

Zhijie Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

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	A comparison of modelling the spatio-temporal pattern of disease: a case study of schistosomiasis japonica in Anhui Province, China. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2022, 116, 555-563.	0.7	4
2	Impact of the coronavirus disease 2019 interventions on the incidence of hand, foot, and mouth disease in mainland China. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 20, 100362.	1.3	15
3	Changing epidemiology of hand, foot, and mouth disease in China, 2013~2019: a population-based study. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 20, 100370.	1.3	30
4	Changed transmission epidemiology of COVID-19 at early stage: A nationwide population-based piecewise mathematical modelling study. <i>Travel Medicine and Infectious Disease</i> , 2021, 39, 101918.	1.5	5
5	Dynamic evolution of schistosomiasis distribution under different control strategies: Results from surveillance covering 1991~2014 in Guichi, China. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0008976.	1.3	2
6	Research Progress of Spatio-Temporal Interpolation in the Field of Public Health. <i>Journal of Physics: Conference Series</i> , 2021, 1802, 042060.	0.3	2
7	Intra-area factors dominate the spatio-temporal transmission heterogeneity of hand, foot, and mouth disease in China: A modelling study. <i>Science of the Total Environment</i> , 2021, 775, 145859.	3.9	0
8	Meteorological conditions are heterogeneous factors for COVID-19 risk in China. <i>Environmental Research</i> , 2021, 198, 111182.	3.7	13
9	Schistosome eggs stimulate reactive oxygen species production to enhance M2 macrophage differentiation and promote hepatic pathology in schistosomiasis. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009696.	1.3	6
10	Bayesian maximum entropy-based prediction of the spatiotemporal risk of schistosomiasis in Anhui Province, China. <i>BMC Infectious Diseases</i> , 2021, 21, 1171.	1.3	1
11	Challenges in the control of COVID-19 outbreaks caused by the delta variant during periods of low humidity: an observational study in Sydney, Australia. <i>Infectious Diseases of Poverty</i> , 2021, 10, 139.	1.5	7
12	Trend of HIV-1 drug resistance in China: A systematic review and meta-analysis of data accumulated over 17 years (2001~2017). <i>EClinicalMedicine</i> , 2020, 18, 100238.	3.2	47
13	Humidity is a consistent climatic factor contributing to SARS-CoV-2 transmission. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 3069-3074.	1.3	41
14	Implementation of Clinical Diagnostic Criteria and Universal Symptom Survey Contributed to Lower Magnitude and Faster Resolution of the COVID-19 Epidemic in Wuhan. <i>Engineering</i> , 2020, 6, 1141-1146.	3.2	14
15	The role of climate during the COVID-19 epidemic in New South Wales, Australia. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 2313-2317.	1.3	65
16	Transmission center and driving factors of hand, foot, and mouth disease in China: A combined analysis. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008070.	1.3	1
17	Pregnant women's clinical characteristics, intrapartum interventions, and duration of labour in urban China: a multi-center cross-sectional study. <i>BMC Pregnancy and Childbirth</i> , 2020, 20, 386.	0.9	12
18	Quantifying the risk of hand, foot, and mouth disease (HFMD) attributable to meteorological factors in East China: A time series modelling study. <i>Science of the Total Environment</i> , 2020, 728, 138548.	3.9	20

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19	Risk prediction of two types of potential snail habitats in Anhui Province of China: Model-based approaches. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008178.	1.3	14
20	COVID-19 transmission in Mainland China is associated with temperature and humidity: A time-series analysis. <i>Science of the Total Environment</i> , 2020, 728, 138778.	3.9	418
21	Weather Conditions and COVID-19 Incidence in a Cold Climate: A Time-Series Study in Finland. <i>Frontiers in Public Health</i> , 2020, 8, 605128.	1.3	11
22	Identification of high-risk habitats of <i>Oncomelania hupensis</i> , the intermediate host of <i>Schistosoma japonicum</i> in the Poyang Lake region, China: A spatial and ecological analysis. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007386.	1.3	18
23	Elimination of <i>Schistosoma japonicum</i> Transmission in China: A Case of Schistosomiasis Control in the Severe Epidemic Area of Anhui Province. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 138.	1.2	7
24	Drug resistance and epidemiology characteristics of multidrug-resistant tuberculosis patients in 17 provinces of China. <i>PLoS ONE</i> , 2019, 14, e0225361.	1.1	14
25	Global spatial risk pattern of highly pathogenic avian influenza H5N1 virus in wild birds: A knowledge-fusion based approach. <i>Preventive Veterinary Medicine</i> , 2018, 152, 32-39.	0.7	9
26	Systematic review and meta-analysis of the associations between maternal methylenetetrahydrofolate reductase polymorphisms and preterm delivery. <i>Journal of Obstetrics and Gynaecology Research</i> , 2018, 44, 663-672.	0.6	3
27	Predictors of Pain and Discomfort Associated with CT Arthrography of the Shoulder. <i>Academic Radiology</i> , 2018, 25, 1603-1608.	1.3	2
28	Implications from assessing environmental effects on spatio-temporal pattern of schistosomiasis in the Yangtze Basin, China. <i>Geospatial Health</i> , 2018, 13, .	0.3	2
29	Epidemiological features and spatial clusters of hand, foot, and mouth disease in Qinghai Province, China, 2009-2015. <i>BMC Infectious Diseases</i> , 2018, 18, 624.	1.3	11
30	Spatio-temporal pattern of schistosomiasis in Anhui Province, East China: Potential effect of the Yangtze River - Huaihe River Water Transfer Project. <i>Parasitology International</i> , 2018, 67, 538-546.	0.6	10
31	Efficacy of Jia Wei Yang He formula as an adjunctive therapy for asthma: study protocol for a randomized, double blinded, controlled trial. <i>Trials</i> , 2018, 19, 355.	0.7	2
32	Impact of meteorological factors on the incidence of childhood hand, foot, and mouth disease (HFMD) analyzed by DLNMs-based time series approach. <i>Infectious Diseases of Poverty</i> , 2018, 7, 7.	1.5	55
33	The Spatial-Temporal Trend Analysis of Schistosomiasis from 1997 to 2010 in Anhui Province, Eastern China. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 1145-1151.	0.6	3
34	Assessment of the national schistosomiasis control program in a typical region along the Yangtze River, China. <i>International Journal for Parasitology</i> , 2017, 47, 21-29.	1.3	11
35	Epidemiology of avian influenza A H7N9 virus in human beings across five epidemics in mainland China, 2013-2017: an epidemiological study of laboratory-confirmed case series. <i>Lancet Infectious Diseases</i> , The, 2017, 17, 822-832.	4.6	251
36	Prevalence of Kaposi's sarcoma-associated herpesvirus among intravenous drug users: a systematic review and meta-analysis. <i>Virologica Sinica</i> , 2017, 32, 415-422.	1.2	6

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37	Village-based spatio-temporal cluster analysis of the schistosomiasis risk in the Poyang Lake Region, China. <i>Parasites and Vectors</i> , 2017, 10, 136.	1.0	10
38	Assessing environmental factors associated with regional schistosomiasis prevalence in Anhui Province, Peoplesâ€™ Republic of China using a geographical detector method. <i>Infectious Diseases of Poverty</i> , 2017, 6, 87.	1.5	21
39	Effects of oral florfenicol and azithromycin on gut microbiota and adipogenesis in mice. <i>PLoS ONE</i> , 2017, 12, e0181690.	1.1	47
40	Monitoring schistosomiasis risk in East China over space and time using a Bayesian hierarchical modeling approach. <i>Scientific Reports</i> , 2016, 6, 24173.	1.6	24
41	Spatial measurement errors in the field of spatial epidemiology. <i>International Journal of Health Geographics</i> , 2016, 15, 21.	1.2	26
42	The complexity of human infected AIV H5N6 isolated from China. <i>BMC Infectious Diseases</i> , 2016, 16, 600.	1.3	23
43	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?. <i>International Journal of Infectious Diseases</i> , 2016, 43, 85-89.	1.5	6
44	Human infections and co-infections with helminths in a rural population in Guichi, Anhui Province, China. <i>Geospatial Health</i> , 2015, 10, 374.	0.3	1
45	Sandwich mapping of schistosomiasis risk in Anhui Province, China. <i>Geospatial Health</i> , 2015, 10, 324.	0.3	8
46	Identifying Spatial Clusters of Schistosomiasis in Anhui Province of China: A Study from the Perspective of Application. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 11756-11769.	1.2	6
47	Could A Deletion in Neuraminidase Stalk Strengthen Human Tropism of the Novel Avian Influenza Virus H7N9 in China, 2013?. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 1020-1028.	1.2	4
48	Shifts in the Spatiotemporal Dynamics of Schistosomiasis: A Case Study in Anhui Province, China. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003715.	1.3	7
49	Spatio-temporal Transmission and Environmental Determinants of Schistosomiasis Japonica in Anhui Province, China. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003470.	1.3	30
50	Spatial, temporal, and spatiotemporal analysis of malaria in Hubei Province, China from 2004â€“2011. <i>Malaria Journal</i> , 2015, 14, 145.	0.8	46
51	Association of Serum Phosphorus Variability with Coronary Artery Calcification among Hemodialysis Patients. <i>PLoS ONE</i> , 2014, 9, e93360.	1.1	13
52	Changing Patterns of Spatial Clustering of Schistosomiasis in Southwest China between 1999â€“2001 and 2007â€“2008: Assessing Progress toward Eradication after the World Bank Loan Project. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 701-712.	1.2	11
53	Geographical Distribution Patterns of Iodine in Drinking-Water and Its Associations with Geological Factors in Shandong Province, China. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 5431-5444.	1.2	10
54	Evaluating the Impact of Environmental Temperature on Global Highly Pathogenic Avian Influenza (HPAI) H5N1 Outbreaks in Domestic Poultry. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 6388-6399.	1.2	7

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55	Dynamics of spatial clustering of schistosomiasis in the Yangtze River Valley at the end of and following the World Bank Loan Project. <i>Parasitology International</i> , 2014, 63, 500-505.	0.6	24
56	Spatio-Temporal Patterns of Schistosomiasis Japonica in Lake and Marshland Areas in China: The Effect of Snail Habitats. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 91, 547-554.	0.6	10
57	Spatial pattern of schistosomiasis in Xingzi, Jiangxi Province, China: the effects of environmental factors. <i>Parasites and Vectors</i> , 2013, 6, 214.	1.0	38
58	Remote sensing and disease control in China: past, present and future. <i>Parasites and Vectors</i> , 2013, 6, 11.	1.0	15
59	Effect of Combined Excess Iodine and Low-Protein Diet on Thyroid Hormones and Ultrastructure in Wistar Rats. <i>Biological Trace Element Research</i> , 2013, 155, 416-422.	1.9	24
60	Identification of high-risk regions for schistosomiasis in the Guichi region of China: an adaptive kernel density estimation-based approach. <i>Parasitology</i> , 2013, 140, 868-875.	0.7	8
61	Association of Circulating Fibroblast Growth Factor-23 with Renal Phosphate Excretion among Hemodialysis Patients with Residual Renal Function. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2013, 8, 116-125.	2.2	20
62	Spatially Explicit Modeling of Schistosomiasis Risk in Eastern China Based on a Synthesis of Epidemiological, Environmental and Intermediate Host Genetic Data. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2327.	1.3	13
63	Evolutionary Characteristics of A/Hangzhou/1/2013 and Source of Avian Influenza Virus H7N9 Subtype in China. <i>Clinical Infectious Diseases</i> , 2013, 57, 622-624.	2.9	16
64	Identification of Parasite-Host Habitats in Anxiang County, Hunan Province, China Based on Multi-Temporal China-Brazil Earth Resources Satellite (CBERS) Images. <i>PLoS ONE</i> , 2013, 8, e69447.	1.1	12
65	Long-Term Impact of the World Bank Loan Project for Schistosomiasis Control: A Comparison of the Spatial Distribution of Schistosomiasis Risk in China. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1620.	1.3	35
66	Dietary Fiber Intake Is Associated with HbA1c Level among Prevalent Patients with Type 2 Diabetes in Pudong New Area of Shanghai, China. <i>PLoS ONE</i> , 2012, 7, e46552.	1.1	31
67	Transmissibility of the highly pathogenic avian influenza virus, subtype H5N1 in domestic poultry: a spatio-temporal estimation at the global scale. <i>Geospatial Health</i> , 2012, 7, 135.	0.3	8
68	Risk signals of an influenza pandemic caused by highly pathogenic avian influenza subtype H5N1: Spatio-temporal perspectives. <i>Veterinary Journal</i> , 2012, 192, 417-421.	0.6	18
69	Schistosomiasis elimination. <i>Lancet Infectious Diseases</i> , The, 2011, 11, 345.	4.6	12
70	Nonparametric Evaluation of Dynamic Disease Risk: A Spatio-Temporal Kernel Approach. <i>PLoS ONE</i> , 2011, 6, e17381.	1.1	20
71	Spatio-Temporal Data Comparisons for Global Highly Pathogenic Avian Influenza (HPAI) H5N1 Outbreaks. <i>PLoS ONE</i> , 2010, 5, e15314.	1.1	28
72	Nonparametric spatial analysis to detect high-risk regions for schistosomiasis in Guichi, China. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2009, 103, 1045-1052.	0.7	19

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73	Comment on: The burden of polyparasitism among primary schoolchildren in rural and farming areas in Zimbabwe. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2009, 103, 857.	0.7	1
74	Location of active transmission sites of <i>Schistosoma japonicum</i> in lake and marshland regions in China. <i>Parasitology</i> , 2009, 136, 737-746.	0.7	34
75	A model for the prediction of <i>Oncomelania hupensis</i> in the lake and marshland regions, China. <i>Parasitology International</i> , 2008, 57, 121-131.	0.6	28
76	Identifying high-risk regions for schistosomiasis in Guichi, China: A spatial analysis. <i>Acta Tropica</i> , 2008, 107, 217-223.	0.9	36
77	Changing epidemiology of hemorrhagic fever with renal syndrome in Jiangsu Province, China, 1963â€“2017. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 0, , 1.	0.8	0