## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4037963/publications.pdf Version: 2024-02-01

		109137	155451
143	4,359	35	55
papers	citations	h-index	g-index
150	150	150	4700
153	153	153	4703
all docs	docs citations	times ranked	citing authors

DENC IN

#	Article	IF	CITATIONS
1	High Resolution Population Distribution Maps for Southeast Asia in 2010 and 2015. PLoS ONE, 2013, 8, e55882.	1.1	211
2	Improved population mapping for China using remotely sensed and points-of-interest data within a random forests model. Science of the Total Environment, 2019, 658, 936-946.	3.9	166
3	The Tsinghua–Lancet Commission on Healthy Cities in China: unlocking the power of cities for a healthy China. Lancet, The, 2018, 391, 2140-2184.	6.3	155
4	The geography of imported malaria to non-endemic countries: a meta-analysis of nationally reported statistics. Lancet Infectious Diseases, The, 2017, 17, 98-107.	4.6	149
5	Obesity and activity patterns before and during <scp>COVID</scp> â€19 lockdown among youths in China. Clinical Obesity, 2020, 10, e12416.	1.1	132
6	Impact of COVID-19 lockdown on activity patterns and weight status among youths in China: the COVID-19 Impact on Lifestyle Change Survey (COINLICS). International Journal of Obesity, 2021, 45, 695-699.	1.6	124
7	Changes in dietary patterns among youths in China during COVID-19 epidemic: The COVID-19 impact on lifestyle change survey (COINLICS). Appetite, 2021, 158, 105015.	1.8	115
8	Geographic Variation in Prevalence of Adult Obesity in China: Results From the 2013–2014 National Chronic Disease and Risk Factor Surveillance. Annals of Internal Medicine, 2020, 172, 291.	2.0	97
9	High-quality Arabidopsis thaliana Genome Assembly with Nanopore and HiFi Long Reads. Genomics, Proteomics and Bioinformatics, 2022, 20, 4-13.	3.0	80
10	Spatial lifecourse epidemiology. Lancet Planetary Health, The, 2019, 3, e57-e59.	5.1	79
11	Ecological civilization: perspectives from landscape ecology and landscape sustainability science. Landscape Ecology, 2019, 34, 1-8.	1.9	76
12	Impact of obesity on COVID-19 patients. Journal of Diabetes and Its Complications, 2021, 35, 107817.	1.2	75
13	Fastâ€food restaurant, unhealthy eating, and childhood obesity: A systematic review and metaâ€analysis. Obesity Reviews, 2021, 22, e12944.	3.1	73
14	A fine-scale spatial population distribution on the High-resolution Gridded Population Surface and application in Alachua County, Florida. Applied Geography, 2014, 50, 99-107.	1.7	72
15	Car ownership and urban development in Chinese cities: A panel data analysis. Journal of Transport Geography, 2017, 58, 127-134.	2.3	69
16	Mapping the spatial variability of HIV infection in Sub-Saharan Africa: Effective information for localized HIV prevention and control. Scientific Reports, 2017, 7, 9093.	1.6	68
17	Time Trend and Demographic and Geographic Disparities in Childhood Obesity Prevalence in China—Evidence from Twenty Years of Longitudinal Data. International Journal of Environmental Research and Public Health, 2017, 14, 369.	1.2	68
18	Top 10 Research Priorities in Spatial Lifecourse Epidemiology. Environmental Health Perspectives, 2019, 127, 74501.	2.8	66

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19	Spatial Lifecourse Epidemiology Reporting Standards (ISLE-ReSt) statement. Health and Place, 2020, 61, 102243.	1.5	57
20	Association of neighborhood built environments with childhood obesity: Evidence from a 9-year longitudinal, nationally representative survey in the US. Environment International, 2019, 128, 158-164.	4.8	56
21	Population Mapping with Multisensor Remote Sensing Images and Point-Of-Interest Data. Remote Sensing, 2019, 11, 574.	1.8	54
22	Association between access to convenience stores and childhood obesity: A systematic review. Obesity Reviews, 2021, 22, e12908.	3.1	54
23	Human brucellosis occurrences in inner mongolia, China: a spatio-temporal distribution and ecological niche modeling approach. BMC Infectious Diseases, 2015, 15, 36.	1.3	53
24	MSIsensor-pro: Fast, Accurate, and Matched-normal-sample-free Detection of Microsatellite Instability. Genomics, Proteomics and Bioinformatics, 2020, 18, 65-71.	3.0	53
25	Spatial Technologies in Obesity Research: Current Applications and Future Promise. Trends in Endocrinology and Metabolism, 2019, 30, 211-223.	3.1	52
26	Three chromosome-scale Papaver genomes reveal punctuated patchwork evolution of the morphinan and noscapine biosynthesis pathway. Nature Communications, 2021, 12, 6030.	5.8	51
27	Pocket money, eating behaviors, and weight status among Chinese children: The Childhood Obesity Study in China mega-cities. Preventive Medicine, 2017, 100, 208-215.	1.6	49
28	Effects of school neighborhood food environments on childhood obesity at multiple scales: a longitudinal kindergarten cohort study in the USA. BMC Medicine, 2019, 17, 99.	2.3	49
29	Cardiovascular Manifestations and Mechanisms in Patients with COVID-19. Trends in Endocrinology and Metabolism, 2020, 31, 893-904.	3.1	49
30	Cross-sectional association between outdoor artificial light at night and sleep duration in middle-to-older aged adults: The NIH-AARP Diet and Health Study. Environmental Research, 2020, 180, 108823.	3.7	44
31	Influences and transmission mechanisms of financial agglomeration on environmental pollution. Journal of Environmental Management, 2022, 303, 114136.	3.8	44
32	Dasymetric modeling: A hybrid approach using land cover and tax parcel data for mapping population in Alachua County, Florida. Applied Geography, 2016, 66, 100-108.	1.7	42
33	Earth Observation: Investigating Noncommunicable Diseases from Space. Annual Review of Public Health, 2019, 40, 85-104.	7.6	42
34	Green space access in the neighbourhood and childhood obesity. Obesity Reviews, 2021, 22, e13100.	3.1	39
35	A large prospective investigation of outdoor light at night and obesity in the NIH-AARP Diet and Health Study. Environmental Health, 2020, 19, 74.	1.7	38
36	Evaluating and re-demarcating the Hospital Service Areas in Florida. Applied Geography, 2015, 60, 248-253.	1.7	37

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37	Using a Huff-Based Model to Delineate Hospital Service Areas. Professional Geographer, 2017, 69, 522-530.	1.0	37
38	Using remote sensing technology to measure environmental determinants of non-communicable diseases. International Journal of Epidemiology, 2017, 46, 1343-1344.	0.9	36
39	Improvement in food environments may help prevent childhood obesity: Evidence from a 9â€year cohort study. Pediatric Obesity, 2019, 14, e12536.	1.4	36
40	Neighborhood supermarket access and childhood obesity: A systematic review. Obesity Reviews, 2021, 22, e12937.	3.1	36
41	Association between blood circulating vitamin D and colorectal cancer risk in Asian countries: a systematic review and dose-response meta-analysis. BMJ Open, 2019, 9, e030513.	0.8	35
42	Incorporating multiple travel modes into a floating catchment area framework to analyse patterns of accessibility to hierarchical healthcare facilities. Journal of Transport and Health, 2019, 15, 100675.	1.1	35
43	Trafficâ€related environmental factors and childhood obesity: A systematic review and metaâ€analysis. Obesity Reviews, 2021, 22, e12995.	3.1	35
44	Examining and optimizing the BCycle bike-sharing system – A pilot study in Colorado, US. Applied Energy, 2019, 247, 1-12.	5.1	34
45	Street connectivity, physical activity, and childhood obesity: A systematic review and metaâ€∎nalysis. Obesity Reviews, 2021, 22, e12943.	3.1	33
46	Obesogenic environmental factors of adult obesity in China: a nationally representative cross-sectional study. Environmental Research Letters, 2020, 15, 044009.	2.2	32
47	Depressive symptoms in patients with wounds: A crossâ€sectional study. Wound Repair and Regeneration, 2016, 24, 1059-1065.	1.5	31
48	Outdoor light at night and postmenopausal breast cancer risk in the <scp>NIHâ€AARP</scp> diet and health study. International Journal of Cancer, 2020, 147, 2363-2372.	2.3	31
49	Delineating Hierarchical Hospital Service Areas in Florida. Geographical Review, 2017, 107, 608-623.	0.9	29
50	Access to bike lanes and childhood obesity: A systematic review and metaâ€analysis. Obesity Reviews, 2021, 22, e13042.	3.1	29
51	Walkability indices and childhood obesity: A review of epidemiologic evidence. Obesity Reviews, 2021, 22, e13096.	3.1	29
52	The predictive value of anthropometric indices for cardiometabolic risk factors in Chinese children and adolescents: A national multicenter school-based study. PLoS ONE, 2020, 15, e0227954.	1.1	27
53	Association between social capital and mental health among older people living with HIV: the Sichuan Older HIV-Infected Cohort Study (SOHICS). BMC Public Health, 2020, 20, 581.	1.2	27
54	Impacts of lockdown on dietary patterns among youths in China: the COVID-19 Impact on Lifestyle Change Survey. Public Health Nutrition, 2021, 24, 3221-3232.	1.1	27

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55	Spatial Lifecourse Epidemiology and Infectious Disease Research. Trends in Parasitology, 2020, 36, 235-238.	1.5	26
56	A changed research landscape of youth's obesogenic behaviours and environments in the post OVIDâ€19 era. Obesity Reviews, 2021, 22, e13162.	3.1	26
57	Differential effects of distance decay on hospital inpatient visits among subpopulations in Florida, USA. Environmental Monitoring and Assessment, 2019, 191, 381.	1.3	24
58	A comparative, correlate analysis and projection of global and regional life expectancy, healthy life expectancy, and their GAP: 1995-2025. Journal of Global Health, 2020, 10, 020407.	1.2	24
59	Obesogenic environment and childhood obesity. Obesity Reviews, 2021, 22, e13158.	3.1	24
60	Catecholamines in Alzheimer's Disease: A Systematic Review and Meta-Analysis. Frontiers in Aging Neuroscience, 2020, 12, 184.	1.7	22
61	Grocery store access and childhood obesity: A systematic review and metaâ€analysis. Obesity Reviews, 2021, 22, e12945.	3.1	22
62	Real-Time Forecasting of Hand-Foot-and-Mouth Disease Outbreaks using the Integrating Compartment Model and Assimilation Filtering. Scientific Reports, 2019, 9, 2661.	1.6	21
63	An extended Weight Kernel Density Estimation model forecasts COVID-19 onset risk and identifies spatiotemporal variations of lockdown effects in China. Communications Biology, 2021, 4, 126.	2.0	21
64	Mapping the environmental and socioeconomic coverage of the INDEPTH international health and demographic surveillance system network. Health and Place, 2015, 36, 88-96.	1.5	20
65	China needs a national intelligent syndromic surveillance system. Nature Medicine, 2020, 26, 990-990.	15.2	20
66	New Approaches to Anticipate the Risk of Reverse Zoonosis. Trends in Ecology and Evolution, 2021, 36, 580-590.	4.2	20
67	Developing a flow-based spatial algorithm to delineate hospital service areas. Applied Geography, 2016, 75, 137-143.	1.7	19
68	Modification Effects of Population Expansion, Ageing, and Adaptation on Heat-Related Mortality Risks Under Different Climate Change Scenarios in Guangzhou, China. International Journal of Environmental Research and Public Health, 2019, 16, 376.	1.2	19
69	Access to public transport and childhood obesity: A systematic review. Obesity Reviews, 2021, 22, e12987.	3.1	19
70	Quantifying the effects of using detailed spatial demographic data on health metrics: a systematic analysis for the AfriPop, AsiaPop, and AmeriPop projects. Lancet, The, 2013, 381, S142.	6.3	18
71	Bilateral associations between sleep duration and depressive symptoms among Chinese adolescents before and during the COVID-19 pandemic. Sleep Medicine, 2021, 84, 289-293.	0.8	18
72	Access to fruit and vegetable markets and childhood obesity: A systematic review. Obesity Reviews, 2021, 22, e12980.	3.1	17

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73	Land use mix in the neighbourhood and childhood obesity. Obesity Reviews, 2021, 22, e13098.	3.1	17
74	Estimating Fine-Scale Heat Vulnerability in Beijing Through Two Approaches: Spatial Patterns, Similarities, and Divergence. Remote Sensing, 2019, 11, 2358.	1.8	16
75	Mapping China's regional economic activity by integrating points-of-interest and remote sensing data with random forest. Environment and Planning B: Urban Analytics and City Science, 2021, 48, 1876-1894.	1.0	16
76	Local Population Mapping Using a Random Forest Model Based on Remote and Social Sensing Data: A Case Study in Zhengzhou, China. Remote Sensing, 2020, 12, 1618.	1.8	16
77	Addressing Biodisaster X Threats With Artificial Intelligence and 6G Technologies: Literature Review and Critical Insights. Journal of Medical Internet Research, 2021, 23, e26109.	2.1	16
78	A Remote Sensing Data Based Artificial Neural Network Approach for Predicting Climate-Sensitive Infectious Disease Outbreaks: A Case Study of Human Brucellosis. Remote Sensing, 2017, 9, 1018.	1.8	15
79	Integrating Kindergartener-Specific Questionnaires With Citizen Science to Improve Child Health. Frontiers in Public Health, 2018, 6, 236.	1.3	15
80	Teaming up census and patient data to delineate fine-scale hospital service areas and identify geographic disparities in hospital accessibility. Environmental Monitoring and Assessment, 2019, 191, 303.	1.3	15
81	Spatial and Temporal Changes in Prevalence of Obesity Among Chinese Children and Adolescents, 1985–2005. Preventing Chronic Disease, 2019, 16, E160.	1.7	15
82	Prevalence and determinants of virological failure, genetic diversity and drug resistance among people living with HIV in a minority area in China: a population-based study. BMC Infectious Diseases, 2020, 20, 443.	1.3	15
83	Time to spatialise epidemiology in China. The Lancet Global Health, 2020, 8, e764-e765.	2.9	15
84	Ecological Niche Modeling of Risk Factors for H7N9 Human Infection in China. International Journal of Environmental Research and Public Health, 2016, 13, 600.	1.2	14
85	Mapping Fine-Scale Urban Spatial Population Distribution Based on High-Resolution Stereo Pair Images, Points of Interest, and Land Cover Data. Remote Sensing, 2020, 12, 608.	1.8	14
86	Neighbourhood residential density and childhood obesity. Obesity Reviews, 2021, 22, e13037.	3.1	14
87	Associations between taste preferences and chronic diseases: a population-based exploratory study in China. Public Health Nutrition, 2021, 24, 1-12.	1.1	13
88	Neighborhood sidewalk access and childhood obesity. Obesity Reviews, 2021, 22, e13057.	3.1	13
89	Detecting Lung Cancer Trends by Leveraging Real-World and Internet-Based Data: Infodemiology Study. Journal of Medical Internet Research, 2020, 22, e16184.	2.1	13
90	Cohort Profile: Chengdu Positive Child Development (CPCD) survey. International Journal of Epidemiology, 2022, 51, e95-e107.	0.9	13

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91	Understanding the Epidemic Course in Order to Improve Epidemic Forecasting. GeoHealth, 2020, 4, e2020GH000303.	1.9	12
92	Upper Gastrointestinal Cancer in China: Spatial Epidemiologic Evidence from Screening Areas. Cancer Prevention Research, 2020, 13, 935-946.	0.7	12
93	Urban sprawl and childhood obesity. Obesity Reviews, 2021, 22, e13091.	3.1	12
94	Early warning of epidemics: towards a national intelligent syndromic surveillance system (NISSS) in China. BMJ Global Health, 2020, 5, e002925.	2.0	12
95	Disparities in Patterns of Health Care Travel Among Inpatients Diagnosed With Congestive Heart Failure, Florida, 2011. Preventing Chronic Disease, 2015, 12, E150.	1.7	11
96	Opportunities and challenges of using big data for global health. Science Bulletin, 2019, 64, 1652-1654.	4.3	11
97	Association between Psychological Factors and Condom Use with Regular and Nonregular Male Sexual Partners among Chinese MSM: A Quantitative Study Based on the Health Belief Model. BioMed Research International, 2020, 2020, 1-10.	0.9	11
98	An Optimal Population Modeling Approach Using Geographically Weighted Regression Based on High-Resolution Remote Sensing Data: A Case Study in Dhaka City, Bangladesh. Remote Sensing, 2020, 12, 1184.	1.8	11
99	Natural environment and childhood obesity: A systematic review. Obesity Reviews, 2021, 22, e13097.	3.1	11
100	COVID-19 Lockdown and Social Capital Changes Among Youths in China. International Journal of Health Policy and Management, 2021, , .	0.5	11
101	The epidemiology, pathophysiological mechanisms, and management toward COVID-19 patients with Type 2 diabetes: A systematic review. Primary Care Diabetes, 2021, 15, 899-909.	0.9	11
102	Global Gender Disparities in Premature Death from Cardiovascular Disease, and Their Associations with Country Capacity for Noncommunicable Disease Prevention and Control. International Journal of Environmental Research and Public Health, 2021, 18, 10389.	1.2	11
103	Haplotype-resolved Chinese male genome assembly based on high-fidelity sequencing. Fundamental Research, 2022, 2, 946-953.	1.6	11
104	Geographic Variation and Associated Covariates of Diabetes Prevalence in India. JAMA Network Open, 2020, 3, e203865.	2.8	10
105	Stateâ€ofâ€theâ€art of measures of the obesogenic environment for children. Obesity Reviews, 2021, 22, e13093.	3.1	10
106	The Modified Normalized Urban Area Composite Index: A Satelliate-Derived High-Resolution Index for Extracting Urban Areas. Remote Sensing, 2021, 13, 2350.	1.8	10
107	Changes in patterns of take-away food ordering among youths before and after COVID-19 lockdown in China: the COVID-19 Impact on Lifestyle Change Survey (COINLICS). European Journal of Nutrition, 2022, 61, 1121-1131.	1.8	10
108	Towards precision management of cardiovascular patients with COVID-19 to reduce mortality. Progress in Cardiovascular Diseases, 2020, 63, 529-530.	1.6	9

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109	Association between access to fullâ€service restaurants and childhood obesity. Obesity Reviews, 2021, 22, e13076.	3.1	9
110	High-Resolution Spatial Distribution and Estimation of Access to Improved Sanitation in Kenya. PLoS ONE, 2016, 11, e0158490.	1.1	8
111	Opioid tapering in patients with prescription opioid use disorder: A retrospective study. Scandinavian Journal of Pain, 2017, 17, 167-173.	0.5	8
112	MEpurity: estimating tumor purity using DNA methylation data. Bioinformatics, 2019, 35, 5298-5300.	1.8	8
113	Biosafety threats of the rapidly established labs for SARS-CoV-2 tests in China. Environment International, 2020, 143, 105964.	4.8	8
114	Genetic transmission networks of HIV-1 CRF07_BC strain among HIV-1 infections with virologic failure of ART in a minority area of China: a population-based study. BMC Infectious Diseases, 2020, 20, 631.	1.3	8
115	Relationship between social capital and heroin use behaviors among patients in methadone maintenance treatment in Sichuan Province, China. Medicine (United States), 2020, 99, e19963.	0.4	8
116	Worsening of tree-related public health issues under climate change. Nature Plants, 2020, 6, 48-48.	4.7	8
117	Monetary diet cost is positively associated with diet quality and obesity: an analysis of school-aged children in Southwest China. Journal of Public Health, 2019, 41, 250-258.	1.0	8
118	Evaluating the effectiveness of the Hospital Referral Region (HRR) boundaries: a pilot study in Florida. Annals of GIS, 2020, 26, 251-260.	1.4	7
119	Association between neighborhood aesthetics and childhood obesity. Obesity Reviews, 2021, 22, e13079.	3.1	7
120	Global health efforts and opportunities related to the Belt and Road Initiative. The Lancet Global Health, 2019, 7, e703-e705.	2.9	6
121	Risk of Accidents or Chronic Disorders From Improper Use of Mobile Phones: A Systematic Review and Meta-analysis. Journal of Medical Internet Research, 2022, 24, e21313.	2.1	6
122	Social Capital in Old People Living with HIV Is Associated with Quality of Life: A Cross-Sectional Study in China. BioMed Research International, 2020, 2020, 1-13.	0.9	6
123	Impacts of COVID-19 Lockdown on Food Ordering Patterns among Youths in China: The COVID-19 Impact on Lifestyle Change Survey. Obesity Facts, 2022, 15, 135-149.	1.6	6
124	Spatiotemporal epidemiology of COVID-19 from an epidemic course perspective. Geospatial Health, 2022, 17, .	0.3	6
125	Association between perceived access to public transport stops and physical activity among adults in Nanjing, Mainland China: A cross-sectional study. Journal of Transport and Health, 2019, 13, 12-18.	1.1	5
126	Neighbourhood speed limit and childhood obesity. Obesity Reviews, 2021, 22, e13052.	3.1	5

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127	Cross-disciplinary approaches to assist with nucleic acid testing for SARS-CoV-2. Applied Microbiology and Biotechnology, 2021, 105, 6291-6299.	1.7	5
128	Transportation, germs, culture: a dynamic graph model of COVIDâ€19 outbreak. Quantitative Biology, 2020, 8, 238-244.	0.3	4
129	Geographic clustering and region-specific determinants of obesity in the Netherlands. Geospatial Health, 2020, 15, .	0.3	4
130	The changing modes of human immunodeficiency virus transmission and spatial variations among women in a minority prefecture in southwest China. Medicine (United States), 2020, 99, e18776.	0.4	4
131	Telemedicine: A promising approach for diabetes management - Where is the evidence. Journal of Diabetes and Its Complications, 2021, 35, 107802.	1.2	4
132	Exploring Fuzzy Local Spatial Information Algorithms for Remote Sensing Image Classification. Remote Sensing, 2021, 13, 4163.	1.8	4
133	Recognition and extraction of the ancient sites covered by thick vegetation in Hainan Province of China. , 2010, , .		3
134	Residential density was negatively associated with excess body weight among adults in an urban region of China. PLoS ONE, 2019, 14, e0219314.	1.1	3
135	Preferential Tax Policies: An Invisible Hand behind Preparedness for Public Health Emergencies. International Journal of Health Policy and Management, 2020, , .	0.5	3
136	Leveraging Internet Search Data to Improve the Prediction and Prevention of Noncommunicable Diseases: Retrospective Observational Study. Journal of Medical Internet Research, 2020, 22, e18998.	2.1	3
137	Analysis of the ancient river system in Loulan period in Lop Nur region. Proceedings of SPIE, 2010, , .	0.8	2
138	Socioeconomic position and the health gradient in Cuba: dimensions and mechanisms. BMC Public Health, 2020, 20, 866.	1.2	2
139	Urban and Rural Population and Development Research on Medical Coordination: In View of Dalian 2008–2017 Official Statistics. International Journal of Environmental Research and Public Health, 2021, 18, 6395.	1.2	2
140	Multidimensional Spatial Match of Hierarchical Healthcare Facilities Considering Floating Population: A Case of Beijing, China. Sustainability, 2022, 14, 1092.	1.6	2
141	Detection of underground remains by remote sensing and geophysics. , 2010, , .		1
142	Inequalities of Nuclear Risk Communication Within and Beyond the Evacuation Planning Zone. Applied Spatial Analysis and Policy, 2019, 12, 587-604.	1.0	1
143	Explaining the longevity characteristics in China from a geographical perspective: A multi-scale geographically weighted regression analysis. Geospatial Health, 2021, 16, .	0.3	1