

# Zhihang Peng

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,014  
citations

516215

16  
h-index

500791

28  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1850  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic relationship between D-dimer and COVID-19 severity. British Journal of Haematology, 2020, 190, e24-e27.	1.2	110
2	Modeling the Epidemic Trend of the 2019 Novel Coronavirus Outbreak in China. Innovation(China), 2020, 1, 100048.	5.2	92
3	Assessing the effects of metropolitan-wide quarantine on the spread of COVID-19 in public space and households. International Journal of Infectious Diseases, 2020, 96, 503-505.	1.5	82
4	Spatiotemporal Dynamics of Hand-Foot-Mouth Disease and Its Relationship with Meteorological Factors in Jiangsu Province, China. PLoS ONE, 2015, 10, e0131311.	1.1	62
5	Estimating the generation interval and inferring the latent period of COVID-19 from the contact tracing data. Epidemics, 2021, 36, 100482.	1.5	55
6	High incidence of HIV and syphilis among migrant men who have sex with men in Beijing, China: a prospective cohort study. BMJ Open, 2014, 4, e005351-e005351.	0.8	43
7	Spatial statistical analysis of Coronavirus Disease 2019 (Covid-19) in China. Geospatial Health, 2020, 15, .	0.3	36
8	Clinical Use of Short-Course and Low-Dose Corticosteroids in Patients With Non-severe COVID-19 During Pneumonia Progression. Frontiers in Public Health, 2020, 8, 355.	1.3	34
9	Spatio-Temporal Trends and Risk Factors for Shigella from 2001 to 2011 in Jiangsu Province, People's Republic of China. PLoS ONE, 2014, 9, e83487.	1.1	31
10	Outcomes of antiretroviral treatment in HIV-infected adults: a dynamic and observational cohort study in Shenzhen, China, 2003-2014. BMJ Open, 2015, 5, e007508-e007508.	0.8	26
11	Modelling the effects of the contaminated environments on tuberculosis in Jiangsu, China. Journal of Theoretical Biology, 2021, 508, 110453.	0.8	26
12	Epidemiology of infectious diarrhoea and the relationship with etiological and meteorological factors in Jiangsu Province, China. Scientific Reports, 2019, 9, 19571.	1.6	25
13	Inferencing superspreading potential using zero-truncated negative binomial model: exemplification with COVID-19. BMC Medical Research Methodology, 2021, 21, 30.	1.4	23
14	Epidemiological and clinical characteristics of severe fever with thrombocytopenia syndrome bunyavirus human-to-human transmission. PLoS Neglected Tropical Diseases, 2021, 15, e0009037.	1.3	20
15	High prevalence of HIV among men who have sex with men in Zhejiang, China: a respondent-driven sampling survey. BMJ Open, 2015, 5, e008466.	0.8	19
16	Incidence and risk factors for AIDS-related mortality in HIV patients in China: a cross-sectional study. BMC Public Health, 2014, 14, 831.	1.2	17
17	Prevalence of overweight and obesity among primary school-aged children in Jiangsu Province, China, 2014-2017. PLoS ONE, 2018, 13, e0202681.	1.1	16
18	The Factors Related to CD4+ T-Cell Recovery and Viral Suppression in Patients Who Have Low CD4+ T Cell Counts at the Initiation of HAART: A Retrospective Study of the National HIV Treatment Sub-Database of Zhejiang Province, China, 2014. PLoS ONE, 2016, 11, e0148915.	1.1	16

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19	Real-time estimation of the reproduction number of the novel coronavirus disease (COVID-19) in China in 2020 based on incidence data. <i>Annals of Translational Medicine</i> , 2020, 8, 689-689.	0.7	15
20	COVID-19 outbreak following a single patient exposure at an entertainment site: An epidemiological study. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 773-781.	1.3	15
21	Prevalence and risk factors of HIV and syphilis, and knowledge and risk behaviors related to HIV/AIDS among men who have sex with men in Chongqing, China. <i>Journal of Biomedical Research</i> , 2016, 30, 101-111.	0.7	15
22	HIV Incidence and Predictors Associated with Retention in a Cohort of Men Who have Sex with Men in Yangzhou, Jiangsu Province, China. <i>PLoS ONE</i> , 2012, 7, e52731.	1.1	14
23	The Spatial Analysis on Hemorrhagic Fever with Renal Syndrome in Jiangsu Province, China Based on Geographic Information System. <i>PLoS ONE</i> , 2014, 9, e83848.	1.1	14
24	A novel polymorphism near HLA class II region is associated with spontaneous clearance of HCV and response to interferon treatment in Chinese patients. <i>Journal of Human Genetics</i> , 2016, 61, 301-305.	1.1	12
25	Preliminary fast diagnosis of severe fever with thrombocytopenia syndrome with clinical and epidemiological parameters. <i>PLoS ONE</i> , 2017, 12, e0180256.	1.1	12
26	Effect of Poor Nutritional Status and Comorbidities on the Occurrence and Outcome of Pneumonia in Elderly Adults. <i>Frontiers in Medicine</i> , 2021, 8, 719530.	1.2	12
27	HIV Prevalence and Associated Factors among Foreign Brides from Burma in Yunnan Province, China. <i>PLoS ONE</i> , 2014, 9, e115599.	1.1	11
28	Linking key intervention timings to rapid declining effective reproduction number to quantify lessons against COVID-19. <i>Frontiers of Medicine</i> , 2020, 14, 623-629.	1.5	11
29	Associations of IFN- $\gamma$ rs2430561 T/A, IL28B rs12979860 C/T and ER $\alpha$ rs2077647 T/C polymorphisms with outcomes of hepatitis B virus infection: a meta-analysis. <i>Journal of Biomedical Research</i> , 2014, 28, 484.	0.7	11
30	Immunity and coagulation and fibrinolytic processes may reduce the risk of severe illness in pregnant women with coronavirus disease 2019. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 224, 393.e1-393.e25.	0.7	9
31	Early HAART Initiation May Not Reduce Actual Reproduction Number and Prevalence of MSM Infection: Perspectives from Coupled within- and between-Host Modelling Studies of Chinese MSM Populations. <i>PLoS ONE</i> , 2016, 11, e0150513.	1.1	9
32	A mathematical model for HIV prevention and control among men who have sex with men in China. <i>Epidemiology and Infection</i> , 2020, 148, e224.	1.0	8
33	Evaluating the impact of the travel ban within mainland China on the epidemic of the COVID-19. <i>International Journal of Infectious Diseases</i> , 2021, 107, 278-283.	1.5	8
34	Analysis on the trend of AIDS incidence in Zhejiang, China based on the age-period-cohort model (2004-2018). <i>BMC Public Health</i> , 2021, 21, 1077.	1.2	8
35	Metagenomic Next-Generation Sequencing vs. Traditional Microbiological Tests for Diagnosing Varicella-Zoster Virus Central Nervous System Infection. <i>Frontiers in Public Health</i> , 2021, 9, 738412.	1.3	8
36	Cost-effectiveness of oral pre-exposure prophylaxis and expanded antiretroviral therapy for preventing HIV infections in the presence of drug resistance among men who have sex with men in China: A mathematical modelling study. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 23, 100462.	1.3	8

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37	Personalized life expectancy and treatment benefit index of antiretroviral therapy. <i>Theoretical Biology and Medical Modelling</i> , 2017, 14, 1.	2.1	7
38	Impact of interventions on the incidence of natural focal diseases during the outbreak of COVID-19 in Jiangsu Province, China. <i>Parasites and Vectors</i> , 2021, 14, 483.	1.0	7
39	Sex-specific association of estrogen receptor 2 polymorphisms with hepatitis C virus infection outcomes in a high-risk Chinese Han population. <i>Infection, Genetics and Evolution</i> , 2014, 28, 118-124.	1.0	6
40	Frequent implementation of interventions may increase HIV infections among MSM in China. <i>Scientific Reports</i> , 2018, 8, 451.	1.6	6
41	Assessment of the cancerization risk for oral potentially malignant disorders by clinical risk model combined with autofluorescence and brush biopsy with DNA-image cytometry. <i>European Archives of Oto-Rhino-Laryngology</i> , 2019, 276, 2549-2557.	0.8	6
42	Initial COVID-19 Transmissibility and Three Gaseous Air Pollutants (NO <sub>2</sub> , SO <sub>2</sub> , and CO): A Nationwide Ecological Study in China. <i>Frontiers in Medicine</i> , 2020, 7, 575839.	1.2	6
43	Non-invasive embryo selection strategy for clinical IVF to avoid wastage of potentially competent embryos. <i>Reproductive BioMedicine Online</i> , 2022, 45, 26-34.	1.1	6
44	An analysis on the trend of AIDS/HIV incidence in Chongqing and Shenzhen, China from 2005 to 2015 based on Age-Period-Cohort model. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 6961-6977.	1.0	5
45	Construction and Clinical Translation of Causal Pan-Cancer Gene Score Across Cancer Types. <i>Frontiers in Genetics</i> , 2021, 12, 784775.	1.1	5
46	Underlying Cryptococcal Diseases and the Correlation With Serum Cryptococcal Antigen Titers in Hospitalized HIV-Infected Patients Screened Positive for Cryptococcal Antigenemia. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 170.	1.8	4
47	A Noninvasive Prediction Model for Hepatitis B Virus Disease in Patients with HIV: Based on the Population of Jiangsu, China. <i>BioMed Research International</i> , 2021, 2021, 1-12.	0.9	4
48	Construction and validation of a prognostic nomogram for predicting the survival of HIV/AIDS adults who received antiretroviral therapy: a cohort between 2003 and 2019 in Nanjing. <i>BMC Public Health</i> , 2022, 22, 30.	1.2	4
49	Long-Term Effectiveness of Antiretroviral Therapy in China: An Observational Cohort Study from 2003 to 2014. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 8762-8772.	1.2	3
50	Tibetan Medicated Bathing Therapy for Patients With Post-stroke Limb Spasticity: A Randomized Controlled Clinical Trial. <i>Journal of the American Medical Directors Association</i> , 2020, 21, 374-380.e4.	1.2	3
51	Dynamics of a stochastic HBV infection model with drug therapy and immune response. <i>Mathematical Biosciences and Engineering</i> , 2022, 19, 7570-7585.	1.0	3
52	Epidemiology of 631 Cases of COVID-19 Identified in Jiangsu Province Between January 1st and March 20th 2020: Factors Associated with Disease Severity and Analysis of Zero Mortality. <i>Medical Science Monitor</i> , 2021, 27, e929986.	0.5	2
53	A tentative assessment of the changes in transmissibility and fatality risk associated with Beta SARS-CoV-2 variants in South Africa: an ecological study. <i>Pathogens and Global Health</i> , 2021, , 1-3.	1.0	2
54	Environmental sampling of the severe acute respiratory syndrome coronavirus 2 Delta variant in the inpatient wards of a hospital in Nanjing. <i>Annals of Translational Medicine</i> , 2021, 9, 0-0.	0.7	1

#	ARTICLE	IF	CITATIONS
55	Vaccine failure, seasonality and demographic changes associate with mumps outbreaks in Jiangsu Province, China: Age-structured mathematical modelling study. <i>Journal of Theoretical Biology</i> , 2022, 544, 111125.	0.8	1