

Jun Yang

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

4,935
citations

109321

35
h-index

98798

67
g-index

99
all docs

99
docs citations

99
times ranked

3284
citing authors

#	ARTICLE	IF	CITATIONS
1	An Exploratory Evaluation of Multiscale Data Analysis for Landform Element Detection on High-Resolution DEM. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	3.1	2
2	Spatial differentiation of comprehensive suitability of urban human settlements based on GIS: a case study of Liaoning Province, China. <i>Environment, Development and Sustainability</i> , 2022, 24, 4150-4174.	5.0	17
3	Urbanization reduces resource use efficiency of phytoplankton community by altering the environment and decreasing biodiversity. <i>Journal of Environmental Sciences</i> , 2022, 112, 140-151.	6.1	46
4	Spatial Responses of Ecosystem Service Value during the Development of Urban Agglomerations. <i>Land</i> , 2022, 11, 165.	2.9	32
5	Urban scale ventilation analysis based on neighborhood normalized current model. <i>Sustainable Cities and Society</i> , 2022, 80, 103746.	10.4	38
6	Exploring thermal comfort of urban buildings based on local climate zones. <i>Journal of Cleaner Production</i> , 2022, 340, 130744.	9.3	92
7	Morphological and functional polycentric structure assessment of megacity: An integrated approach with spatial distribution and interaction. <i>Sustainable Cities and Society</i> , 2022, 80, 103800.	10.4	65
8	Contribution of urban functional zones to the spatial distribution of urban thermal environment. <i>Building and Environment</i> , 2022, 216, 109000.	6.9	84
9	Spatiotemporal Evolution of the Urban Thermal Environment Effect and Its Influencing Factors: A Case Study of Beijing, China. <i>ISPRS International Journal of Geo-Information</i> , 2022, 11, 278.	2.9	6
10	Offshore Island Connection Line: A new perspective of coastal urban development boundary simulation and multi-scenario prediction. <i>GIScience and Remote Sensing</i> , 2022, 59, 801-821.	5.9	26
11	The contribution of data-driven poverty alleviation funds in achieving mid-21st-Century multidimensional poverty alleviation planning. <i>Humanities and Social Sciences Communications</i> , 2022, 9, .	2.9	8
12	Spatial-Temporal Patterns of Network Structure of Human Settlements Competitiveness in Resource-Based Urban Agglomerations. <i>Frontiers in Environmental Science</i> , 2022, 10, .	3.3	9
13	Contributions of sea-land breeze and local climate zones to daytime and nighttime heat island intensity. <i>Npj Urban Sustainability</i> , 2022, 2, .	8.0	34
14	Urban ventilation corridors and spatiotemporal divergence patterns of urban heat island intensity: a local climate zone perspective. <i>Environmental Science and Pollution Research</i> , 2022, 29, 74394-74406.	5.3	24
15	Invasive and toxic cyanobacteria regulate allochthonous resource use and community niche width of reservoir zooplankton. <i>Freshwater Biology</i> , 2022, 67, 1344-1356.	2.4	10
16	Walking Accessibility to the Bus Stop: Does It Affect Residential Rents? The Case of Jinan, China. <i>Land</i> , 2022, 11, 860.	2.9	6
17	Temporal and Spatial Distribution Changes, Driving Force Analysis and Simulation Prediction of Ecological Vulnerability in Liaoning Province, China. <i>Land</i> , 2022, 11, 1025.	2.9	4
18	Structural and functional variations of phytoplankton communities in the face of multiple disturbances. <i>Journal of Environmental Sciences</i> , 2021, 100, 287-297.	6.1	23

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19	Urban Thermal Characteristics of Local Climate Zones and Their Mitigation Measures across Cities in Different Climate Zones of China. <i>Remote Sensing</i> , 2021, 13, 1468.	4.0	26
20	Research on the interactive relationship and the optimal adaptation degree between land use benefit and industrial structure evolution: A practical analysis of Jiangsu province. <i>Journal of Cleaner Production</i> , 2021, 303, 127016.	9.3	12
21	Effects of rural revitalization on rural tourism. <i>Journal of Hospitality and Tourism Management</i> , 2021, 47, 35-45.	6.6	176
22	Understanding land surface temperature impact factors based on local climate zones. <i>Sustainable Cities and Society</i> , 2021, 69, 102818.	10.4	151
23	Critical role of temporal contexts in evaluating urban cellular automata models. <i>GIScience and Remote Sensing</i> , 2021, 58, 799-811.	5.9	10
24	Spatial evolution of population change in Northeast China during 1992–2018. <i>Science of the Total Environment</i> , 2021, 776, 146023.	8.0	64
25	Suitability of human settlements in mountainous areas from the perspective of ventilation: A case study of the main urban area of Chongqing. <i>Journal of Cleaner Production</i> , 2021, 310, 127467.	9.3	92
26	Influence of urban morphological characteristics on thermal environment. <i>Sustainable Cities and Society</i> , 2021, 72, 103045.	10.4	133
27	Aspect in Topography to Enhance Fine-detailed Landform Element Extraction on High-resolution DEM. <i>Chinese Geographical Science</i> , 2021, 31, 915-930.	3.0	1
28	Contribution of urban ventilation to the thermal environment and urban energy demand: Different climate background perspectives. <i>Science of the Total Environment</i> , 2021, 795, 148791.	8.0	105
29	SPDNet: A Real-Time Passenger Detection Method Based on Attention Mechanism in Subway Station Scenes. <i>Wireless Communications and Mobile Computing</i> , 2021, 2021, 1-13.	1.2	5
30	Influences of urban spatial form on urban heat island effects at the community level in China. <i>Sustainable Cities and Society</i> , 2020, 53, 101972.	10.4	203
31	Investigating the diversity of land surface temperature characteristics in different scale cities based on local climate zones. <i>Urban Climate</i> , 2020, 34, 100700.	5.7	101
32	Spatiotemporal patterns of vegetation phenology along the urban–rural gradient in Coastal Dalian, China. <i>Urban Forestry and Urban Greening</i> , 2020, 54, 126784.	5.3	46
33	Human Settlement Assessment in Jinan From a Facility Resource Perspective. <i>SAGE Open</i> , 2020, 10, 215824402092405.	1.7	4
34	Impact of urban morphology and landscape characteristics on spatiotemporal heterogeneity of land surface temperature. <i>Sustainable Cities and Society</i> , 2020, 63, 102443.	10.4	110
35	Resolution of eicosanoid/cytokine storm prevents carcinogen and inflammation-initiated hepatocellular cancer progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21576-21587.	7.1	48
36	Effects of the Northeast China Revitalization Strategy on Regional Economic Growth and Social Development. <i>Chinese Geographical Science</i> , 2020, 30, 791-809.	3.0	36

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37	Fuzzy-Based Super-Twisting Sliding Mode Stabilization Control for Under-Actuated Rotary Inverted Pendulum Systems. IEEE Access, 2020, 8, 185079-185092.	4.2	17
38	Optimizing local climate zones to mitigate urban heat island effect in human settlements. Journal of Cleaner Production, 2020, 275, 123767.	9.3	167
39	The Effect of Regional Industrial Restructuring on the Resource Environmental Carrying Capacity in Jingjiang City, Jiangsu Province, China. Complexity, 2020, 2020, 1-15.	1.6	0
40	A New method of simulating urban ventilation corridors using circuit theory. Sustainable Cities and Society, 2020, 59, 102162.	10.4	37
41	Metro Passenger Flow Prediction Model Using Attention-Based Neural Network. IEEE Access, 2020, 8, 30953-30959.	4.2	17
42	The influence of high-speed rail on ice-snow tourism in northeastern China. Tourism Management, 2020, 78, 104070.	9.8	102
43	Research on the Influence of Bounded Rationality and Product Differentiation on the Stability of Steel Industry Market. Discrete Dynamics in Nature and Society, 2020, 2020, 1-20.	0.9	2
44	Research progress on human settlements: From traditional data to big data+. Progress in Geography, 2020, 39, 166-176.	0.7	6
45	The 2012 Flash Drought Threatened US Midwest Agroecosystems. Chinese Geographical Science, 2019, 29, 768-783.	3.0	48
46	Research on the Impact of Various Emission Reduction Policies on China's Iron and Steel Industry Production and Economic Level under the Carbon Trading Mechanism. Energies, 2019, 12, 1624.	3.1	11
47	An Effective Classification Scheme for Hyperspectral Image Based on Superpixel and Discontinuity Preserving Relaxation. Remote Sensing, 2019, 11, 1149.	4.0	7
48	Stable classification with limited sample: transferring a 30-m resolution sample set collected in 2015 to mapping 10-m resolution global land cover in 2017. Science Bulletin, 2019, 64, 370-373.	9.0	761
49	Spatial differentiation of urban wind and thermal environment in different grid sizes. Urban Climate, 2019, 28, 100458.	5.7	103
50	Local climate zone ventilation and urban land surface temperatures: Towards a performance-based and wind-sensitive planning proposal in megacities. Sustainable Cities and Society, 2019, 47, 101487.	10.4	204
51	Impact of the Perceived Authenticity of Heritage Sites on Subjective Well-Being: A Study of the Mediating Role of Place Attachment and Satisfaction. Sustainability, 2019, 11, 6148.	3.2	40
52	Unsupervised hyperspectral feature selection based on fuzzy <i>k</i> -means and grey wolf optimizer. International Journal of Remote Sensing, 2019, 40, 3344-3367.	2.9	18
53	Unsupervised band selection based on artificial bee colony algorithm for hyperspectral image classification. Applied Soft Computing Journal, 2019, 75, 428-440.	7.2	80
54	Simulation of landscape spatial layout evolution in rural-urban fringe areas: a case study of Ganjingzi District. GIScience and Remote Sensing, 2019, 56, 388-405.	5.9	116

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55	Study on spatial-temporal differentiation of ecological carrying capacity in urban fringe areas at community scale: A case study of Ganjingzi District in Dalian. <i>Acta Ecologica Sinica</i> , 2019, 39, .	0.1	1
56	The minimum distance for ecological security from perspective of the thermal environment: the case of three northern districts of Dalian. <i>Acta Ecologica Sinica</i> , 2019, 39, .	0.1	0
57	Prediction and analysis of urban thermal environment risk and its spatio-temporal pattern. <i>Acta Ecologica Sinica</i> , 2019, 39, .	0.1	2
58	Community assembly processes underlying phytoplankton and bacterioplankton across a hydrologic change in a human-impacted river. <i>Science of the Total Environment</i> , 2018, 630, 658-667.	8.0	108
59	Impact of Accessibility on Housing Prices in Dalian City of China Based on a Geographically Weighted Regression Model. <i>Chinese Geographical Science</i> , 2018, 28, 505-515.	3.0	53
60	Does distance hinder the collaboration between Australian universities in the humanities, arts and social sciences?. <i>Scientometrics</i> , 2018, 115, 695-715.	3.0	6
61	The Impact of Spatial Form of Urban Architecture on the Urban Thermal Environment: A Case Study of the Zhongshan District, Dalian, China. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 2709-2716.	4.9	45
62	Risk assessment of precipitation extremes in northern Xinjiang, China. <i>Theoretical and Applied Climatology</i> , 2018, 132, 823-834.	2.8	8
63	Spatial differentiation of China's summer tourist destinations based on climatic suitability using the Universal Thermal Climate Index. <i>Theoretical and Applied Climatology</i> , 2018, 134, 859-874.	2.8	16
64	Spatio-temporal theories, technologies and applications for transport and urban planning. <i>Journal of Spatial Science</i> , 2018, 63, 199-201.	1.5	3
65	How to Measure Urban Land Use Intensity? A Perspective of Multi-Objective Decision in Wuhan Urban Agglomeration, China. <i>Sustainability</i> , 2018, 10, 3874.	3.2	19
66	Semi-Supervised Classification for Hyperspectral Images Based on Multiple Classifiers and Relaxation Strategy. <i>ISPRS International Journal of Geo-Information</i> , 2018, 7, 284.	2.9	6
67	Simulating Intraurban Land Use Dynamics under Multiple Scenarios Based on Fuzzy Cellular Automata: A Case Study of Jinzhou District, Dalian. <i>Complexity</i> , 2018, 2018, 1-17.	1.6	31
68	Spatiotemporal variation characteristics of green space ecosystem service value at urban fringes: A case study on Ganjingzi District in Dalian, China. <i>Science of the Total Environment</i> , 2018, 639, 1453-1461.	8.0	63
69	Study of the Impact of a High-Speed Railway Opening on China's Accessibility Pattern and Spatial Equality. <i>Sustainability</i> , 2018, 10, 2943.	3.2	70
70	Urban fringe area ecological vulnerability space-time evolution research: the case of Ganjingzi District, Dalian. <i>Acta Ecologica Sinica</i> , 2018, 38, .	0.1	2
71	Assessing the impacts of urbanization-associated green space on urban land surface temperature: A case study of Dalian, China. <i>Urban Forestry and Urban Greening</i> , 2017, 22, 1-10.	5.3	176
72	Disturbance-induced phytoplankton regime shifts and recovery of cyanobacteria dominance in two subtropical reservoirs. <i>Water Research</i> , 2017, 120, 52-63.	11.3	151

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73	The Relationship between Authoritarian Leadership and Employees' Deviant Workplace Behaviors: The Mediating Effects of Psychological Contract Violation and Organizational Cynicism. <i>Frontiers in Psychology</i> , 2017, 8, 732.	2.1	61
74	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.	2.9	3
75	The Spatial Differentiation of the Suitability of Ice-Snow Tourist Destinations Based on a Comprehensive Evaluation Model in China. <i>Sustainability</i> , 2017, 9, 774.	3.2	16
76	Semisupervised Community Detection by Voltage Drops. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-10.	1.1	1
77	A Local Land Use Competition Cellular Automata Model and Its Application. <i>ISPRS International Journal of Geo-Information</i> , 2016, 5, 106.	2.9	37
78	Spatio-temporal differentiation of residential land for coastal town: A case study of Dalian Jinshitan. <i>Chinese Geographical Science</i> , 2016, 26, 566-576.	3.0	13
79	Determinants of island tourism development: The example of Dachangshan Island. <i>Tourism Management</i> , 2016, 55, 261-271.	9.8	40
80	Ecosystem health assessment based on DPSIRM framework and health distance model in Nansi Lake, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016, 30, 1235-1247.	4.0	47
81	Levels and distribution of organochlorine pesticides and hexachlorobutadiene in soils and terrestrial organisms from a former pesticide-producing area in Southwest China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016, 30, 1249-1262.	4.0	27
82	Urban green space, uneven development and accessibility: a case of Dalian's Xigang District. <i>Chinese Geographical Science</i> , 2015, 25, 644-656.	3.0	27
83	Initial Study on Triaxiality of Human Settlements "In the Case of 10 Districts (Counties) of Dalian. <i>Sustainability</i> , 2014, 6, 7276-7291.	3.2	10
84	A Multitarget Land Use Change Simulation Model Based on Cellular Automata and Its Application. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-11.	0.7	8
85	Study on Semantic Contrast Evaluation Based on Vector and Raster Data Patch Generalization. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-10.	0.7	2
86	A novel cluster validity index for fuzzy clustering based on bipartite modularity. <i>Fuzzy Sets and Systems</i> , 2014, 253, 122-137.	2.7	35
87	Temperature and nutrients are significant drivers of seasonal shift in phytoplankton community from a drinking water reservoir, subtropical China. <i>Environmental Science and Pollution Research</i> , 2014, 21, 5917-5928.	5.3	105
88	Land Use Patch Generalization Based on Semantic Priority. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-8.	0.7	2
89	Spatiotemporal Simulation of Tourist Town Growth Based on the Cellular Automata Model: The Case of Sanpo Town in Hebei Province. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-7.	0.7	3
90	Algae community and trophic state of subtropical reservoirs in southeast Fujian, China. <i>Environmental Science and Pollution Research</i> , 2012, 19, 1432-1442.	5.3	110

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91	Ecological risk assessment of genetically modified crops based on cellular automata modeling. <i>Biotechnology Advances</i> , 2009, 27, 1132-1136.	11.7	10
92	Sustainable development of marine economy in China. <i>Chinese Geographical Science</i> , 2004, 14, 308-313.	3.0	14
93	Spatiotemporal evolution of pseudo human settlements: case study of 36 cities in the three provinces of Northeast China from 2011 to 2018. <i>Environment, Development and Sustainability</i> , 0, , 1.	5.0	6