

# Jinfeng Wang

## List of Publications by Citations

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196  
papers

5,782  
citations

38  
h-index

69  
g-index

210  
ext. papers

7,384  
ext. citations

4.7  
avg, IF

6.17  
L-index

#	Paper	IF	Citations
196	Geographical Detectors-Based Health Risk Assessment and its Application in the Neural Tube Defects Study of the Heshun Region, China. <i>International Journal of Geographical Information Science</i> , <b>2010</b> , 24, 107-127	4.1	758
195	A measure of spatial stratified heterogeneity. <i>Ecological Indicators</i> , <b>2016</b> , 67, 250-256	5.8	554
194	A review of spatial sampling. <i>Spatial Statistics</i> , <b>2012</b> , 2, 1-14	2.2	191
193	Environmental health risk detection with GeogDetector. <i>Environmental Modelling and Software</i> , <b>2012</b> , 33, 114-115	5.2	185
192	Air temperature retrieval from remote sensing data based on thermodynamics. <i>Theoretical and Applied Climatology</i> , <b>2005</b> , 80, 37-48	3	114
191	High prevalence of NTDs in Shanxi Province: a combined epidemiological approach. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , <b>2007</b> , 79, 702-7		97
190	Sample surveying to estimate the mean of a heterogeneous surface: reducing the error variance through zoning. <i>International Journal of Geographical Information Science</i> , <b>2010</b> , 24, 523-543	4.1	92
189	Determinants of the incidence of hand, foot and mouth disease in China using geographically weighted regression models. <i>PLoS ONE</i> , <b>2012</b> , 7, e38978	3.7	85
188	Optimal discretization for geographical detectors-based risk assessment. <i>GIScience and Remote Sensing</i> , <b>2013</b> , 50, 78-92	4.8	81
187	Investigation of residual fluoroquinolones in a soil-vegetable system in an intensive vegetable cultivation area in Northern China. <i>Science of the Total Environment</i> , <b>2014</b> , 468-469, 258-64	10.2	80
186	Geographical detector-based risk assessment of the under-five mortality in the 2008 Wenchuan earthquake, China. <i>PLoS ONE</i> , <b>2011</b> , 6, e21427	3.7	78
185	Assessment of catastrophic risk using Bayesian network constructed from domain knowledge and spatial data. <i>Risk Analysis</i> , <b>2010</b> , 30, 1157-75	3.9	77
184	Spatial association between dissection density and environmental factors over the entire conterminous United States. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 692-700	4.9	77
183	Spatial Data Analysis. <i>SpringerBriefs in Regional Science</i> , <b>2011</b> ,	0.3	75
182	Identification of health risks of hand, foot and mouth disease in China using the geographical detector technique. <i>International Journal of Environmental Research and Public Health</i> , <b>2014</b> , 11, 3407-23 <sup>4.6</sup>		74
181	Influence of planting patterns on fluoroquinolone residues in the soil of an intensive vegetable cultivation area in northern China. <i>Science of the Total Environment</i> , <b>2013</b> , 458-460, 63-9	10.2	73
180	The association between consecutive days' heat wave and cardiovascular disease mortality in Beijing, China. <i>BMC Public Health</i> , <b>2017</b> , 17, 223	4.1	72

179	Estimation of citywide air pollution in Beijing. <i>PLoS ONE</i> , <b>2013</b> , 8, e53400	3.7	70
178	An optimal parameters-based geographical detector model enhances geographic characteristics of explanatory variables for spatial heterogeneity analysis: cases with different types of spatial data. <i>GIScience and Remote Sensing</i> , <b>2020</b> , 57, 593-610	4.8	68
177	Driving forces and their interactions of built-up land expansion based on the geographical detector: a case study of Beijing, China. <i>International Journal of Geographical Information Science</i> , <b>2016</b> , 30, 2188-2207	4.1	68
176	Modeling Spatial Means of Surfaces With Stratified Nonhomogeneity. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2009</b> , 47, 4167-4174	8.1	66
175	Population exposure to PM2.5 in the urban area of Beijing. <i>PLoS ONE</i> , <b>2013</b> , 8, e63486	3.7	63
174	Predicting malaria vector distribution under climate change scenarios in China: Challenges for malaria elimination. <i>Scientific Reports</i> , <b>2016</b> , 6, 20604	4.9	58
173	Exploratory spatial data analysis for the identification of risk factors to birth defects. <i>BMC Public Health</i> , <b>2004</b> , 4, 23	4.1	53
172	Multiple mechanisms underlie rapid expansion of an invasive alien plant. <i>New Phytologist</i> , <b>2011</b> , 191, 828-839	9.8	52
171	Mapping the increased minimum mortality temperatures in the context of global climate change. <i>Nature Communications</i> , <b>2019</b> , 10, 4640	17.4	50
170	Understanding the spatial diffusion process of severe acute respiratory syndrome in Beijing. <i>Public Health</i> , <b>2005</b> , 119, 1080-7	4	50
169	Estimation of daily PM concentration and its relationship with meteorological conditions in Beijing. <i>Journal of Environmental Sciences</i> , <b>2016</b> , 48, 161-168	6.4	48
168	The lag effects and vulnerabilities of temperature effects on cardiovascular disease mortality in a subtropical climate zone in China. <i>International Journal of Environmental Research and Public Health</i> , <b>2014</b> , 11, 3982-94	4.6	48
167	Spatiotemporal analysis of indigenous and imported dengue fever cases in Guangdong province, China. <i>BMC Infectious Diseases</i> , <b>2012</b> , 12, 132	4	48
166	Distribution of <i>Aedes albopictus</i> (Diptera: Culicidae) in northwestern China. <i>Vector-Borne and Zoonotic Diseases</i> , <b>2011</b> , 11, 1181-6	2.4	48
165	Spatial estimation of antibiotic residues in surface soils in a typical intensive vegetable cultivation area in China. <i>Science of the Total Environment</i> , <b>2012</b> , 430, 126-31	10.2	45
164	Spatial and temporal characteristics of particulate matter in Beijing, China using the Empirical Mode Decomposition method. <i>Science of the Total Environment</i> , <b>2013</b> , 458-460, 70-80	10.2	45
163	Spatial dynamics of an epidemic of severe acute respiratory syndrome in an urban area. <i>Bulletin of the World Health Organization</i> , <b>2006</b> , 84, 965-8	8.2	45
162	A new estimate of the China temperature anomaly series and uncertainty assessment in 1900-2006. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2014</b> , 119, 1-9	4.4	43

161	Design-based spatial sampling: Theory and implementation. <i>Environmental Modelling and Software</i> , <b>2013</b> , 40, 280-288	5.2	41
160	An information-fusion method to identify pattern of spatial heterogeneity for improving the accuracy of estimation. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2008</b> , 22, 689-704	3.5	41
159	Comparisons of Time Series of Annual Mean Surface Air Temperature for China since the 1900s: Observations, Model Simulations, and Extended Reanalysis. <i>Bulletin of the American Meteorological Society</i> , <b>2017</b> , 98, 699-711	6.1	40
158	A new integrated and homogenized global monthly land surface air temperature dataset for the period since 1900. <i>Climate Dynamics</i> , <b>2018</b> , 50, 2513-2536	4.2	35
157	Hybrid optimal design of the eco-hydrological wireless sensor network in the middle reach of the Heihe River Basin, China. <i>Sensors</i> , <b>2014</b> , 14, 19095-114	3.8	34
156	Maternal exposure to ambient PM during pregnancy increases the risk of congenital heart defects: Evidence from machine learning models. <i>Science of the Total Environment</i> , <b>2018</b> , 630, 1-10	10.2	33
155	Optimal Water Resource Allocation in Arid and Semi-Arid Areas. <i>Water Resources Management</i> , <b>2008</b> , 22, 239-258	3.7	33
154	A method for extracting rules from spatial data based on rough fuzzy sets. <i>Knowledge-Based Systems</i> , <b>2014</b> , 57, 28-40	7.3	32
153	Spatial analysis of neural tube defects in a rural coal mining area. <i>International Journal of Environmental Health Research</i> , <b>2010</b> , 20, 439-50	3.6	32
152	Sandwich Estimation for Multi-Unit Reporting on a Stratified Heterogeneous Surface. <i>Environment and Planning A</i> , <b>2013</b> , 45, 2515-2534	2.7	31
151	Spatial heterogeneity of the driving forces of cropland change in China. <i>Science in China Series D: Earth Sciences</i> , <b>2005</b> , 48, 2231-2240		31
150	Interpolation of Missing Temperature Data at Meteorological Stations Using P-BSHADE*. <i>Journal of Climate</i> , <b>2013</b> , 26, 7452-7463	4.4	30
149	A spatial sampling optimization package using MSN theory. <i>Environmental Modelling and Software</i> , <b>2011</b> , 26, 546-548	5.2	30
148	Exploring spatiotemporal nonstationary effects of climate factors on hand, foot, and mouth disease using Bayesian Spatiotemporally Varying Coefficients (STVC) model in Sichuan, China. <i>Science of the Total Environment</i> , <b>2019</b> , 648, 550-560	10.2	29
147	Risk assessment of human neural tube defects using a Bayesian belief network. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2010</b> , 24, 93-100	3.5	29
146	Area disease estimation based on sentinel hospital records. <i>PLoS ONE</i> , <b>2011</b> , 6, e23428	3.7	28
145	Using rough set theory to identify villages affected by birth defects: the example of Heshun, Shanxi, China. <i>International Journal of Geographical Information Science</i> , <b>2010</b> , 24, 559-576	4.1	28
144	Spatiotemporal infectious disease modeling: a BME-SIR approach. <i>PLoS ONE</i> , <b>2013</b> , 8, e72168	3.7	27

143	Analysis of the geographic distribution of HFIRS in Liaoning Province between 2000 and 2005. <i>BMC Public Health</i> , <b>2007</b> , 7, 207	4.1	27
142	Monitoring hand, foot and mouth disease by combining search engine query data and meteorological factors. <i>Science of the Total Environment</i> , <b>2018</b> , 612, 1293-1299	10.2	26
141	Evaluation of Sampling Methods for Validation of Remotely Sensed Fractional Vegetation Cover. <i>Remote Sensing</i> , <b>2015</b> , 7, 16164-16182	5	26
140	Spatial-temporal pattern and risk factor analysis of bacillary dysentery in the Beijing-Tianjin-Tangshan urban region of China. <i>BMC Public Health</i> , <b>2014</b> , 14, 998	4.1	26
139	Assessing local determinants of neural tube defects in the Heshun Region, Shanxi Province, China. <i>BMC Public Health</i> , <b>2010</b> , 10, 52	4.1	26
138	Understanding the inconsistent relationships between socioeconomic factors and poverty incidence across contiguous poverty-stricken regions in China: Multilevel modelling. <i>Spatial Statistics</i> , <b>2017</b> , 21, 406-420	2.2	25
137	Integration of GP and GA for mapping population distribution. <i>International Journal of Geographical Information Science</i> , <b>2010</b> , 24, 47-67	4.1	25
136	Modelling and prediction of global non-communicable diseases. <i>BMC Public Health</i> , <b>2020</b> , 20, 822	4.1	24
135	A spatial scan statistic for multiple clusters. <i>Mathematical Biosciences</i> , <b>2011</b> , 233, 135-42	3.9	24
134	Super-resolution reconstruction of remote sensing images using multifractal analysis. <i>Sensors</i> , <b>2009</b> , 9, 8669-83	3.8	24
133	Spatial distribution estimation of malaria in northern China and its scenarios in 2020, 2030, 2040 and 2050. <i>Malaria Journal</i> , <b>2016</b> , 15, 345	3.6	24
132	Spatial-temporal detection of risk factors for bacillary dysentery in Beijing, Tianjin and Hebei, China. <i>BMC Public Health</i> , <b>2017</b> , 17, 743	4.1	23
131	Cities evolution tree and applications to predicting urban growth. <i>Population and Environment</i> , <b>2012</b> , 33, 186-201	4	23
130	Geographically weighted regression-based determinants of malaria incidences in northern China. <i>Transactions in GIS</i> , <b>2017</b> , 21, 934-953	2.1	22
129	Spatio-temporal analysis of malaria vectors in national malaria surveillance sites in China. <i>Parasites and Vectors</i> , <b>2015</b> , 8, 146	4	22
128	A spatiotemporal mixed model to assess the influence of environmental and socioeconomic factors on the incidence of hand, foot and mouth disease. <i>BMC Public Health</i> , <b>2018</b> , 18, 274	4.1	22
127	Using spatial analysis and Bayesian network to model the vulnerability and make insurance pricing of catastrophic risk. <i>International Journal of Geographical Information Science</i> , <b>2010</b> , 24, 1759-1784	4.1	22
126	Sampling and kriging spatial means: efficiency and conditions. <i>Sensors</i> , <b>2009</b> , 9, 5224-40	3.8	22

125	Estimation of PM2.5 concentrations at a high spatiotemporal resolution using constrained mixed-effect bagging models with MAIAC aerosol optical depth. <i>Remote Sensing of Environment</i> , <b>2018</b> , 217, 573-586	13.2	22
124	Arsenic levels in the soil and risk of birth defects: a population-based case-control study using GIS technology. <i>Journal of Environmental Health</i> , <b>2011</b> , 74, 20-5	0.4	22
123	A study of spatiotemporal delay in hand, foot and mouth disease in response to weather variations based on SVD: a case study in Shandong Province, China. <i>BMC Public Health</i> , <b>2015</b> , 15, 71	4.1	21
122	Spatiotemporal transmission and determinants of typhoid and paratyphoid fever in Hongta District, Yunnan Province, China. <i>PLoS Neglected Tropical Diseases</i> , <b>2013</b> , 7, e2112	4.8	21
121	Projecting heat-related excess mortality under climate change scenarios in China. <i>Nature Communications</i> , <b>2021</b> , 12, 1039	17.4	21
120	Air pollution exposure associates with increased risk of neonatal jaundice. <i>Nature Communications</i> , <b>2019</b> , 10, 3741	17.4	20
119	Temporal and Spatial Analysis of Neural Tube Defects and Detection of Geographical Factors in Shanxi Province, China. <i>PLoS ONE</i> , <b>2016</b> , 11, e0150332	3.7	20
118	A stratified optimization method for a multivariate marine environmental monitoring network in the Yangtze River estuary and its adjacent sea. <i>International Journal of Geographical Information Science</i> , <b>2015</b> , 29, 1332-1349	4.1	19
117	Spatiotemporal evolution of the remotely sensed global continental PM concentration from 2000-2014 based on Bayesian statistics. <i>Environmental Pollution</i> , <b>2018</b> , 238, 471-481	9.3	19
116	An Ensemble Spatiotemporal Model for Predicting PM Concentrations. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,	4.6	19
115	Spatiotemporal Risk of Bacillary Dysentery and Sensitivity to Meteorological Factors in Hunan Province, China. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 15,	4.6	18
114	A new method for assessing the risk of infectious disease outbreak. <i>Scientific Reports</i> , <b>2017</b> , 7, 40084	4.9	17
113	Risk Assessment and Mapping of Hand, Foot, and Mouth Disease at the County Level in Mainland China Using Spatiotemporal Zero-Inflated Bayesian Hierarchical Models. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	17
112	Prolonged continuous exposure to high fine particulate matter associated with cardiovascular and respiratory disease mortality in Beijing, China. <i>Atmospheric Environment</i> , <b>2017</b> , 168, 1-7	5.3	17
111	Spatio-temporal evolution of Beijing 2003 SARS epidemic. <i>Science China Earth Sciences</i> , <b>2010</b> , 53, 1017-1028	10.28	17
110	Spatiotemporal epidemic characteristics and risk factor analysis of malaria in Yunnan Province, China. <i>BMC Public Health</i> , <b>2017</b> , 17, 66	4.1	16
109	Cardiovascular mortality associated with low and high temperatures: determinants of inter-region vulnerability in China. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 5918-33	4.6	16
108	A Bayesian method to mine spatial data sets to evaluate the vulnerability of human beings to catastrophic risk. <i>Risk Analysis</i> , <b>2012</b> , 32, 1072-92	3.9	16

107	Spatiotemporal Interpolation of Rainfall by Combining BME Theory and Satellite Rainfall Estimates. <i>Atmosphere</i> , <b>2015</b> , 6, 1307-1326	2.7	15
106	Identifying environmental risk factors for human neural tube defects before and after folic acid supplementation. <i>BMC Public Health</i> , <b>2009</b> , 9, 391	4.1	15
105	The novel H1N1 Influenza A global airline transmission and early warning without travel containments. <i>Science Bulletin</i> , <b>2010</b> , 55, 3030-3036		15
104	Typhoon insurance pricing with spatial decision support tools. <i>International Journal of Geographical Information Science</i> , <b>2005</b> , 19, 363-384	4.1	15
103	Seasonal association between viral causes of hospitalised acute lower respiratory infections and meteorological factors in China: a retrospective study. <i>Lancet Planetary Health</i> , <b>2021</b> , 5, e154-e163	9.8	15
102	Analysis of Spatiotemporal Characteristics of Pandemic SARS Spread in Mainland China. <i>BioMed Research International</i> , <b>2016</b> , 2016, 7247983	3	15
101	Global land surface air temperature dynamics since 1880. <i>International Journal of Climatology</i> , <b>2018</b> , 38, e466-e474	3.5	15
100	A traffic cellular automata model based on road network grids and its spatial and temporal resolution influences on simulation. <i>Simulation Modelling Practice and Theory</i> , <b>2007</b> , 15, 864-878	3.9	14
99	A geological analysis for the environmental cause of human birth defects based on GIS. <i>Toxicological and Environmental Chemistry</i> , <b>2006</b> , 88, 551-559	1.4	14
98	A spatial and temporal analysis of Japanese encephalitis in mainland China, 1963-1975: a period without Japanese encephalitis vaccination. <i>PLoS ONE</i> , <b>2014</b> , 9, e99183	3.7	14
97	Land Use/Cover Change Impacts on Water Table Change over 25 Years in a Desert-Oasis Transition Zone of the Heihe River Basin, China. <i>Water (Switzerland)</i> , <b>2016</b> , 8, 11	3	14
96	A New Method for Temperature Spatial Interpolation Based on Sparse Historical Stations. <i>Journal of Climate</i> , <b>2018</b> , 31, 1757-1770	4.4	14
95	Spatial-temporal variation and primary ecological drivers of Anopheles sinensis human biting rates in malaria epidemic-prone regions of China. <i>PLoS ONE</i> , <b>2015</b> , 10, e0116932	3.7	13
94	Spatiotemporal heterogeneity and its determinants of COVID-19 transmission in typical labor export provinces of China. <i>BMC Infectious Diseases</i> , <b>2021</b> , 21, 242	4	13
93	Modeling Heterogeneity in Direct Infectious Disease Transmission in a Compartmental Model. <i>International Journal of Environmental Research and Public Health</i> , <b>2016</b> , 13,	4.6	13
92	Towards Identifying and Reducing the Bias of Disease Information Extracted from Search Engine Data. <i>PLoS Computational Biology</i> , <b>2016</b> , 12, e1004876	5	13
91	Evaluating soil evaporation parameterizations at near-instantaneous scales using surface dryness indices. <i>Journal of Hydrology</i> , <b>2016</b> , 541, 1199-1211	6	12
90	Model-driven development of covariances for spatiotemporal environmental health assessment. <i>Environmental Monitoring and Assessment</i> , <b>2013</b> , 185, 815-31	3.1	12

89	Improving tsunami warning systems with remote sensing and geographical information system input. <i>Risk Analysis</i> , <b>2008</b> , 28, 1653-68	3.9	12
88	Visualized Exploratory Spatiotemporal Analysis of Hand-Foot-Mouth Disease in Southern China. <i>PLoS ONE</i> , <b>2015</b> , 10, e0143411	3.7	12
87	Spatiotemporally Varying Coefficients (STVC) model: a Bayesian local regression to detect spatial and temporal nonstationarity in variables relationships. <i>Annals of GIS</i> , <b>2020</b> , 26, 277-291	4.1	12
86	Spatial data discretization methods for geocomputation. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2014</b> , 26, 432-440	7.3	11
85	An integrated regionalization of earthquake, flood, and drought hazards in China. <i>Transactions in GIS</i> , <b>1997</b> , 2, 25-44	2.1	11
84	The spatial statistic trinity: A generic framework for spatial sampling and inference. <i>Environmental Modelling and Software</i> , <b>2020</b> , 134, 104835	5.2	11
83	Hand, foot, and mouth disease in mainland China before it was listed as category C disease in May, 2008. <i>Lancet Infectious Diseases</i> , <b>2017</b> , 17, 1017-1018	25.5	10
82	Modification Effects of Population Expansion, Ageing, and Adaptation on Heat-Related Mortality Risks Under Different Climate Change Scenarios in Guangzhou, China. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	10
81	First, second and potential third generation spreads of the COVID-19 epidemic in mainland China: an early exploratory study incorporating location-based service data of mobile devices. <i>International Journal of Infectious Diseases</i> , <b>2020</b> , 96, 489-495	10.5	10
80	Temporal Trends in Geographical Variation in Breast Cancer Mortality in China, 1973-2005: An Analysis of Nationwide Surveys on Cause of Death. <i>International Journal of Environmental Research and Public Health</i> , <b>2016</b> , 13,	4.6	10
79	Modeling the Heterogeneity of Dengue Transmission in a City. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	9
78	Using spatial multilevel regression analysis to assess soil type contextual effects on neural tube defects. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2013</b> , 27, 1695-1708	3.5	9
77	A comparison of methods for spatial relative risk mapping of human neural tube defects. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2011</b> , 25, 99-106	3.5	9
76	The lag effect of water pollution on the mortality rate for esophageal cancer in a rapidly industrialized region in China. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 32852-32858	5.1	8
75	Comparison of spatial sampling strategies for ground sampling and validation of MODIS LAI products. <i>International Journal of Remote Sensing</i> , <b>2014</b> , 35, 7230-7244	3.1	8
74	A B-SHADE based best linear unbiased estimation tool for biased samples. <i>Environmental Modelling and Software</i> , <b>2013</b> , 48, 93-97	5.2	8
73	Using Spatial Analysis to Understand the Spatial Heterogeneity of Disability Employment in China. <i>Transactions in GIS</i> , <b>2017</b> , 21, 647-660	2.1	8
72	Environmental controls on cultivated soybean phenotypic traits across China. <i>Agriculture, Ecosystems and Environment</i> , <b>2014</b> , 192, 12-18	5.7	8



71	Spatiotemporal pattern of hand-foot-mouth disease in China: an analysis of empirical orthogonal functions. <i>Public Health</i> , <b>2014</b> , 128, 367-75	4	8
70	A spatial model to predict the incidence of neural tube defects. <i>BMC Public Health</i> , <b>2012</b> , 12, 951	4.1	8
69	The retrieval of two-dimensional distribution of the earth's surface aerodynamic roughness using SAR image and TM thermal infrared image. <i>Science in China Series D: Earth Sciences</i> , <b>2004</b> , 47, 1134-1146		8
68	Trends in geographical disparities for cervical cancer mortality in China from 1973 to 2013: a subnational spatio-temporal study. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , <b>2017</b> , 29, 487-495	3.8	8
67	Encoder-Decoder Full Residual Deep Networks for Robust Regression and Spatiotemporal Estimation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 4217-4230	10.3	8
66	A better indicator to measure the effects of meteorological factors on cardiovascular mortality: heat index. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 22842-22849	5.1	8
65	Probabilistic assessment of high concentrations of particulate matter (PM10) in Beijing, China. <i>Atmospheric Pollution Research</i> , <b>2017</b> , 8, 1143-1150	4.5	7
64	Niche modeling predictions of the potential distribution of <i>Marmota himalayana</i> , the host animal of plague in Yushu County of Qinghai. <i>BMC Public Health</i> , <b>2016</b> , 16, 183	4.1	7
63	Optimization of Shanghai marine environment monitoring sites by integrating spatial correlation and stratified heterogeneity. <i>Acta Oceanologica Sinica</i> , <b>2017</b> , 36, 111-121	1	7
62	Assessing the quality of training data in the supervised classification of remotely sensed imagery: a correlation analysis. <i>Journal of Spatial Science</i> , <b>2012</b> , 57, 135-152	1.6	7
61	Prediction of neural tube defect using support vector machine. <i>Biomedical and Environmental Sciences</i> , <b>2010</b> , 23, 167-72	1.1	7
60	Analysis of geographical clustering of birth defects in Heshun county, Shanxi province. <i>International Journal of Environmental Health Research</i> , <b>2008</b> , 18, 243-52	3.6	7
59	Estimating missing values in China's official socioeconomic statistics using progressive spatiotemporal Bayesian hierarchical modeling. <i>Scientific Reports</i> , <b>2018</b> , 8, 10055	4.9	7
58	Spatial interpolation of marine environment data using P-MSN. <i>International Journal of Geographical Information Science</i> , <b>2020</b> , 34, 577-603	4.1	7
57	Risk assessment of the step-by-step return-to-work policy in Beijing following the COVID-19 epidemic peak. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2020</b> , 35, 1-18	3.5	7
56	Spatial and temporal patterns of nasopharyngeal carcinoma mortality in China, 1973-2005. <i>Cancer Letters</i> , <b>2017</b> , 401, 33-38	9.9	6
55	Disease relative risk downscaling model to localize spatial epidemiologic indicators for mapping hand, foot, and mouth disease over China. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2019</b> , 33, 1815-1833	3.5	6
54	Detecting nominal variables'spatial associations using conditional probabilities of neighboring surface objects'categories. <i>Information Sciences</i> , <b>2016</b> , 329, 701-718	7.7	6

53	Spatial pattern of severe acute respiratory syndrome in-out flow in 2003 in Mainland China. <i>BMC Infectious Diseases</i> , <b>2014</b> , 14, 721	4	6
52	A spatial scan statistic for nonisotropic two-level risk cluster. <i>Statistics in Medicine</i> , <b>2012</b> , 31, 177-87	2.3	6
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