

Huaiyu Tian

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

5,821
citations

331259

21
h-index

288905

40
g-index

49
all docs

49
docs citations

49
times ranked

9287
citing authors

#	ARTICLE	IF	CITATIONS
1	A follow-up study shows that recovered patients with re-positive PCR test in Wuhan may not be infectious. <i>BMC Medicine</i> , 2021, 19, 77.	2.3	19
2	Association between coronavirus disease 2019 (COVID-19) and long-term exposure to air pollution: Evidence from the first epidemic wave in China. <i>Environmental Pollution</i> , 2021, 276, 116682.	3.7	33
3	The ecological dynamics of the coronavirus epidemics during transmission from outside sources when R ₀ is successfully managed below one. <i>Royal Society Open Science</i> , 2021, 8, 202234.	1.1	2
4	Associations between changes in population mobility in response to the COVID-19 pandemic and socioeconomic factors at the city level in China and country level worldwide: a retrospective, observational study. <i>The Lancet Digital Health</i> , 2021, 3, e349-e359.	5.9	35
5	Evaluating the effectiveness of control measures in multiple regions during the early phase of the COVID-19 pandemic in 2020. <i>Biosafety and Health</i> , 2021, 3, 264-275.	1.2	11
6	Assessing the impact of COVID-19 border restrictions on dengue transmission in Yunnan Province, China: an observational epidemiological and phylogenetic analysis. <i>The Lancet Regional Health - Western Pacific</i> , 2021, 14, 100259.	1.3	11
7	Crowding and the shape of COVID-19 epidemics. <i>Nature Medicine</i> , 2020, 26, 1829-1834.	15.2	204
8	Modelling COVID-19. <i>Nature Reviews Physics</i> , 2020, 2, 279-281.	11.9	174
9	Reduction of secondary transmission of SARS-CoV-2 in households by face mask use, disinfection and social distancing: a cohort study in Beijing, China. <i>BMJ Global Health</i> , 2020, 5, e002794.	2.0	382
10	Population serology for SARS-CoV-2 is essential to regional and global preparedness. <i>Lancet Microbe</i> , The, 2020, 1, e94.	3.4	4
11	The effect of human mobility and control measures on the COVID-19 epidemic in China. <i>Science</i> , 2020, 368, 493-497.	6.0	2,168
12	An investigation of transmission control measures during the first 50 days of the COVID-19 epidemic in China. <i>Science</i> , 2020, 368, 638-642.	6.0	1,554
13	Assessing the role of live poultry trade in community-structured transmission of avian influenza in China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5949-5954.	3.3	43
14	Intrinsic and extrinsic drivers of transmission dynamics of hemorrhagic fever with renal syndrome caused by Seoul hantavirus. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007757.	1.3	15
15	New evidence for the east-west spread of the highly pathogenic avian influenza H5N1 virus between Central Asian and east Asian-Australasian flyways in China. <i>Emerging Microbes and Infections</i> , 2019, 8, 823-826.	3.0	11
16	Contrasting effects of host species and phylogenetic diversity on the occurrence of HPAI H5N1 in European wild birds. <i>Journal of Animal Ecology</i> , 2019, 88, 1044-1053.	1.3	20
17	Impacts of Road Traffic Network and Socioeconomic Factors on the Diffusion of 2009 Pandemic Influenza A (H1N1) in Mainland China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1223.	1.2	35
18	The ecological dynamics of hantavirus diseases: From environmental variability to disease prevention largely based on data from China. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0006901.	1.3	58

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19	Urbanization prolongs hantavirus epidemics in cities. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4707-4712.	3.3	72
20	Spatial heterogeneity of hemorrhagic fever with renal syndrome is driven by environmental factors and rodent community composition. PLoS Neglected Tropical Diseases, 2018, 12, e0006881.	1.3	20
21	Migratory Whooper Swans <i>Cygnus cygnus</i> Transmit H5N1 Virus between China and Mongolia: Combination Evidence from Satellite Tracking and Phylogenetics Analysis. Scientific Reports, 2018, 8, 7049.	1.6	23
22	Landscape and rodent community composition are associated with risk of hemorrhagic fever with renal syndrome in two cities in China, 2006–2013. BMC Infectious Diseases, 2018, 18, 37.	1.3	24
23	Re-emerging of rabies in Shaanxi province, China, from 2009 to 2015. Journal of Medical Virology, 2017, 89, 1511-1519.	2.5	13
24	Interannual cycles of Hantaan virus outbreaks at the human–animal interface in Central China are controlled by temperature and rainfall. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8041-8046.	3.3	67
25	Using Satellite Data for the Characterization of Local Animal Reservoir Populations of Hantaan Virus on the Weihe Plain, China. Remote Sensing, 2017, 9, 1076.	1.8	7
26	Anthropogenically driven environmental changes shift the ecological dynamics of hemorrhagic fever with renal syndrome. PLoS Pathogens, 2017, 13, e1006198.	2.1	41
27	Increasing airline travel may facilitate co-circulation of multiple dengue virus serotypes in Asia. PLoS Neglected Tropical Diseases, 2017, 11, e0005694.	1.3	86
28	Surface water areas significantly impacted 2014 dengue outbreaks in Guangzhou, China. Environmental Research, 2016, 150, 299-305.	3.7	29
29	Risk analysis of H5N1 highly pathogenic avian influenza in poultry at the Poyang Lake area, China. Environmental Earth Sciences, 2016, 75, 1.	1.3	4
30	Genetic evidence for avian influenza H5N1 viral transmission along the Black Sea–Mediterranean Flyway. Journal of General Virology, 2016, 97, 2129-2134.	1.3	8
31	Persistence and transmission of avian influenza A (H5N1): virus movement, risk factors and pandemic potential. Annals of GIS, 2015, 21, 55-68.	1.4	8
32	Avian influenza H5N1 viral and bird migration networks in Asia. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 172-177.	3.3	169
33	Anthropogenic factors and societal response to challenges in the transmission of highly pathogenic avian influenza A (H5N1). Annals of GIS, 2015, 21, 149-156.	1.4	1
34	Spatial, temporal and genetic dynamics of highly pathogenic avian influenza A (H5N1) virus in China. BMC Infectious Diseases, 2015, 15, 54.	1.3	19
35	Climate change suggests a shift of H5N1 risk in migratory birds. Ecological Modelling, 2015, 306, 6-15.	1.2	23
36	Time-Specific Ecologic Niche Models Forecast the Risk of Hemorrhagic Fever with Renal Syndrome in Dongting Lake District, China, 2005–2010. PLoS ONE, 2014, 9, e106839.	1.1	15

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37	Analysis of an Outbreak of Hemorrhagic Fever with Renal Syndrome in College Students in Xi'an, China. <i>Viruses</i> , 2014, 6, 507-515.	1.5	22
38	Human Infection with Influenza Virus A(H10N8) from Live Poultry Markets, China, 2014. <i>Emerging Infectious Diseases</i> , 2014, 20, 2076-9.	2.0	94
39	Normalized difference vegetation index dynamic and spatiotemporal distribution of migratory birds in the Poyang Lake wetland, China. <i>Ecological Indicators</i> , 2014, 47, 219-230.	2.6	57
40	Impact of global change on transmission of human infectious diseases. <i>Science China Earth Sciences</i> , 2014, 57, 189-203.	2.3	57
41	Ecology and geography of hemorrhagic fever with renal syndrome in Changsha, China. <i>BMC Infectious Diseases</i> , 2013, 13, 305.	1.3	27