Zhijie Zhang

List of Publications by Year
in descending order

77 papers	1,886 citations	331259 21 h-index	301761 39 g-index
81 all docs	81 docs citations	81 times ranked	2717 citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 transmission in Mainland China is associated with temperature and humidity: A time-series analysis. Science of the Total Environment, 2020, 728, 138778.	3.9	418
2	Epidemiology of avian influenza A H7N9 virus in human beings across five epidemics in mainland China, 2013â€"17: an epidemiological study of laboratory-confirmed case series. Lancet Infectious Diseases, The, 2017, 17, 822-832.	4.6	251
3	The role of climate during the COVIDâ€19 epidemic in New South Wales, Australia. Transboundary and Emerging Diseases, 2020, 67, 2313-2317.	1.3	65
4	Impact of meteorological factors on the incidence of childhood hand, foot, and mouth disease (HFMD) analyzed by DLNMs-based time series approach. Infectious Diseases of Poverty, 2018, 7, 7.	1.5	55
5	Trend of HIV-1 drug resistance in China: A systematic review and meta-analysis of data accumulated over 17 years (2001â€"2017). EClinicalMedicine, 2020, 18, 100238.	3.2	47
6	Effects of oral florfenicol and azithromycin on gut microbiota and adipogenesis in mice. PLoS ONE, 2017, 12, e0181690.	1.1	47
7	Spatial, temporal, and spatiotemporal analysis of malaria in Hubei Province, China from 2004â€"2011. Malaria Journal, 2015, 14, 145.	0.8	46
8	Humidity is a consistent climatic factor contributing to SARSâ€CoVâ€2 transmission. Transboundary and Emerging Diseases, 2020, 67, 3069-3074.	1.3	41
9	Spatial pattern of schistosomiasis in Xingzi, Jiangxi Province, China: the effects of environmental factors. Parasites and Vectors, 2013, 6, 214.	1.0	38
10	Identifying high-risk regions for schistosomiasis in Guichi, China: A spatial analysis. Acta Tropica, 2008, 107, 217-223.	0.9	36
11	Long-Term Impact of the World Bank Loan Project for Schistosomiasis Control: A Comparison of the Spatial Distribution of Schistosomiasis Risk in China. PLoS Neglected Tropical Diseases, 2012, 6, e1620.	1.3	35
12	Location of active transmission sites of Schistosoma japonicum in lake and marshland regions in China. Parasitology, 2009, 136, 737-746.	0.7	34
13	Dietary Fiber Intake Is Associated with HbA1c Level among Prevalent Patients with Type 2 Diabetes in Pudong New Area of Shanghai, China. PLoS ONE, 2012, 7, e46552.	1.1	31
14	Spatio-temporal Transmission and Environmental Determinants of Schistosomiasis Japonica in Anhui Province, China. PLoS Neglected Tropical Diseases, 2015, 9, e0003470.	1.3	30
15	Changing epidemiology of hand, foot, and mouth disease in China, 2013â€"2019: a population-based study. The Lancet Regional Health - Western Pacific, 2022, 20, 100370.	1.3	30
16	A model for the prediction of Oncomelania hupensis in the lake and marshland regions, China. Parasitology International, 2008, 57, 121-131.	0.6	28
17	Spatio-Temporal Data Comparisons for Global Highly Pathogenic Avian Influenza (HPAI) H5N1 Outbreaks. PLoS ONE, 2010, 5, e15314.	1.1	28
18	Spatial measurement errors in the field of spatial epidemiology. International Journal of Health Geographics, 2016, 15, 21.	1.2	26

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19	Effect of Combined Excess Iodine and Low-Protein Diet on Thyroid Hormones and Ultrastructure in Wistar Rats. Biological Trace Element Research, 2013, 155, 416-422.	1.9	24
20	Dynamics of spatial clustering of schistosomiasis in the Yangtze River Valley at the end of and following the World Bank Loan Project. Parasitology International, 2014, 63, 500-505.	0.6	24
21	Monitoring schistosomiasis risk in East China over space and time using a Bayesian hierarchical modeling approach. Scientific Reports, 2016, 6, 24173.	1.6	24
22	The complexity of human infected AIV H5N6 isolated from China. BMC Infectious Diseases, 2016, 16, 600.	1.3	23
23	Assessing environmental factors associated with regional schistosomiasis prevalence in Anhui Province, Peoples' Republic of China using a geographical detector method. Infectious Diseases of Poverty, 2017, 6, 87.	1.5	21
24	Association of Circulating Fibroblast Growth Factor-23 with Renal Phosphate Excretion among Hemodialysis Patients with Residual Renal Function. Clinical Journal of the American Society of Nephrology: CJASN, 2013, 8, 116-125.	2.2	20
25	Quantifying the risk of hand, foot, and mouth disease (HFMD) attributable to meteorological factors in East China: A time series modelling study. Science of the Total Environment, 2020, 728, 138548.	3.9	20
26	Nonparametric Evaluation of Dynamic Disease Risk: A Spatio-Temporal Kernel Approach. PLoS ONE, 2011, 6, e17381.	1.1	20
27	Nonparametric spatial analysis to detect high-risk regions for schistosomiasis in Guichi, China. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2009, 103, 1045-1052.	0.7	19
28	Risk signals of an influenza pandemic caused by highly pathogenic avian influenza subtype H5N1: Spatio-temporal perspectives. Veterinary Journal, 2012, 192, 417-421.	0.6	18
29	Identification of high-risk habitats of Oncomelania hupensis, the intermediate host of schistosoma japonium in the Poyang Lake region, China: A spatial and ecological analysis. PLoS Neglected Tropical Diseases, 2019, 13, e0007386.	1.3	18
30	Evolutionary Characteristics of A/Hangzhou/1/2013 and Source of Avian Influenza Virus H7N9 Subtype in China. Clinical Infectious Diseases, 2013, 57, 622-624.	2.9	16
31	Remote sensing and disease control in China: past, present and future. Parasites and Vectors, 2013, 6, 11.	1.0	15
32	Impact of the coronavirus disease 2019 interventions on the incidence of hand, foot, and mouth disease in mainland China. The Lancet Regional Health - Western Pacific, 2022, 20, 100362.	1.3	15
33	Drug resistance and epidemiology characteristics of multidrug-resistant tuberculosis patients in 17 provinces of China. PLoS ONE, 2019, 14, e0225361.	1.1	14
34	Implementation of Clinical Diagnostic Criteria and Universal Symptom Survey Contributed to Lower Magnitude and Faster Resolution of the COVID-19 Epidemic in Wuhan. Engineering, 2020, 6, 1141-1146.	3.2	14
35	Risk prediction of two types of potential snail habitats in Anhui Province of China: Model-based approaches. PLoS Neglected Tropical Diseases, 2020, 14, e0008178.	1.3	14
36	Spatially Explicit Modeling of Schistosomiasis Risk in Eastern China Based on a Synthesis of Epidemiological, Environmental and Intermediate Host Genetic Data. PLoS Neglected Tropical Diseases, 2013, 7, e2327.	1.3	13

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37	Association of Serum Phosphorus Variability with Coronary Artery Calcification among Hemodialysis Patients. PLoS ONE, 2014, 9, e93360.	1.1	13
38	Meteorological conditions are heterogeneous factors for COVID-19 risk in China. Environmental Research, 2021, 198, 111182.	3.7	13
39	Schistosomiasis elimination. Lancet Infectious Diseases, The, 2011, 11, 345.	4.6	12
40	Identification of Parasite-Host Habitats in Anxiang County, Hunan Province, China Based on Multi-Temporal China-Brazil Earth Resources Satellite (CBERS) Images. PLoS ONE, 2013, 8, e69447.	1.1	12
41	Pregnant women's clinical characteristics, intrapartum interventions, and duration of labour in urban China: a multi-center cross-sectional study. BMC Pregnancy and Childbirth, 2020, 20, 386.	0.9	12
42	Changing Patterns of Spatial Clustering of Schistosomiasis in Southwest China between 1999–2001 and 2007–2008: Assessing Progress toward Eradication after the World Bank Loan Project. International Journal of Environmental Research and Public Health, 2014, 11, 701-712.	1.2	11
43	Assessment of the national schistosomiasis control program in a typical region along the Yangtze River, China. International Journal for Parasitology, 2017, 47, 21-29.	1.3	11
44	Epidemiological features and spatial clusters of hand, foot, and mouth disease in Qinghai Province, China, 2009–2015. BMC Infectious Diseases, 2018, 18, 624.	1.3	11
45	Weather Conditions and COVID-19 Incidence in a Cold Climate: A Time-Series Study in Finland. Frontiers in Public Health, 2020, 8, 605128.	1.3	11
46	Geographical Distribution Patterns of Iodine in Drinking-Water and Its Associations with Geological Factors in Shandong Province, China. International Journal of Environmental Research and Public Health, 2014, 11, 5431-5444.	1.2	10
47	Spatio-Temporal Patterns of Schistosomiasis Japonica in Lake and Marshland Areas in China: The Effect of Snail Habitats. American Journal of Tropical Medicine and Hygiene, 2014, 91, 547-554.	0.6	10
48	Village-based spatio-temporal cluster analysis of the schistosomiasis risk in the Poyang Lake Region, China. Parasites and Vectors, 2017, 10, 136.	1.0	10
49	Spatio-temporal pattern of schistosomiasis in Anhui Province, East China: Potential effect of the Yangtze River - Huaihe River Water Transfer Project. Parasitology International, 2018, 67, 538-546.	0.6	10
50	Global spatial risk pattern of highly pathogenic avian influenza H5N1 virus in wild birds: A knowledge-fusion based approach. Preventive Veterinary Medicine, 2018, 152, 32-39.	0.7	9
51	Transmissibility of the highly pathogenic avian influenza virus, subtype H5N1 in domestic poultry: a spatio-temporal estimation at the global scale. Geospatial Health, 2012, 7, 135.	0.3	8
52	Identification of high-risk regions for schistosomiasis in the Guichi region of China: an adaptive kernel density estimation-based approach. Parasitology, 2013, 140, 868-875.	0.7	8
53	Sandwich mapping of schistosomiasis risk in Anhui Province, China. Geospatial Health, 2015, 10, 324.	0.3	8
54	Evaluating the Impact of Environmental Temperature on Global Highly Pathogenic Avian Influenza (HPAI) H5N1 Outbreaks in Domestic Poultry. International Journal of Environmental Research and Public Health, 2014, 11, 6388-6399.	1.2	7

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55	Shifts in the Spatiotemporal Dynamics of Schistosomiasis: A Case Study in Anhui Province, China. PLoS Neglected Tropical Diseases, 2015, 9, e0003715.	1.3	7
56	Elimination of Schistosoma japonicum Transmission in China: A Case of Schistosomiasis Control in the Severe Epidemic Area of Anhui Province. International Journal of Environmental Research and Public Health, 2019, 16, 138.	1.2	7
57	Challenges in the control of COVID-19 outbreaks caused by the delta variant during periods of low humidity: an observational study in Sydney, Australia. Infectious Diseases of Poverty, 2021, 10, 139.	1.5	7
58	Identifying Spatial Clusters of Schistosomiasis in Anhui Province of China: A Study from the Perspective of Application. International Journal of Environmental Research and Public Health, 2015, 12, 11756-11769.	1.2	6
59	Is a highly pathogenic avian influenza virus H5N1 fragment recombined in PB1 the key for the epidemic of the novel AIV H7N9 in China, 2013?. International Journal of Infectious Diseases, 2016, 43, 85-89.	1.5	6
60	Prevalence of Kaposiâ€™s sarcoma-associated herpesvirus among intravenous drug users: a systematic review and meta-analysis. Virologica Sinica, 2017, 32, 415-422.	1.2	6
61	Schistosome eggs stimulate reactive oxygen species production to enhance M2 macrophage differentiation and promote hepatic pathology in schistosomiasis. PLoS Neglected Tropical Diseases, 2021, 15, e0009696.	1.3	6
62	Changed transmission epidemiology of COVID-19 at early stage: A nationwide population-based piecewise mathematical modelling study. Travel Medicine and Infectious Disease, 2021, 39, 101918.	1.5	5
63	Could A Deletion in Neuraminidase Stalk Strengthen Human Tropism of the Novel Avian Influenza Virus H7N9 in China, 2013?. International Journal of Environmental Research and Public Health, 2015, 12, 1020-1028.	1.2	4
64	A comparison of modelling the spatio-temporal pattern of disease: a case study of schistosomiasis japonica in Anhui Province, China. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2022, 116, 555-563.	0.7	4
65	Systematic review and metaâ€analysis of the associations between maternal methylenetetrahydrofolate reductase polymorphisms and preterm delivery. Journal of Obstetrics and Gynaecology Research, 2018, 44, 663-672.	0.6	3
66	The Spatialâ€"Temporal Trend Analysis of Schistosomiasis from 1997 to 2010 in Anhui Province, Eastern China. American Journal of Tropical Medicine and Hygiene, 2018, 98, 1145-1151.	0.6	3
67	Predictors of Pain and Discomfort Associated with CT Arthrography of the Shoulder. Academic Radiology, 2018, 25, 1603-1608.	1.3	2
68	Implications from assessing environmental effects on spatio-temporal pattern of schistosomiasis in the Yangtze Basin, China. Geospatial Health, 2018, 13, .	0.3	2
69	Efficacy of Jia Wei Yang He formula as an adjunctive therapy for asthma: study protocol for a randomized, double blinded, controlled trial. Trials, 2018, 19, 355.	0.7	2
70	Dynamic evolution of schistosomiasis distribution under different control strategies: Results from surveillance covering 1991â€"2014 in Guichi, China. PLoS Neglected Tropical Diseases, 2021, 15, e0008976.	1.3	2
71	Research Progress of Spatio-Temporal Interpolation in the Field of Public Health. Journal of Physics: Conference Series, 2021, 1802, 042060.	0.3	2
72	Comment on: The burden of polyparasitism among primary schoolchildren in rural and farming areas in Zimbabwe. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2009, 103, 857.	0.7	1

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73	Human infections and co-infections with helminths in a rural population in Guichi, Anhui Province, China. Geospatial Health, 2015, 10, 374.	0.3	1
74	Transmission center and driving factors of hand, foot, and mouth disease in China: A combined analysis. PLoS Neglected Tropical Diseases, 2020, 14, e0008070.	1.3	1
75	Bayesian maximum entropy-based prediction of the spatiotemporal risk of schistosomiasis in Anhui Province, China. BMC Infectious Diseases, 2021, 21, 1171.	1.3	1
76	Changing epidemiology of hemorrhagic fever with renal syndrome in Jiangsu Province, China, 1963â€"2017. Zeitschrift Fur Gesundheitswissenschaften, 0, , 1.	0.8	0
77	Intra-area factors dominate the spatio-temporal transmission heterogeneity of hand, foot, and mouth disease in China: A modelling study. Science of the Total Environment, 2021, 775, 145859.	3.9	0