Neng Wan

List of Publications by Year
in descending order

49 papers	1,402 citations	331670 21 h-index	345221 36 g-index
50 all docs	50 docs citations	50 times ranked	1911 citing authors

#	Article	IF	Citations
1	A three-step floating catchment area method for analyzing spatial access to health services. International Journal of Geographical Information Science, 2012, 26, 1073-1089.	4.8	293
2	A relative spatial access assessment approach for analyzing potential spatial access to colorectal cancer services in Texas. Applied Geography, 2012, 32, 291-299.	3.7	134
3	Land Use Regression Modeling of PM2.5 Concentrations at Optimized Spatial Scales. Atmosphere, 2017, 8, 1.	2.3	104
4	Performance comparison of LUR and OK in PM2.5 concentration mapping: a multidimensional perspective. Scientific Reports, 2015, 5, 8698.	3.3	69
5	Spatial Cluster Detection of Air Pollution Exposure Inequities across the United States. PLoS ONE, 2014, 9, e91917.	2.5	56
6	Access to healthcare and disparities in colorectal cancer survival in Texas. Health and Place, 2012, 18, 321-329.	3.3	53
7	Spatial modeling of PM2.5 concentrations with a multifactoral radial basis function neural network. Environmental Science and Pollution Research, 2015, 22, 10395-10404.	5.3	52
8	Ruralâ€“Urban Disparities in Obesity Prevalence Among Working Age Adults in the United States: Exploring the Mechanisms. American Journal of Health Promotion, 2018, 32, 400-408.	1.7	48
9	Spatial Access to Health Care Services and Disparities in Colorectal Cancer Stage at Diagnosis in Texas. Professional Geographer, 2013, 65, 527-541.	1.8	42
10	A multi-modal relative spatial access assessment approach to measure spatial accessibility to primary care providers. International Journal of Health Geographics, 2018, 17, 33.	2.5	40
11	Life-space characterization from cellular telephone collected GPS data. Computers, Environment and Urban Systems, 2013, 39, 63-70.	7.1	31
12	An optimized spatial proximity model for fine particulate matter air pollution exposure assessment in areas of sparse monitoring. International Journal of Geographical Information Science, 2016, 30, 727-747.	4.8	30
13	Classifying Human Activity Patterns from Smartphone Collected GPS data: A Fuzzy Classification and Aggregation Approach. Transactions in GIS, 2016, 20, 869-886.	2.3	28
14	Parkinson's Disease and Pesticides Exposure: New Findings From a Comprehensive Study in Nebraska, USA. Journal of Rural Health, 2016, 32, 303-313.	2.9	26
15	Built environment and active commuting: Rural-urban differences in the U.S. SSM - Population Health, 2017, 3, 435-441.	2.7	25
16	Modeling job accessibility using online map data: An extended two-step floating catchment area method with multiple travel modes. Journal of Transport Geography, 2021, 93, 103065.	5.0	25
17	Point-of-Sale Cigarette Marketing, Urge to Buy Cigarettes, and Impulse Purchases of Cigarettes: Results From a Population-Based Survey. Nicotine and Tobacco Research, 2016, 18, 1357-1362.	2.6	24
18	Assessing Smart Phones for Generating Life-Space Indicators. Environment and Planning B: Planning and Design, 2013, 40, 350-361.	1.7	22

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19	Sulfur dioxide exposure and environmental justice: a multiâ€“scale and sourceâ€“specific perspective. Atmospheric Pollution Research, 2014, 5, 491-499.	3.8	22
20	Healthier routes planning: A new method and online implementation for minimizing air pollution exposure risk. Computers, Environment and Urban Systems, 2020, 80, 101456.	7.1	22
21	Socioeconomic Disparities in Prostate Cancer Mortality and the Impact of Geographic Scale. Southern Medical Journal, 2011, 104, 553-559.	0.7	22
22	Pesticides exposure modeling based on GIS and remote sensing land use data. Applied Geography, 2015, 56, 99-106.	3.7	20
23	The association of point-of-sale cigarette marketing with cravings to smoke: results from a cross-sectional population-based study. Tobacco Control, 2016, 25, 402-405.	3.2	19
24	A subâ€pixel location method for interest points by means of the Harris interest strength. Photogrammetric Record, 2007, 22, 321-335.	0.4	17
25	Barriers and Facilitators of Colorectal Cancer Screening for Patients of Rural Accountable Care Organization Clinics: A Multilevel Analysis. Journal of Rural Health, 2018, 34, 202-212.	2.9	17
26	A Filtering Strategy for Interest Point Detecting to Improve Repeatability and Information Content. Photogrammetric Engineering and Remote Sensing, 2007, 73, 547-553.	0.6	14
27	Spatial pattern evolution and casual analysis of county level economy in Changsha-Zhuzhou-Xiangtan urban agglomeration, China. Chinese Geographical Science, 2014, 24, 620-630.	3.0	14
28	Addressing location uncertainties in GPSâ€based activity monitoring: A methodological framework. Transactions in GIS, 2017, 21, 764-781.	2.3	13
29	Why do we need a national address point database to improve wildfire public safety in the U.S.?. International Journal of Disaster Risk Reduction, 2019, 39, 101237.	3.9	11
30	A spatially weighted degree model for network vulnerability analysis. Geo-Spatial Information Science, 2011, 14, 274-281.	5.3	10
31	Neighbourhood exposure to point-of-sale price promotions for cigarettes is associated with financial stress among smokers: results from a population-based study. Tobacco Control, 2017, 26, 703-708.	3.2	10
32	The mobile assistance for regulating smoking (MARS) micro-randomized trial design protocol. Contemporary Clinical Trials, 2021, 110, 106513.	1.8	10
33	SmokingOpp. , 2020, 4, 1-26.		8
34	High spatiotemporal resolution mapping of PM2.5 concentrations under a pollution scene assumption. Journal of Cleaner Production, 2021, 326, 129409.	9.3	8
35	Point-of-Sale E-cigarette Advertising Among Tobacco Stores. Journal of Community Health, 2017, 42, 1179-1186.	3.8	7
36	The Validity of MotionSense HRV in Estimating Sedentary Behavior and Physical Activity under Free-Living and Simulated Activity Settings. Sensors, 2021, 21, 1411.	3.8	7

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37	Use of the spatial access ratio to measure geospatial access to emergency general surgery services in California. Journal of Trauma and Acute Care Surgery, 2021, 90, 853-860.	2.1	7
38	Spatial Distribution of Hateful Tweets Against Asians and Asian Americans During the COVID-19 Pandemic, November 2019 to May 2020. American Journal of Public Health, 2022, 112, 646-649.	2.7	7
39	Breast Cancer Screening for Patients of Rural Accountable Care Organization Clinics: A Multi-Level Analysis of Barriers and Facilitators. Journal of Community Health, 2018, 43, 248-258.	3.8	6
40	Physical Activity Barriers and Facilitators Among US Pacific Islanders and the Feasibility of Using Mobile Technologies for Intervention: A Focus Group Study With Tongan Americans. Journal of Physical Activity and Health, 2018, 15, 287-294.	2.0	5
41	The Association of Point-of-Sale E-cigarette Advertising with Socio-Demographic Characteristics of Neighborhoods. Journal of Primary Prevention, 2018, 39, 191-203.	1.6	5
42	Using GIS to Understand the Influence of Hurricane Harvey on Spatial Access to Primary Care. Risk Analysis, 2022, 42, 896-911.	2.7	5
43	Outlier detection of air temperature series data using probabilistic finite state automataâ€based algorithm. Complexity, 2012, 17, 48-57.	1.6	4
44	Incorporation of Information-Seeking Behavior Into Food Insecurity Research. American Journal of Preventive Medicine, 2020, 58, 879-887.	3.0	4
45	Measuring spatial access to emergency general surgery services: does the method matter?. Health Services and Outcomes Research Methodology, 2022, 22, 79-95.	1.8	4
46	Colorectal cancer disparities among racial/ethnic minorities in Texas, 1995â€“2003. Annals of GIS, 2017, 23, 93-101.	3.1	1
47	Type 1 Diabetes incidence among youth in Utah: A geographical analysis. Social Science and Medicine, 2021, 278, 113952.	3.8	1
48	Algorithm for daytime radiation fog detection based on MODIS/TERRA data over land. Journal of Applied Remote Sensing, 2012, 6, 063589.	1.3	0
49	Evidence for Transgenerational Effects on Autism Spectrum Disorder Using Multigenerational Space-time Cluster Detection. ISEE Conference Abstracts, 2021, 2021, .	0.0	0