

Michael J. Mina

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

5,872
citations

186265
28
h-index

189892
50
g-index

69
all docs

69
docs citations

69
times ranked

8987
citing authors

#	ARTICLE	IF	CITATIONS
1	Longitudinal analysis reveals high prevalence of Epstein-Barr virus associated with multiple sclerosis. <i>Science</i> , 2022, 375, 296-301.	12.6	892
2	Test sensitivity is secondary to frequency and turnaround time for COVID-19 screening. <i>Science Advances</i> , 2021, 7, .	10.3	889
3	Rethinking Covid-19 Test Sensitivity â€” A Strategy for Containment. <i>New England Journal of Medicine</i> , 2020, 383, e120.	27.0	648
4	To Interpret the SARS-CoV-2 Test, Consider the Cycle Threshold Value. <i>Clinical Infectious Diseases</i> , 2020, 71, 2252-2254.	5.8	323
5	Long-term measles-induced immunomodulation increases overall childhood infectious disease mortality. <i>Science</i> , 2015, 348, 694-699.	12.6	319
6	Measles virus infection diminishes preexisting antibodies that offer protection from other pathogens. <i>Science</i> , 2019, 366, 599-606.	12.6	294
7	Immune life history, vaccination, and the dynamics of SARS-CoV-2 over the next 5 years. <i>Science</i> , 2020, 370, 811-818.	12.6	210
8	Epidemiological and evolutionary considerations of SARS-CoV-2 vaccine dosing regimes. <i>Science</i> , 2021, 372, 363-370.	12.6	185
9	COVID-19 testing: One size does not fit all. <i>Science</i> , 2021, 371, 126-127.	12.6	159
10	Estimating epidemiologic dynamics from cross-sectional viral load distributions. <i>Science</i> , 2021, 373, .	12.6	148
11	Clarifying the evidence on SARS-CoV-2 antigen rapid tests in public health responses to COVID-19. <i>Lancet</i> , The, 2021, 397, 1425-1427.	13.7	143
12	Serology for SARS-CoV-2: Apprehensions, opportunities, and the path forward. <i>Science Immunology</i> , 2020, 5, .	11.9	138
13	Live Attenuated Influenza Vaccine Enhances Colonization of <i>Streptococcus pneumoniae</i> and <i>Staphylococcus aureus</i> in Mice. <i>MBio</i> , 2014, 5, .	4.1	83
14	Drivers of airborne human-to-human pathogen transmission. <i>Current Opinion in Virology</i> , 2017, 22, 22-29.	5.4	81
15	Vaccine nationalism and the dynamics and control of SARS-CoV-2. <i>Science</i> , 2021, 373, eabj7364.	12.6	80
16	Structural basis for antibody inhibition of flavivirus NS1â€™triggered endothelial dysfunction. <i>Science</i> , 2021, 371, 194-200.	12.6	74
17	The role of influenza in the severity and transmission of respiratory bacterial disease. <i>Lancet Respiratory Medicine</i> , the, 2014, 2, 750-763.	10.7	62
18	Estimation of Transmission of COVID-19 in Simulated Nursing Homes With Frequent Testing and Immunity-Based Staffing. <i>JAMA Network Open</i> , 2021, 4, e2110071.	5.9	55

#	ARTICLE	IF	CITATIONS
19	A Global Immunological Observatory to meet a time of pandemics. <i>ELife</i> , 2020, 9, .	6.0	52
20	Antibody testing will enhance the power and accuracy of COVID-19-prevention trials. <i>Nature Medicine</i> , 2020, 26, 818-819.	30.7	45
21	Live Attenuated Influenza Vaccine, But Not Pneumococcal Conjugate Vaccine, Protects Against Increased Density and Duration of Pneumococcal Carriage After Influenza Infection in Pneumococcal Colonized Mice. <i>Journal of Infectious Diseases</i> , 2013, 208, 1281-1285.	4.0	43
22	Using viral load and epidemic dynamics to optimize pooled testing in resource-constrained settings. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	42
23	Measles, immune suppression and vaccination: direct and indirect nonspecific vaccine benefits. <i>Journal of Infection</i> , 2017, 74, S10-S17.	3.3	41
24	Base deficit as a marker of survival after traumatic injury. <i>Journal of Trauma</i> , 2012, 72, 844-851.	2.3	38
25	Impact and longevity of measles-associated immune suppression: a matched cohort study using data from the THIN general practice database in the UK. <i>BMJ Open</i> , 2018, 8, e021465.	1.9	38
26	The potential impact of coinfection on antimicrobial chemotherapy and drug resistance. <i>Trends in Microbiology</i> , 2015, 23, 537-544.	7.7	36
27	Estimating internationally imported cases during the early COVID-19 pandemic. <i>Nature Communications</i> , 2021, 12, 311.	12.8	35
28	Factors affecting mortality after penetrating cardiac injuries: 10-year experience at urban level I trauma center. <i>American Journal of Surgery</i> , 2017, 213, 1109-1115.	1.8	33
29	Long-term survival following in-hospital cardiac arrest: A matched cohort study. <i>Resuscitation</i> , 2016, 99, 72-78.	3.0	31
30	Mathematical Modeling to Inform Vaccination Strategies and Testing Approaches for Coronavirus Disease 2019 (COVID-19) in Nursing Homes. <i>Clinical Infectious Diseases</i> , 2022, 74, 597-603.	5.8	29
31	Natural selection contributed to immunological differences between hunter-gatherers and agriculturalists. <i>Nature Ecology and Evolution</i> , 2019, 3, 1253-1264.	7.8	28
32	Let technology do the work. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 75, 669-675.	2.1	27
33	Recalibrating SARS-CoV-2 Antigen Rapid Lateral Flow Test Relative Sensitivity from Validation Studies to Absolute Sensitivity for Indicating Individuals Shedding Transmissible Virus. <i>Clinical Epidemiology</i> , 2021, Volume 13, 935-940.	3.0	27
34	Waning immunity and re-emergence of measles and mumps in the vaccine era. <i>Current Opinion in Virology</i> , 2020, 40, 48-54.	5.4	26
35	Live Attenuated Influenza Virus Increases Pneumococcal Translocation and Persistence Within the Middle Ear. <i>Journal of Infectious Diseases</i> , 2015, 212, 195-201.	4.0	21
36	Pathogen Replication, Host Inflammation, and Disease in the Upper Respiratory Tract. <i>Infection and Immunity</i> , 2013, 81, 625-628.	2.2	15

#	ARTICLE	IF	CITATIONS
37	Opportunities and challenges of a World Serum Bank – Authors' reply. <i>Lancet, The</i> , 2017, 389, 252.	13.7	12
38	Modeling the measles paradox reveals the importance of cellular immunity in regulating viral clearance. <i>PLoS Pathogens</i> , 2018, 14, e1007493.	4.7	11
39	Passive immunity for the treatment of influenza: quality not quantity. <i>Lancet Respiratory Medicine</i> , 2019, 7, 922-923.	10.7	11
40	Measles vaccine immune escape: Should we be concerned?. <i>European Journal of Epidemiology</i> , 2019, 34, 893-896.	5.7	10
41	Immune age and biological age as determinants of vaccine responsiveness among elderly populations: the Human Immunomics Initiative research program. <i>European Journal of Epidemiology</i> , 2021, 36, 753-762.	5.7	9
42	Generalized herd effects and vaccine evaluation: impact of live influenza vaccine on off-target bacterial colonisation. <i>Journal of Infection</i> , 2017, 74, S101-S107.	3.3	8
43	Predicting the need for massive transfusion: Prospective validation of a smartphone-based clinical decision support tool. <i>Surgery</i> , 2021, 170, 1574-1580.	1.9	7
44	Response to Comment on – Long-term measles-induced immunomodulation increases overall childhood infectious disease mortality. <i>Science</i> , 2019, 365, .	12.6	7
45	Reply to – No Clinical Association of Live Attenuated Influenza Vaccine with Nasal Carriage of Bacteria or Acute Otitis Media. Specific Recommendations for Future Studies. <i>MBio</i> , 2014, 5, e01173-14.	4.1	4
46	Assessment of CD52 expression in "double-hit" and "double-expressor" lymphomas: Implications for clinical trial eligibility. <i>PLoS ONE</i> , 2018, 13, e0199708.	2.5	4
47	Assessing the Effects of Measles Virus Infections on Childhood Infectious Disease Mortality in Brazil. <i>Journal of Infectious Diseases</i> , 2022, 227, 133-140.	4.0	4
48	Partial immunity and SARS-CoV-2 mutations – Response. <i>Science</i> , 2021, 372, 354-355.	12.6	2
49	Development of at-home sample collection logistics for large-scale seroprevalence studies. <i>PLoS ONE</i> , 2021, 16, e0258516.	2.5	2
50	TIPICO XI: report of the first series and podcast on infectious diseases and vaccines (aTIPICO). <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 4299-4327.	3.3	0