 15-29.	3.3	63
107	Alternative Zoning Scenarios for Regional Sustainable Land Use Controls in China: A Knowledge-Based Multiobjective Optimisation Model. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 8839-8866.	1.2	9
108	Transferability of a Visible and Near-Infrared Model for Soil Organic Matter Estimation in Riparian Landscapes. <i>Remote Sensing</i> , 2014, 6, 4305-4322.	1.8	34

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109	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
110	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
111	Thematic maps for land consolidation planning in Hubei Province, China. Journal of Maps, 2014, 10, 26-34.	1.0	11
112	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
113	Visible and near-infrared reflectance spectroscopy—An alternative for monitoring soil contamination by heavy metals. Journal of Hazardous Materials, 2014, 265, 166-176.	6.5	265
114	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
115	Urban growth and its determinants across the Wuhan urban agglomeration, central China. Habitat International, 2014, 44, 268-281.	2.3	112
116	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
117	Urban sprawl and related problems: Bibliometric analysis and refined analysis from 1991 to 2011. Chinese Geographical Science, 2014, 24, 245-257.	1.2	18
118	The method of earthquake landslide information extraction with high-resolution remote sensing. Proceedings of SPIE, 2014, , .	0.8	0
119	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
120	Replies to comments on “œa bibliometric study of earthquake research: 1900–2010”. Scientometrics, 2013, 96, 933-936.	1.6	20
121	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
122	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
123	Progress in global parallel computing research: a bibliometric approach. Scientometrics, 2013, 95, 967-983.	1.6	10
124	A self-adapting fuzzy inference system for the evaluation of agricultural land. Environmental Modelling and Software, 2013, 40, 226-234.	1.9	40
125	A counterfactual scenario simulation approach for assessing the impact of farmland 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
126	China's Food Security Soiled by Contamination. Science, 2013, 339, 1382-1383.	6.0	81

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127	A Stochastic Actor-Based Modelling of the Evolution of an Intercity Corporate Network. <i>Environment and Planning A</i> , 2013, 45, 947-966.	2.1	22
128	A spatial and temporal reflectance fusion model considering sensor observation differences. <i>International Journal of Remote Sensing</i> , 2013, 34, 4367-4383.	1.3	66
129	Estimating Carex quality with laboratory-based hyperspectral measurements. <i>International Journal of Remote Sensing</i> , 2013, 34, 1866-1878.	1.3	3
130	Land-surface temperature retrieval at high spatial and temporal resolutions based on multi-sensor fusion. <i>International Journal of Digital Earth</i> , 2013, 6, 113-133.	1.6	49
131	Using remotely sensed suspended sediment concentration variation to improve management of Poyang Lake, China. <i>Lake and Reservoir Management</i> , 2013, 29, 47-60.	0.4	51
132	Simulating the Conversion of Rural Settlements to Town Land Based on Multi-Agent Systems and Cellular Automata. <i>PLoS ONE</i> , 2013, 8, e79300.	1.1	22
133	A parallelized multi-objective particle swarm optimization model to design soil sampling network. , 2012, , .		0
134	Feasibility of Estimating Cu Contamination in Floodplain Soils using VNIR Spectroscopy—A Case Study in the Le'an River Floodplain, China. <i>Soil and Sediment Contamination</i> , 2012, 21, 951-969.	1.1	14
135	Land Use Zoning at the County Level Based on a Multi-Objective Particle Swarm Optimization Algorithm: A Case Study from Yicheng, China. <i>International Journal of Environmental Research and Public Health</i> , 2012, 9, 2801-2826.	1.2	34
136	Estimation of total iron content in floodplain soils using VNIR spectroscopy—a case study in the Le'an River floodplain, China. <i>International Journal of Remote Sensing</i> , 2012, 33, 5954-5972.	1.3	14
137	Analyzing the spatial autocorrelation of regional urban datum land price. <i>Geo-Spatial Information Science</i> , 2012, 15, 263-269.	2.4	4
138	A body temperature model for lizards as estimated from the thermal environment. <i>Journal of Thermal Biology</i> , 2012, 37, 56-64.	1.1	28
139	A bibliometric study of earthquake research: 1900—2010. <i>Scientometrics</i> , 2012, 92, 747-765.	1.6	99
140	Characterizing land-use classes in remote sensing imagery by shape metrics. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2012, 72, 46-55.	4.9	35
141	A Bibliometric Analysis of 20 Years of Globalization Research: 1990—2009. <i>Globalizations</i> , 2012, 9, 195-210.	1.9	12
142	A knowledge-based approach for assessing the quality of Landsat water body mapping product. , 2012, , .		1
143	Mapping of Cu and Pb Contaminations in Soil Using Combined Geochemistry, Topography, and Remote Sensing: A Case Study in the Le'an River Floodplain, China. <i>International Journal of Environmental Research and Public Health</i> , 2012, 9, 1874-1886.	1.2	23
144	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. <i>Science China Earth Sciences</i> , 2012, 55, 1166-1177.	2.3	39

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145	Predicting micro thermal habitat of lizards in a dynamic thermal environment. <i>Ecological Modelling</i> , 2012, 231, 126-133.	1.2	7
146	An Integrated Approach for Assessing Aquatic Ecological Carrying Capacity: A Case Study of Wujin District in the Tai Lake Basin, China. <i>International Journal of Environmental Research and Public Health</i> , 2011, 8, 264-280.	1.2	22
147	Absorption and backscattering coefficients and their relations to water constituents of Poyang Lake, China. <i>Applied Optics</i> , 2011, 50, 6358.	2.1	45
148	Analyzing the effects of scale and land use pattern metrics on land use database generalization indices. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2011, 13, 346-356.	1.4	6
149	Land use data generalization indices considering scale and land use pattern effects. <i>Science China Earth Sciences</i> , 2011, 54, 694-702.	2.3	6
150	Self-organizing dual clustering considering spatial analysis and hybrid distance measures. <i>Science China Earth Sciences</i> , 2011, 54, 1268-1278.	2.3	15
151	Feasibility of estimating heavy metal contaminations in floodplain soils using laboratory-based hyperspectral data—A case study along Le'an River, China. <i>Geo-Spatial Information Science</i> , 2011, 14, 10-16.	2.4	42
152	Featured Graphic: GDP, Livability, Population, and Income Inequality of World Cities. <i>Environment and Planning A</i> , 2011, 43, 2255-2256.	2.1	12
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