

Yao Yao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3750521/publications.pdf>

Version: 2024-02-01

124
papers

4,804
citations

126907

33
h-index

110387

64
g-index

130
all docs

130
docs citations

130
times ranked

2908
citing authors

#	ARTICLE	IF	CITATIONS
1	Excessive sleep increased the risk of incidence of cognitive impairment among older Chinese adults: a cohort study based on the Chinese Longitudinal Healthy Longevity Survey (CLHLS). <i>International Psychogeriatrics</i> , 2022, 34, 725-734.	1.0	14
2	cuFSDAF: An Enhanced Flexible Spatiotemporal Data Fusion Algorithm Parallelized Using Graphics Processing Units. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-16.	6.3	14
3	Under the Dome: A 3D Urban Texture Model and Its Relationship with Urban Land Surface Temperature. <i>Annals of the American Association of Geographers</i> , 2022, 112, 1369-1389.	2.2	4
4	Can parkland mitigate mental health burden imposed by the COVID-19? A national study in China. <i>Urban Forestry and Urban Greening</i> , 2022, 67, 127451.	5.3	18
5	Association between single nucleotide polymorphism of rs1937 in TFAM gene and longevity among the elderly Chinese population: based on the CLHLS study. <i>BMC Geriatrics</i> , 2022, 22, 16.	2.7	3
6	Classifying land-use patterns by integrating time-series electricity data and high-spatial resolution remote sensing imagery. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 106, 102664.	2.8	11
7	Association of PM _{2.5} Reduction with Improved Kidney Function: A Nationwide Quasiexperiment among Chinese Adults. <i>Health Data Science</i> , 2022, 2022, .	2.3	2
8	VecLI: A framework for calculating vector landscape indices considering landscape fragmentation. <i>Environmental Modelling and Software</i> , 2022, 149, 105325.	4.5	8
9	The effect of China's Clean Air Act on cognitive function in older adults: a population-based, quasi-experimental study. <i>The Lancet Healthy Longevity</i> , 2022, 3, e98-e108.	4.6	35
10	Thyroid nodules and its association with vitamin D in centenarians. <i>Experimental Gerontology</i> , 2022, 161, 111730.	2.8	2
11	Associations between the streetscape built environment and walking to school among primary schoolchildren in Beijing, China. <i>Journal of Transport Geography</i> , 2022, 99, 103303.	5.0	23
12	Psychometric properties of the Barthel Index for evaluating physical function among Chinese oldest-old. <i>JCSM Clinical Reports</i> , 2022, 7, 33-43.	1.3	2
13	Psychometric properties and modification of the 15-item geriatric depression scale among Chinese oldest-old and centenarians: a mixed-methods study. <i>BMC Geriatrics</i> , 2022, 22, 144.	2.7	10
14	Associations of Humidity and Temperature With Cataracts Among Older Adults in China. <i>Frontiers in Public Health</i> , 2022, 10, 872030.	2.7	5
15	Estimating urban functional distributions with semantics preserved POI embedding. <i>International Journal of Geographical Information Science</i> , 2022, 36, 1905-1930.	4.8	22
16	Association Between Ambient Fine Particulate Matter and Physical Functioning in Middle-Aged and Older Chinese Adults: A Nationwide Longitudinal Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 986-993.	3.6	9
17	Association between outdoor artificial light at night and sleep duration among older adults in China: A cross-sectional study. <i>Environmental Research</i> , 2022, 212, 113343.	7.5	15
18	Malnutrition is positively associated with cognitive decline in centenarians and oldest-old adults: A cross-sectional study. <i>EClinicalMedicine</i> , 2022, 47, 101336.	7.1	20

#	ARTICLE	IF	CITATIONS
19	More visible greenspace, stronger heart? Evidence from ischaemic heart disease emergency department visits by middle-aged and older adults in Hubei, China. <i>Landscape and Urban Planning</i> , 2022, 224, 104444.	7.5	13
20	Assessing myocardial infarction severity from the urban environment perspective in Wuhan, China. <i>Journal of Environmental Management</i> , 2022, 317, 115438.	7.8	6
21	Recognizing Multivariate Geochemical Anomalies Related to Mineralization by Using Deep Unsupervised Graph Learning. <i>Natural Resources Research</i> , 2022, 31, 2225-2245.	4.7	9
22	The Traj2Vec model to quantify residents's spatial trajectories and estimate the proportions of urban land-use types. <i>International Journal of Geographical Information Science</i> , 2021, 35, 193-211.	4.8	36
23	Sensing Mixed Urban Land-Use Patterns Using Municipal Water Consumption Time Series. <i>Annals of the American Association of Geographers</i> , 2021, 111, 68-86.	2.2	2
24	Mixed-cell cellular automata: A new approach for simulating the spatio-temporal dynamics of mixed land use structures. <i>Landscape and Urban Planning</i> , 2021, 205, 103960.	7.5	65
25	Spatiotemporal distribution of human trafficking in China and predicting the locations of missing persons. <i>Computers, Environment and Urban Systems</i> , 2021, 85, 101567.	7.1	6
26	Simulating urban expansion by incorporating an integrated gravitational field model into a demand-driven random forest-cellular automata model. <i>Cities</i> , 2021, 109, 103044.	5.6	37
27	Understanding the drivers of sustainable land expansion using a patch-generating land use simulation (PLUS) model: A case study in Wuhan, China. <i>Computers, Environment and Urban Systems</i> , 2021, 85, 101569.	7.1	484
28	Modeling the dynamics and walking accessibility of urban open spaces under various policy scenarios. <i>Landscape and Urban Planning</i> , 2021, 207, 103993.	7.5	18
29	Residential proximity to major roadways and cognitive function among Chinese adults 65 years and older. <i>Science of the Total Environment</i> , 2021, 766, 142607.	8.0	23
30	Extracting the Tailings Ponds from High Spatial Resolution Remote Sensing Images by Integrating a Deep Learning-Based Model. <i>Remote Sensing</i> , 2021, 13, 743.	4.0	14
31	Association of regular aerobic exercises and neuromuscular junction variants with incidence of frailty: an analysis of the Chinese Longitudinal Health and Longevity Survey. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 350-357.	7.3	7
32	Delineating urban job-housing patterns at a parcel scale with street view imagery. <i>International Journal of Geographical Information Science</i> , 2021, 35, 1927-1950.	4.8	14
33	The distribution of greenspace quantity and quality and their association with neighbourhood socioeconomic conditions in Guangzhou, China: A new approach using deep learning method and street view images. <i>Sustainable Cities and Society</i> , 2021, 66, 102664.	10.4	53
34	A comparison of two deep-learning-based urban perception models: which one is better?. <i>Computational Urban Science</i> , 2021, 1, 1.	3.2	9
35	Integrated genetic analyses revealed novel human longevity loci and reduced risks of multiple diseases in a cohort study of 15,651 Chinese individuals. <i>Aging Cell</i> , 2021, 20, e13323.	6.7	27
36	Interaction of Sirtuin 1 (SIRT1) candidate longevity gene and particulate matter (PM2.5) on all-cause mortality: a longitudinal cohort study in China. <i>Environmental Health</i> , 2021, 20, 25.	4.0	9

#	ARTICLE	IF	CITATIONS
37	Bridging the digital divide between old and young people in China: challenges and opportunities. The Lancet Healthy Longevity, 2021, 2, e125-e126.	4.6	26
38	Natural outdoor environments and subjective well-being in Guangzhou, China: Comparing different measures of access. Urban Forestry and Urban Greening, 2021, 59, 127027.	5.3	22
39	Mutant Single Nucleotide Polymorphism rs189037 in Ataxia-Telangiectasia Mutated Gene Is Significantly Associated With Ventricular Wall Thickness and Human Lifespan. Frontiers in Cardiovascular Medicine, 2021, 8, 658908.	2.4	13
40	Interaction between APOE ϵ 4 and dietary protein intake on cognitive decline: A longitudinal cohort study. Clinical Nutrition, 2021, 40, 2716-2725.	5.0	17
41	Type of tea consumption and depressive symptoms in ChineseÄolder adults. BMC Geriatrics, 2021, 21, 331.	2.7	34
42	Association of long-term exposure to PM2.5 with blood lipids in the Chinese population: Findings from a longitudinal quasi-experiment. Environment International, 2021, 151, 106454.	10.0	35
43	Sleep duration, vegetable consumption and all-cause mortality among older adults in China: a 6-year prospective study. BMC Geriatrics, 2021, 21, 373.	2.7	9
44	Apolipoprotein E Genotype, Meat, Fish, and Egg Intake in Relation to Mortality Among Older Adults: A Longitudinal Analysis in China. Frontiers in Medicine, 2021, 8, 697389.	2.6	3
45	Heart failure with preserved ejection fraction based on aging and comorbidities. Journal of Translational Medicine, 2021, 19, 291.	4.4	14
46	Tobacco smoking and older people amid the COVID-19 pandemic: an elephant in the room. Age and Ageing, 2021, 50, 1865-1867.	1.6	0
47	A global North-South division line for portraying urban development. IScience, 2021, 24, 102729.	4.1	17
48	Perceived influence of street-level visible greenness exposure in the work and residential environment on life satisfaction: Evidence from Beijing, China. Urban Forestry and Urban Greening, 2021, 62, 127161.	5.3	24
49	Age, Prognostic Nutritional Index, and Charlson Comorbidity Index Were Independent Risk Factors for Postoperative Long-Term Mortality in Chinese Geriatric Patients Who Sustain Hip Fracture. Journal of the American Medical Directors Association, 2021, 22, 2602-2603.	2.5	5
50	Interaction of Sirtuin 1 (SIRT1) longevity gene and particulate matter (PM2.5) on all-cause mortality: a longitudinal cohort study. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
51	Accurate Estimation of the Proportion of Mixed Land Use at the Street-Block Level by Integrating High Spatial Resolution Images and Geospatial Big Data. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 6357-6370.	6.3	30
52	Discovering the homogeneous geographic domain of human perceptions from street view images. Landscape and Urban Planning, 2021, 212, 104125.	7.5	36
53	Analyzing the correlation between visual space and residents' psychology in Wuhan, China using street-view images and deep-learning technique. City and Environment Interactions, 2021, 11, 100069.	4.2	49
54	Leisure Activities, APOE ϵ 4, and Cognitive Decline: A Longitudinal Cohort Study. Frontiers in Aging Neuroscience, 2021, 13, 736201.	3.4	20

#	ARTICLE	IF	CITATIONS
55	Variability in and mixtures among residential vacancies at granular levels: Evidence from municipal water consumption data. <i>Computers, Environment and Urban Systems</i> , 2021, 90, 101702.	7.1	6
56	A spatial-compositional feature fusion convolutional autoencoder for multivariate geochemical anomaly recognition. <i>Computers and Geosciences</i> , 2021, 156, 104890.	4.2	13
57	Long-term PM2.5 exposure and depressive symptoms in China: A quasi-experimental study. <i>The Lancet Regional Health - Western Pacific</i> , 2021, 6, 100079.	2.9	31
58	Centenarian longevity had inverse relationships with nutritional status and abdominal obesity and positive relationships with sex hormones and bone turnover in the oldest females. <i>Journal of Translational Medicine</i> , 2021, 19, 436.	4.4	13
59	Falls prevention in China: time for action. <i>Lancet Public Health</i> , The, 2021, 6, e875-e876.	10.0	5
60	Residential greenness, air pollution and psychological well-being among urban residents in Guangzhou, China. <i>Science of the Total Environment</i> , 2020, 711, 134843.	8.0	93
61	Reliability, Validity, and Factor Structure of Pittsburgh Sleep Quality Index in Community-Based Centenarians. <i>Frontiers in Psychiatry</i> , 2020, 11, 573530.	2.6	57
62	Association between household fuel use and sleep quality in the oldest-old: Evidence from a propensity-score matched case-control study in Hainan, China. <i>Environmental Research</i> , 2020, 191, 110229.	7.5	18
63	Heart rate variability and inflammatory bowel disease in humans. <i>Medicine (United States)</i> , 2020, 99, e23430.	1.0	10
64	Residential Proximity to Major Roadways and Prevalent Hypertension Among Older Women and Men: Results From the Chinese Longitudinal Healthy Longevity Survey. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 587222.	2.4	5
65	Genetic and non-genetic factors associated with the phenotype of exceptional longevity & normal cognition. <i>Scientific Reports</i> , 2020, 10, 19140.	3.3	13
66	Assessment of Geriatric Depression Scale's Applicability in Longevous Persons based on Classical Test and Item Response Theory. <i>Journal of Affective Disorders</i> , 2020, 274, 610-616.	4.1	8
67	Extracellular vesicles in cardiovascular diseases. <i>Cell Death Discovery</i> , 2020, 6, 68.	4.7	79
68	Associations Between Complement Components and Vitamin D and the Physical Activities of Daily Living Among a Longevous Population in Hainan, China. <i>Frontiers in Immunology</i> , 2020, 11, 1543.	4.8	10
69	Underweight in Men had a Closer Relationship with Falls than Women in Centenarians. <i>Journal of Nutrition, Health and Aging</i> , 2020, 24, 987-992.	3.3	3
70	Review of the Application of Big Data and Artificial Intelligence in Geology. <i>Journal of Physics: Conference Series</i> , 2020, 1684, 012007.	0.4	3
71	The Clinical Features and Prognostic Assessment of SARS-CoV-2 Infection-Induced Sepsis Among COVID-19 Patients in Shenzhen, China. <i>Frontiers in Medicine</i> , 2020, 7, 570853.	2.6	6
72	Multiple Measures of Mineral Metabolism Were Associated With Renal Function in Chinese Centenarians: A Cross-Sectional Study. <i>Frontiers in Medicine</i> , 2020, 7, 120.	2.6	6

#	ARTICLE	IF	CITATIONS
73	Serum 25-Hydroxyvitamin D, Albumin, and Mortality Among Chinese Older Adults: A Population-based Longitudinal Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 2762-2770.	3.6	19
74	Centenarian longevity is positively correlated with IgE levels but negatively correlated with C3/C4 levels, abdominal obesity and metabolic syndrome. <i>Cellular and Molecular Immunology</i> , 2020, 17, 1196-1197.	10.5	6
75	Simulating urban land use change by integrating a convolutional neural network with vector-based cellular automata. <i>International Journal of Geographical Information Science</i> , 2020, 34, 1475-1499.	4.8	72
76	Analyzing the Effects of Rainfall on Urban Traffic-Congestion Bottlenecks. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020, 13, 504-512.	4.9	9
77	The longitudinal relationship between exposure to air pollution and depression in older adults. <i>International Journal of Geriatric Psychiatry</i> , 2020, 35, 610-616.	2.7	33
78	Relationship between eye-level greenness and cycling frequency around metro stations in Shenzhen, China: A big data approach. <i>Sustainable Cities and Society</i> , 2020, 59, 102201.	10.4	63
79	Delineating Mixed Urban “Jobs-Housing” Patterns at a Fine Scale by Using High Spatial Resolution Remote-Sensing Imagery. <i>Complexity</i> , 2020, 2020, 1-13.	1.6	6
80	Value of appendicular skeletal muscle mass to total body fat ratio in predicting obesity in elderly people: a 2.2-year longitudinal study. <i>BMC Geriatrics</i> , 2020, 20, 143.	2.7	1
81	Female Fertility Has a Negative Relationship With Longevity in Chinese Oldest-Old Population: A Cross-Sectional Study. <i>Frontiers in Endocrinology</i> , 2020, 11, 616207.	3.5	3
82	Health-Related Quality of Life and Associated Factors Among Oldest-Old in China. <i>Journal of Nutrition, Health and Aging</i> , 2020, 24, 330-338.	3.3	30
83	Inverse association between periumbilical fat and longevity mediated by complement C3 and cardiac structure. <i>Aging</i> , 2020, 12, 23296-23305.	3.1	2
84	Type of Tea Consumption and Mild Cognition Impairment in Older Adults. <i>Innovation in Aging</i> , 2020, 4, 296-296.	0.1	1
85	Type of Cooking Fuel and Mortality Among Oldest-Old in China. <i>Innovation in Aging</i> , 2020, 4, 110-110.	0.1	0
86	Multiple intra-urban land use simulations and driving factors analysis: a case study in Huicheng, China. <i>GIScience and Remote Sensing</i> , 2019, 56, 282-308.	5.9	68
87	Using street view data and machine learning to assess how perception of neighborhood safety influences urban residents’ mental health. <i>Health and Place</i> , 2019, 59, 102186.	3.3	72
88	Functional urban land use recognition integrating multi-source geospatial data and cross-correlations. <i>Computers, Environment and Urban Systems</i> , 2019, 78, 101374.	7.1	77
89	Neighborhood social reciprocity and mental health among older adults in China: the mediating effects of physical activity, social interaction, and volunteering. <i>BMC Public Health</i> , 2019, 19, 1036.	2.9	27
90	A human-machine adversarial scoring framework for urban perception assessment using street-view images. <i>International Journal of Geographical Information Science</i> , 2019, 33, 2363-2384.	4.8	163

#	ARTICLE	IF	CITATIONS
91	Fine-scale intra-city and inter-city commercial store site recommendations using knowledge transfer. <i>Transactions in GIS</i> , 2019, 23, 1029-1047.	2.3	4
92	The linkage between the perception of neighbourhood and physical activity in Guangzhou, China: using street view imagery with deep learning techniques. <i>International Journal of Health Geographics</i> , 2019, 18, 18.	2.5	42
93	Exploring the spatial differentiation of urbanization on two sides of the Hu Huanyong Line -- based on nighttime light data and cellular automata. <i>Applied Geography</i> , 2019, 112, 102081.	3.7	61
94	Perceptions of built environment and health outcomes for older Chinese in Beijing: A big data approach with street view images and deep learning technique. <i>Computers, Environment and Urban Systems</i> , 2019, 78, 101386.	7.1	108
95	Short Chain Fatty Acids and Fecal Microbiota Abundance in Humans with Obesity: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2019, 11, 2512.	4.1	148
96	Geospatial Big Data: New Paradigm of Remote Sensing Applications. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019, 12, 3841-3851.	4.9	35
97	Detecting clusters over intercity transportation networks using K-shortest paths and hierarchical clustering: a case study of mainland China. <i>International Journal of Geographical Information Science</i> , 2019, 33, 1082-1105.	4.8	16
98	Urban greenery and mental wellbeing in adults: Cross-sectional mediation analyses on multiple pathways across different greenery measures. <i>Environmental Research</i> , 2019, 176, 108535.	7.5	149
99	Oestradiol: any role in cardiovascular risk factors in female centenarians of Hainan?. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 115.	1.7	1
100	Hierarchical community detection and functional area identification with OSM roads and complex graph theory. <i>International Journal of Geographical Information Science</i> , 2019, 33, 1569-1587.	4.8	54
101	The relationship between visual enclosure for neighbourhood street walkability and elders' mental health in China: Using street view images. <i>Journal of Transport and Health</i> , 2019, 13, 90-102.	2.2	104
102	Using deep learning to examine street view green and blue spaces and their associations with geriatric depression in Beijing, China. <i>Environment International</i> , 2019, 126, 107-117.	10.0	323
103	Cross-sectional associations between long-term exposure to particulate matter and depression in China: The mediating effects of sunlight, physical activity, and neighborly reciprocity. <i>Journal of Affective Disorders</i> , 2019, 249, 8-14.	4.1	64
104	Analyzing the Effects of Rainfall on the Urban Traffic Congestion Bottlenecks by Using Floating Car Data. , 2019, , .		4
105	Sex, Residence and Fish Intake Predict Vitamin D Status in Chinese Centenarians. <i>Journal of Nutrition, Health and Aging</i> , 2019, 23, 165-171.	3.3	13
106	Cohort Profile: The China Hainan Centenarian Cohort Study (CHCCS). <i>International Journal of Epidemiology</i> , 2018, 47, 694-695h.	1.9	70
107	Mapping fine-scale urban housing prices by fusing remotely sensed imagery and social media data. <i>Transactions in GIS</i> , 2018, 22, 561-581.	2.3	56
108	Estimating the effects of "community opening" policy on alleviating traffic congestion in large Chinese cities by integrating ant colony optimization and complex network analyses. <i>Computers, Environment and Urban Systems</i> , 2018, 70, 163-174.	7.1	29

#	ARTICLE	IF	CITATIONS
109	Associations of immunological factors with metabolic syndrome and its characteristic elements in Chinese centenarians. <i>Journal of Translational Medicine</i> , 2018, 16, 315.	4.4	19
110	Prevalence of functional dependence in Chinese centenarians and its relationship with serum vitamin D status. <i>Clinical Interventions in Aging</i> , 2018, Volume 13, 2045-2053.	2.9	11
111	Temporal and Spatial Analyses of the Landscape Pattern of Wuhan City Based on Remote Sensing Images. <i>ISPRS International Journal of Geo-Information</i> , 2018, 7, 340.	2.9	13
112	The prevalence of depressive symptoms in Chinese longevous persons and its correlation with vitamin D status. <i>BMC Geriatrics</i> , 2018, 18, 198.	2.7	29
113	Prevalence of metabolic syndrome risk factors and their relationships with renal function in Chinese centenarians. <i>Scientific Reports</i> , 2018, 8, 9863.	3.3	5
114	Association between anthropometric measures and cardiovascular disease (CVD) risk factors in Hainan centenarians: investigation based on the Centenarian's health study. <i>BMC Cardiovascular Disorders</i> , 2018, 18, 73.	1.7	6
115	Methylation of the genes ROD1, NLRC5, and HKR1 is associated with aging in Hainan centenarians. <i>BMC Medical Genomics</i> , 2018, 11, 7.	1.5	17
116	A time series of urban extent in China using DSMP/OLS nighttime light data. <i>PLoS ONE</i> , 2018, 13, e0198189.	2.5	13
117	Mining transition rules of cellular automata for simulating urban expansion by using the deep learning techniques. <i>International Journal of Geographical Information Science</i> , 2018, 32, 2076-2097.	4.8	74
118	Delineating urban functional areas with building-level social media data: A dynamic time warping (DTW) distance based k-medoids method. <i>Landscape and Urban Planning</i> , 2017, 160, 48-60.	7.5	179
119	Classifying urban land use by integrating remote sensing and social media data. <i>International Journal of Geographical Information Science</i> , 2017, 31, 1675-1696.	4.8	231
120	Simulating urban land-use changes at a large scale by integrating dynamic land parcel subdivision and vector-based cellular automata. <i>International Journal of Geographical Information Science</i> , 2017, 31, 2452-2479.	4.8	74
121	Sensing spatial distribution of urban land use by integrating points-of-interest and Google Word2Vec model. <i>International Journal of Geographical Information Science</i> , 2017, 31, 825-848.	4.8	306
122	Deriving urban dynamic evolution rules from self-adaptive cellular automata with multi-temporal remote sensing images. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2015, 38, 164-174.	2.8	15
123	Mapping fine-scale population distributions at the building level by integrating multisource geospatial big data. <i>International Journal of Geographical Information Science</i> , 0, , 1-25.	4.8	90
124	Association of Combined Lifestyle and Polygenetic Risk with Incidence of Venous Thromboembolism: A Large Population-Based Cohort Study. <i>Thrombosis and Haemostasis</i> , 0, , .	3.4	6