

# Jun Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/832853/publications.pdf>

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	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. <i>Science Bulletin</i> , 2019, 64, 370-373.	9.0	761
2	Local climate zone ventilation and urban land surface temperatures: Towards a performance-based and wind-sensitive planning proposal in megacities. <i>Sustainable Cities and Society</i> , 2019, 47, 101487.	10.4	204
3	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
4	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
5	Effects of rural revitalization on rural tourism. <i>Journal of Hospitality and Tourism Management</i> , 2021, 47, 35-45.	6.6	176
6	Optimizing local climate zones to mitigate urban heat island effect in human settlements. <i>Journal of Cleaner Production</i> , 2020, 275, 123767.	9.3	167
7	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
8	Understanding land surface temperature impact factors based on local climate zones. <i>Sustainable Cities and Society</i> , 2021, 69, 102818.	10.4	151
9	Influence of urban morphological characteristics on thermal environment. <i>Sustainable Cities and Society</i> , 2021, 72, 103045.	10.4	133
10	Simulation of landscape spatial layout evolution in rural-urban fringe areas: a case study of Ganjingzi District. <i>GIScience and Remote Sensing</i> , 2019, 56, 388-405.	5.9	116
11	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
12	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
13	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
14	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
15	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
16	Spatial differentiation of urban wind and thermal environment in different grid sizes. <i>Urban Climate</i> , 2019, 28, 100458.	5.7	103
17	The influence of high-speed rail on ice&quot;snow tourism in northeastern China. <i>Tourism Management</i> , 2020, 78, 104070.	9.8	102
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Exploring thermal comfort of urban buildings based on local climate zones. <i>Journal of Cleaner Production</i> , 2022, 340, 130744.	9.3	92
21	Contribution of urban functional zones to the spatial distribution of urban thermal environment. <i>Building and Environment</i> , 2022, 216, 109000.	6.9	84
22	Unsupervised band selection based on artificial bee colony algorithm for hyperspectral image classification. <i>Applied Soft Computing Journal</i> , 2019, 75, 428-440.	7.2	80
23	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
24	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
25	Spatial evolution of population change in Northeast China during 1992-2018. <i>Science of the Total Environment</i> , 2021, 776, 146023.	8.0	64
26	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
27	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
28	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
29	The 2012 Flash Drought Threatened US Midwest Agroecosystems. <i>Chinese Geographical Science</i> , 2019, 29, 768-783.	3.0	48
30	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
31	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
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	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
34	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
35	Determinants of island tourism development: The example of Dachangshan Island. <i>Tourism Management</i> , 2016, 55, 261-271.	9.8	40
36	Impact of the Perceived Authenticity of Heritage Sites on Subjective Well-Being: A Study of the Mediating Role of Place Attachment and Satisfaction. <i>Sustainability</i> , 2019, 11, 6148.	3.2	40

#	ARTICLE	IF	CITATIONS
37	Urban scale ventilation analysis based on neighborhood normalized current model. <i>Sustainable Cities and Society</i> , 2022, 80, 103746.	10.4	38
38	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
39	A New method of simulating urban ventilation corridors using circuit theory. <i>Sustainable Cities and Society</i> , 2020, 59, 102162.	10.4	37
40	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
41	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
42	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
43	Spatial Responses of Ecosystem Service Value during the Development of Urban Agglomerations. <i>Land</i> , 2022, 11, 165.	2.9	32
44	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
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	Unsupervised hyperspectral feature selection based on fuzzy $c$ -means and grey wolf optimizer. <i>International Journal of Remote Sensing</i> , 2019, 40, 3344-3367.	2.9	18
53	Fuzzy-Based Super-Twisting Sliding Mode Stabilization Control for Under-Actuated Rotary Inverted Pendulum Systems. <i>IEEE Access</i> , 2020, 8, 185079-185092.	4.2	17
54	Metro Passenger Flow Prediction Model Using Attention-Based Neural Network. <i>IEEE Access</i> , 2020, 8, 30953-30959.	4.2	17

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	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
58	Sustainable development of marine economy in China. <i>Chinese Geographical Science</i> , 2004, 14, 308-313.	3.0	14
59	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
60	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
61	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. <i>Energies</i> , 2019, 12, 1624.	3.1	11
62	Ecological risk assessment of genetically modified crops based on cellular automata modeling. <i>Biotechnology Advances</i> , 2009, 27, 1132-1136.	11.7	10
63	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
64	Critical role of temporal contexts in evaluating urban cellular automata models. <i>GIScience and Remote Sensing</i> , 2021, 58, 799-811.	5.9	10
65	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
66	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
67	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
68	Risk assessment of precipitation extremes in northern Xinjiang, China. <i>Theoretical and Applied Climatology</i> , 2018, 132, 823-834.	2.8	8
69	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
70	An Effective Classification Scheme for Hyperspectral Image Based on Superpixel and Discontinuity Preserving Relaxation. <i>Remote Sensing</i> , 2019, 11, 1149.	4.0	7
71	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
72	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

#	ARTICLE	IF	CITATIONS
73	Research progress on human settlements: From traditional data to big data+. Progress in Geography, 2020, 39, 166-176.	0.7	6
74	Spatiotemporal evolution of pseudo human settlements: case study of 36 cities in the three provinces of Northeast China from 2011 to 2018. Environment, Development and Sustainability, 0, , 1.	5.0	6
75	Spatiotemporal Evolution of the Urban Thermal Environment Effect and Its Influencing Factors: A Case Study of Beijing, China. ISPRS International Journal of Geo-Information, 2022, 11, 278.	2.9	6
76	Walking Accessibility to the Bus Stop: Does It Affect Residential Rents? The Case of Jinan, China. Land, 2022, 11, 860.	2.9	6
77	SPDNet: A Real-Time Passenger Detection Method Based on Attention Mechanism in Subway Station Scenes. Wireless Communications and Mobile Computing, 2021, 2021, 1-13.	1.2	5
78	Human Settlement Assessment in Jinan From a Facility Resource Perspective. SAGE Open, 2020, 10, 215824402092405.	1.7	4
79	Temporal and Spatial Distribution Changes, Driving Force Analysis and Simulation Prediction of Ecological Vulnerability in Liaoning Province, China. Land, 2022, 11, 1025.	2.9	4
80	Spatiotemporal Simulation of Tourist Town Growth Based on the Cellular Automata Model: The Case of Sanpo Town in Hebei Province. Abstract and Applied Analysis, 2013, 2013, 1-7.	0.7	3
81	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.	2.9	3
82	Spatio-temporal theories, technologies and applications for transport and urban planning. Journal of Spatial Science, 2018, 63, 199-201.	1.5	3
83	Land Use Patch Generalization Based on Semantic Priority. Abstract and Applied Analysis, 2013, 2013, 1-8.	0.7	2
84	Study on Semantic Contrast Evaluation Based on Vector and Raster Data Patch Generalization. Abstract and Applied Analysis, 2014, 2014, 1-10.	0.7	2
85	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
86	An Exploratory Evaluation of Multiscale Data Analysis for Landform Element Detection on High-Resolution DEM. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	2
87	Urban fringe area ecological vulnerability space-time evolution research: the case of Ganjingzi District, Dalian. Acta Ecologica Sinica, 2018, 38, .	0.1	2
88	Prediction and analysis of urban thermal environment risk and its spatio-temporal pattern. Acta Ecologica Sinica, 2019, 39, .	0.1	2
89	Semisupervised Community Detection by Voltage Drops. Mathematical Problems in Engineering, 2016, 2016, 1-10.	1.1	1
90	Aspect in Topography to Enhance Fine-detailed Landform Element Extraction on High-resolution DEM. Chinese Geographical Science, 2021, 31, 915-930.	3.0	1

#	ARTICLE	IF	CITATIONS
91	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
92	The Effect of Regional Industrial Restructuring on the Resource Environmental Carrying Capacity in Jingjiang City, Jiangsu Province, China. <i>Complexity</i> , 2020, 2020, 1-15.	1.6	0
93	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