

# Mark Zanin

## List of Publications by Year in descending order

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38  
papers

2,748  
citations

430874  
18  
h-index

330143  
37  
g-index

38  
all docs

38  
docs citations

38  
times ranked

5368  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified SEIR and AI prediction of the epidemics trend of COVID-19 in China under public health interventions. <i>Journal of Thoracic Disease</i> , 2020, 12, 165-174.	1.4	1,128
2	Clinical characteristics and outcomes of hospitalised patients with COVID-19 treated in Hubei (epicentre) and outside Hubei (non-epicentre): a nationwide analysis of China. <i>European Respiratory Journal</i> , 2020, 55, 2000562.	6.7	261
3	The Interaction between Respiratory Pathogens and Mucus. <i>Cell Host and Microbe</i> , 2016, 19, 159-168.	11.0	221
4	Early triage of critically ill COVID-19 patients using deep learning. <i>Nature Communications</i> , 2020, 11, 3543.	12.8	198
5	N348I in the Connection Domain of HIV-1 Reverse Transcriptase Confers Zidovudine and Nevirapine Resistance. <i>PLoS Medicine</i> , 2007, 4, e335.	8.4	151
6	Structure Activity Relationship of Dendrimer Microbicides with Dual Action Antiviral Activity. <i>PLoS ONE</i> , 2010, 5, e12309.	2.5	147
7	Induction of Microglia Activation after Infection with the Non-Neurotropic A/CA/04/2009 H1N1 Influenza Virus. <i>PLoS ONE</i> , 2015, 10, e0124047.	2.5	77
8	Phosphatidylinositol(4,5)bispophosphate coordinates actin-mediated mobilization and translocation of secretory vesicles to the plasma membrane of chromaffin cells. <i>Nature Communications</i> , 2011, 2, 491.	12.8	72
9	SARS-CoV-2 environmental contamination associated with persistently infected COVID-19 patients. <i>Influenza and Other Respiratory Viruses</i> , 2020, 14, 688-699.	3.4	65
10	Aurantiamide acetate from baphicacanthus cusia root exhibits anti-inflammatory and anti-viral effects via inhibition of the NF- $\kappa$ B signaling pathway in Influenza A virus-infected cells. <i>Journal of Ethnopharmacology</i> , 2017, 199, 60-67.	4.1	60
11	Unique Determinants of Neuraminidase Inhibitor Resistance among N3, N7, and N9 Avian Influenza Viruses. <i>Journal of Virology</i> , 2015, 89, 10891-10900.	3.4	43
12	Pandemic Swine H1N1 Influenza Viruses with Almost Undetectable Neuraminidase Activity Are Not Transmitted via Aerosols in Ferrets and Are Inhibited by Human Mucus but Not Swine Mucus. <i>Journal of Virology</i> , 2015, 89, 5935-5948.	3.4	36
13	Antivirals Targeting the Surface Glycoproteins of Influenza Virus: Mechanisms of Action and Resistance. <i>Viruses</i> , 2021, 13, 624.	3.3	29
14	The public health response to the COVID-19 outbreak in mainland China: a narrative review. <i>Journal of Thoracic Disease</i> , 2020, 12, 4434-4449.	1.4	25
15	Molecular basis of mammalian transmissibility of avian H1N1 influenza viruses and their pandemic potential. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11217-11222.	7.1	24
16	The tree shrew as a model for infectious diseases research. <i>Journal of Thoracic Disease</i> , 2018, 10, S2272-S2279.	1.4	21
17	Impact of Adjuvants on the Immunogenicity and Efficacy of Split-Virion H7N9 Vaccine in Ferrets. <i>Journal of Infectious Diseases</i> , 2015, 212, 542-551.	4.0	19
18	The immune correlates of protection for an avian influenza H5N1 vaccine in the ferret model using oil-in-water adjuvants. <i>Scientific Reports</i> , 2017, 7, 44727.	3.3	19

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19	An Amino Acid in the Stalk Domain of N1 Neuraminidase Is Critical for Enzymatic Activity. <i>Journal of Virology</i> , 2017, 91, .	3.4	18
20	Characterization of an H4N2 influenza virus from Quails with a multibasic motif in the hemagglutinin cleavage site. <i>Virology</i> , 2014, 468-470, 72-80.	2.4	14
21	Possible basis for the emergence of H1N1 viruses with pandemic potential from avian hosts. <i>Emerging Microbes and Infections</i> , 2015, 4, 1-10.	6.5	14
22	Potential for Low-Pathogenic Avian H7 Influenza A Viruses To Replicate and Cause Disease in a Mammalian Model. <i>Journal of Virology</i> , 2017, 91, .	3.4	14
23	H5N1 influenza vaccine induces a less robust neutralizing antibody response than seasonal trivalent and H7N9 influenza vaccines. <i>Npj Vaccines</i> , 2017, 2, 16.	6.0	12
24	An Anti-H5N1 Influenza Virus FcDART Antibody Is a Highly Efficacious Therapeutic Agent and Prophylactic against H5N1 Influenza Virus Infection. <i>Journal of Virology</i> , 2015, 89, 4549-4561.	3.4	11
25	Serosurvey of SARS-CoV-2 among hospital visitors in China. <i>Cell Research</i> , 2020, 30, 817-818.	12.0	11
26	The tree shrew is a promising model for the study of influenza B virus infection. <i>Virology Journal</i> , 2019, 16, 77.	3.4	10
27	Histone Deacetylase 6 Knockout Mice Exhibit Higher Susceptibility to Influenza A Virus Infection. <i>Viruses</i> , 2020, 12, 728.	3.3	10
28	Severe acute respiratory syndrome coronavirus 2 and influenza A virus co-infection alters viral tropism and haematological composition in Syrian hamsters. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	3.0	7
29	Subtype H3N2 Influenza A Viruses: An Unmet Challenge in the Western Pacific. <i>Vaccines</i> , 2022, 10, 112.	4.4	6
30	Antibody Responsiveness to Influenza: What Drives It?. <i>Viruses</i> , 2021, 13, 1400.	3.3	5
31	G45R mutation in the nonstructural protein 1 of A/Puerto Rico/8/1934 (H1N1) enhances viral replication independent of dsRNA-binding activity and type I interferon biology. <i>Virology Journal</i> , 2016, 13, 127.	3.4	4
32	Human post-infection serological response to the spike and nucleocapsid proteins of SARS-CoV-2. <i>Influenza and Other Respiratory Viruses</i> , 2021, 15, 7-12.	3.4	4
33	Activated CD4+ T cells and CD14hiCD16+ monocytes correlate with antibody response following influenza virus infection in humans. <i>Cell Reports Medicine</i> , 2021, 2, 100237.	6.5	4
34	G45R on nonstructural protein 1 of influenza A virus contributes to virulence by increasing the expression of proinflammatory cytokines in mice. <i>Archives of Virology</i> , 2017, 162, 45-55.	2.1	3
35	Addendum: Early triage of critically ill COVID-19 patients using deep learning. <i>Nature Communications</i> , 2021, 12, 826.	12.8	3
36	Live-attenuated H7N9 influenza vaccine is weak, yet strong. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 266-267.	9.1	1

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37	Seroprevalence of Antibodies to SARS-CoV-2 in Guangdong Province, China between March to June 2020. Pathogens, 2021, 10, 1505.	2.8	1
38	Diagnostic performance and clinical feasibility of a novel one-step RT-qPCR assay for simultaneous detection of multiple severe acute respiratory syndrome coronaviruses. Archives of Virology, 2022, 167, 871.	2.1	0