

Wenfei Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

3,965
citations

279798

23
h-index

182427

51
g-index

54
all docs

54
docs citations

54
times ranked

4742
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Infection with a Novel Avian-Origin Influenza A (H7N9) Virus. <i>New England Journal of Medicine</i> , 2013, 368, 1888-1897.	27.0	2,122
2	Biological features of novel avian influenza A (H7N9) virus. <i>Nature</i> , 2013, 499, 500-503.	27.8	340
3	Genesis and Spread of Newly Emerged Highly Pathogenic H7N9 Avian Viruses in Mainland China. <i>Journal of Virology</i> , 2017, 91, .	3.4	104
4	Biological characterisation of the emerged highly pathogenic avian influenza (HPAI) A(H7N9) viruses in humans, in mainland China, 2016 to 2017. <i>Eurosurveillance</i> , 2017, 22, .	7.0	103
5	Objectively Measured Physical Activity and Cognitive Function in Older Adults. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 47-53.	0.4	94
6	Two Outbreak Sources of Influenza A (H7N9) Viruses Have Been Established in China. <i>Journal of Virology</i> , 2016, 90, 5561-5573.	3.4	92
7	Association between Physical Activity and Mood States of Children and Adolescents in Social Isolation during the COVID-19 Epidemic. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7666.	2.6	84
8	Dual E627K and D701N mutations in the PB2 protein of A(H7N9) influenza virus increased its virulence in mammalian models. <i>Scientific Reports</i> , 2015, 5, 14170.	3.3	66
9	Is Physical Activity Associated with Mental Health among Chinese Adolescents during Isolation in COVID-19 Pandemic?. <i>Journal of Epidemiology and Global Health</i> , 2021, 11, 26.	2.9	66
10	Physical activity among older Chinese adults living in urban and rural areas: A review. <i>Journal of Sport and Health Science</i> , 2016, 5, 281-286.	6.5	59
11	Genesis and Dissemination of Highly Pathogenic H5N6 Avian Influenza Viruses. <i>Journal of Virology</i> , 2017, 91, .	3.4	57
12	Association Between Objectively Measured Physical Activity and Cognitive Function in Older Adultsâ€”The Reasons for Geographic and Racial Differences in Stroke Study. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 2447-2454.	2.6	55
13	The re-emergence of highly pathogenic avian influenza H7N9 viruses in humans in mainland China, 2019. <i>Eurosurveillance</i> , 2019, 24, .	7.0	49
14	Accelerometer measured sedentary behavior and physical activity in white and black adults: The REGARDS study. <i>Journal of Science and Medicine in Sport</i> , 2016, 19, 336-341.	1.3	47
15	Exercise Training Alleviates Cardiac Fibrosis through Increasing Fibroblast Growth Factor 21 and Regulating TGF-Î²1-Smad2/3-MMP2/9 Signaling in Mice with Myocardial Infarction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12341.	4.1	42
16	Reassortant Eurasian Avian-Like Influenza A(H1N1) Virus from a Severely Ill Child, Hunan Province, China, 2015. <i>Emerging Infectious Diseases</i> , 2016, 22, 1930-1936.	4.3	39
17	The Epidemiology, Virology, and Pathogenicity of Human Infections with Avian Influenza Viruses. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2021, 11, a038620.	6.2	37
18	A Gene Constellation in Avian Influenza A (H7N9) Viruses May Have Facilitated the Fifth Wave Outbreak in China. <i>Cell Reports</i> , 2018, 23, 909-917.	6.4	33

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19	Long-term effects of sit-stand workstations on workplace sitting: A natural experiment. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 811-816.	1.3	33
20	Online versus in-person comparison of Microscale Audit of Pedestrian Streetscapes (MAPS) assessments: reliability of alternate methods. <i>International Journal of Health Geographics</i> , 2017, 16, 27.	2.5	31
21	The late swing and early stance of sprinting are most hazardous for hamstring injuries. <i>Journal of Sport and Health Science</i> , 2017, 6, 133-136.	6.5	30
22	Human infections with novel reassortant H5N6 avian influenza viruses in China. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-2.	6.5	27
23	Comparison of field and online observations for measuring land uses using the Microscale Audit of Pedestrian Streetscapes (MAPS). <i>Journal of Transport and Health</i> , 2016, 3, 278-286.	2.2	26
24	Reliability between online raters with varying familiarities of a region: Microscale Audit of Pedestrian Streetscapes (MAPS). <i>Landscape and Urban Planning</i> , 2017, 167, 240-248.	7.5	24
25	Residues 41V and/or 210D in the NP protein enhance polymerase activities and potential replication of novel influenza (H7N9) viruses at low temperature. <i>Virology Journal</i> , 2015, 12, 71.	3.4	22
26	A reporter system for assaying influenza virus RNP functionality based on secreted <i>Gaussia luciferase</i> activity. <i>Virology Journal</i> , 2011, 8, 29.	3.4	21
27	Mammalian-adaptive mutation NP-Q357K in Eurasian H1N1 Swine Influenza viruses determines the virulence phenotype in mice. <i>Emerging Microbes and Infections</i> , 2019, 8, 989-999.	6.5	21
28	Genetic tuning of avian influenza A (H7N9) virus promotes viral fitness within different species. <i>Microbes and Infection</i> , 2015, 17, 118-122.	1.9	19
29	<sc>NS</sc>90 is a novel influenza A virus <sc>NS</sc>1 interacting protein that antagonizes the inhibitory role of <sc>NS</sc>1 on <sc>PKR</sc> phosphorylation. <i>FEBS Letters</i> , 2016, 590, 2797-2810.	2.8	19
30	Simultaneous virus identification and characterization of severe unexplained pneumonia cases using a metagenomics sequencing technique. <i>Science China Life Sciences</i> , 2017, 60, 279-286.	4.9	18
31	Substitution of D701N in the PB2 protein could enhance the viral replication and pathogenicity of Eurasian avian-like H1N1 swine influenza viruses. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-10.	6.5	18
32	China's challenges in promoting physical activity and fitness. <i>Lancet, The</i> , 2016, 388, 1278-1279.	13.7	16
33	Characterization of a protein-bound polysaccharide from <i>Herba Epimedii</i> and its metabolic mechanism in chronic fatigue syndrome. <i>Journal of Ethnopharmacology</i> , 2017, 203, 241-251.	4.1	16
34	Association of Built Environment with Physical Activity and Physical Fitness in Men and Women Living inside the City Wall of Xi'an, China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4940.	2.6	15
35	Epidemiology and Genotypic Diversity of Eurasian Avian-Like H1N1 Swine Influenza Viruses in China. <i>Virologica Sinica</i> , 2021, 36, 43-51.	3.0	14
36	Evaluating the fall risk among elderly population by choice step reaction test. <i>Clinical Interventions in Aging</i> , 2016, Volume 11, 1075-1082.	2.9	13

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37	Sustained live poultry market surveillance contributes to early warnings for human infection with avian influenza viruses. <i>Emerging Microbes and Infections</i> , 2016, 5, 1-8.	6.5	12
38	Is adiposity associated with objectively measured physical activity and sedentary behaviors in older adults?. <i>BMC Geriatrics</i> , 2020, 20, 257.	2.7	12
39	Transmissibility of the Influenza Virus during Influenza Outbreaks and Related Asymptomatic Infection in Mainland China, 2005-2013. <i>PLoS ONE</i> , 2016, 11, e0166180.	2.5	12
40	Objectively Measured Physical Activity Is Associated with Static Balance in Young Adults. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10787.	2.6	12
41	Comments to "Mechanism of hamstring muscle strain injury in sprinting" by Yu et al.. <i>Journal of Sport and Health Science</i> , 2017, 6, 139-140.	6.5	8
42	Did the Highly Pathogenic Avian Influenza A(H7N9) Viruses Emerged in China Raise Increased Threat to Public Health?. <i>Vector-Borne and Zoonotic Diseases</i> , 2019, 19, 22-25.	1.5	8
43	Imported pigs may have introduced the first classical swine influenza viruses into Mainland China. <i>Infection, Genetics and Evolution</i> , 2013, 17, 142-146.	2.3	6
44	The Effects of Active Video Game Exercise Based on Self-Determination Theory on Physical Fitness and Cognitive Function in Older Adults. <i>Journal of Clinical Medicine</i> , 2022, 11, 3984.	2.4	5
45	Correlation between Campus-Built Environment and Physical Fitness in College Students in Xi'an: A GIS Approach. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7948.	2.6	4
46	The repeated introduction of the H3N2 virus from human to swine during 1979-1993 in China. <i>Infection, Genetics and Evolution</i> , 2015, 33, 20-24.	2.3	3
47	Fatal <i>Aeromonas</i> bacteraemia in West Africa. <i>Journal of Infection</i> , 2016, 72, 258-260.	3.3	3
48	A single N342D substitution in Influenza B Virus NA protein determines viral pathogenicity in mice. <i>Emerging Microbes and Infections</i> , 2020, 9, 1853-1863.	6.5	3
49	Association of Physical Activity and Sedentary Behaviors with the Risk of Refractive Error in Chinese Urban/Rural Boys and Girls. <i>Sustainability</i> , 2022, 14, 5539.	3.2	3
50	Hemagglutinin stem reactive antibody response in individuals immunized with a seasonal influenza trivalent vaccine. <i>Protein and Cell</i> , 2015, 6, 453-457.	11.0	1
51	The substitution V379I in PA protein attenuates the pathogenicity of influenza A (H1N1) pdm09 viruses in mice. <i>Science China Life Sciences</i> , 2017, 60, 1044-1046.	4.9	1