

# Hongyan Ren

## List of Publications by Year in descending order

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31  
papers

1,122  
citations

643344

15  
h-index

488211

31  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1700  
citing authors

#	ARTICLE	IF	CITATIONS
1	A machine learning method to estimate PM2.5 concentrations across China with remote sensing, meteorological and land use information. <i>Science of the Total Environment</i> , 2018, 636, 52-60.	3.9	406
2	Spatiotemporal patterns of PM10 concentrations over China during 2005–2016: A satellite-based estimation using the random forests approach. <i>Environmental Pollution</i> , 2018, 242, 605-613.	3.7	136
3	The impact of ambient fine particles on influenza transmission and the modification effects of temperature in China: A multi-city study. <i>Environment International</i> , 2017, 98, 82-88.	4.8	107
4	Early forecasting of the potential risk zones of COVID-19 in China's megacities. <i>Science of the Total Environment</i> , 2020, 729, 138995.	3.9	77
5	Spatiotemporal Heterogeneity Analysis of Hemorrhagic Fever with Renal Syndrome in China Using Geographically Weighted Regression Models. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 12129-12147.	1.2	32
6	Neglected Urban Villages in Current Vector Surveillance System: Evidences in Guangzhou, China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2.	1.2	32
7	Urban villages as transfer stations for dengue fever epidemic: A case study in the Guangzhou, China. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007350.	1.3	31
8	Spatiotemporal responses of dengue fever transmission to the road network in an urban area. <i>Acta Tropica</i> , 2018, 183, 8-13.	0.9	30
9	A Simple Semi-Automatic Approach for Land Cover Classification from Multispectral Remote Sensing Imagery. <i>PLoS ONE</i> , 2012, 7, e45889.	1.1	27
10	Association between Changing Mortality of Digestive Tract Cancers and Water Pollution: A Case Study in the Huai River Basin, China. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 214-226.	1.2	26
11	Ecological Niche Modeling Identifies Fine-Scale Areas at High Risk of Dengue Fever in the Pearl River Delta, China. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 619.	1.2	23
12	Exploring Determinants of Spatial Variations in the Dengue Fever Epidemic Using Geographically Weighted Regression Model: A Case Study in the Joint Guangzhou-Foshan Area, China, 2014. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1518.	1.2	23
13	Characterization of dengue epidemics in mainland China over the past decade. <i>Journal of Infection in Developing Countries</i> , 2015, 9, 970-976.	0.5	23
14	The influences of temperature on spatiotemporal trends of hand-foot-and-mouth disease in mainland China. <i>International Journal of Environmental Health Research</i> , 2014, 24, 1-10.	1.3	20
15	Mortality trends for ischemic heart disease in China: an analysis of 102 continuous disease surveillance points from 1991 to 2009. <i>BMC Public Health</i> , 2018, 18, 52.	1.2	18
16	Distinct Influences of Urban Villages on Urban Heat Islands: A Case Study in the Pearl River Delta, China. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1666.	1.2	17
17	Characterisation of gastric cancer and its relation to environmental factors: a case study in Shenqiu County, China. <i>International Journal of Environmental Health Research</i> , 2016, 26, 1-10.	1.3	15
18	Lung Cancer Mortality and Topography: A Xuanwei Case Study. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 473.	1.2	11

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19	Spatiotemporal Variations in Gastric Cancer Mortality and Their Relations to Influencing Factors in S County, China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 784.	1.2	11
20	Increasingly expanded future risk of dengue fever in the Pearl River Delta, China. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009745.	1.3	8
21	A Partition-Based Detection of Urban Villages Using High-Resolution Remote Sensing Imagery in Guangzhou, China. <i>Remote Sensing</i> , 2020, 12, 2334.	1.8	7
22	Time Series Analysis of Hemorrhagic Fever with Renal Syndrome: A Case Study in Jiaonan County, China. <i>PLoS ONE</i> , 2016, 11, e0163771.	1.1	7
23	Specific urban units identified in tuberculosis epidemic using a geographical detector in Guangzhou, China. <i>Infectious Diseases of Poverty</i> , 2022, 11, 44.	1.5	7
24	Attention Should Be Paid to Adolescent Girl Anemia in China: Based on China Nutrition and Health Surveillance (2015–2017). <i>Nutrients</i> , 2022, 14, 2449.	1.7	6
25	Spatiotemporal variations in cardiovascular disease mortality in China from 1991 to 2009. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 159.	0.7	4
26	A Quantile Approach for Retrieving the “Core Urban-Suburban-Rural” (USR) Structure Based on Nighttime Light. <i>Remote Sensing</i> , 2020, 12, 4179.	1.8	4
27	Characterization of Esophageal Cancer and Its Association with Influencing Factors in Guangzhou City, China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1498.	1.2	4
28	Regional Differences in the Prevalence of Anaemia and Associated Risk Factors among Infants Aged 0–23 Months in China: China Nutrition and Health Surveillance. <i>Nutrients</i> , 2021, 13, 1293.	1.7	4
29	Anemia of School-Age Children in Primary Schools in Southern China Should Be Paid More Attention despite the Significant Improvement at National Level: Based on Chinese Nutrition and Health Surveillance Data (2016–2017). <i>Nutrients</i> , 2021, 13, 3705.	1.7	3
30	Spatiotemporal Hotspots of Study Areas in Research of Gastric Cancer in China Based on Web-Crawled Literature. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3997.	1.2	2
31	Mortality trends for ischaemic heart disease and stroke in China: an analysis of 102 continuous disease surveillance points from 1991 to 2009. <i>Lancet</i> , The, 2015, 386, S71.	6.3	1