Joseph R Fauver

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Longitudinal analyses reveal immunological misfiring in severe COVID-19. Nature, 2020, 584, 463-469.	27.8	1,710
2	Analytical sensitivity and efficiency comparisons of SARS-CoV-2 RT–qPCR primer–probe sets. Nature Microbiology, 2020, 5, 1299-1305.	13.3	661
3	SARS–CoV-2 infection of the placenta. Journal of Clinical Investigation, 2020, 130, 4947-4953.	8.2	387
4	Coast-to-Coast Spread of SARS-CoV-2 during the Early Epidemic in the United States. Cell, 2020, 181, 990-996.e5.	28.9	321
5	Genomic epidemiology reveals multiple introductions of Zika virus into the United States. Nature, 2017, 546, 401-405.	27.8	298
6	Viral Dynamics of SARS-CoV-2 Variants in Vaccinated and Unvaccinated Persons. New England Journal of Medicine, 2021, 385, 2489-2491.	27.0	216
7	SalivaDirect: A simplified and flexible platform to enhance SARS-CoV-2 testing capacity. Med, 2021, 2, 263-280.e6.	4.4	211
8	Multiplex qPCR discriminates variants of concern to enhance global surveillance of SARS-CoV-2. PLoS Biology, 2021, 19, e3001236.	5.6	200
9	Impact of circulating SARS-CoV-2 variants on mRNA vaccine-induced immunity. Nature, 2021, 600, 523-529.	27.8	194
10	Delayed production of neutralizing antibodies correlates with fatal COVID-19. Nature Medicine, 2021, 27, 1178-1186.	30.7	183
11	Vector Competence of American Mosquitoes for Three Strains of Zika Virus. PLoS Neglected Tropical Diseases, 2016, 10, e0005101.	3.0	172
12	Impact of simultaneous exposure to arboviruses on infection and transmission by Aedes aegypti mosquitoes. Nature Communications, 2017, 8, 15412.	12.8	164
13	Public health actions to control new SARS-CoV-2 variants. Cell, 2021, 184, 1127-1132.	28.9	149
14	Viral dynamics of acute SARS-CoV-2 infection and applications to diagnostic and public health strategies. PLoS Biology, 2021, 19, e3001333.	5.6	133
15	Genetic Drift during Systemic Arbovirus Infection of Mosquito Vectors Leads to Decreased Relative Fitness during Host Switching. Cell Host and Microbe, 2016, 19, 481-492.	11.0	125
16	Early introductions and transmission of SARS-CoV-2 variant B.1.1.7 in the United States. Cell, 2021, 184, 2595-2604.e13.	28.9	113
17	West African Anopheles gambiae mosquitoes harbor a taxonomically diverse virome including new insect-specific flaviviruses, mononegaviruses, and totiviruses. Virology, 2016, 498, 288-299.	2.4	112
18	Acute encephalopathy with elevated CSF inflammatory markers as the initial presentation of COVID-19. BMC Neurology, 2020, 20, 248.	1.8	108

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19	Comparative transmissibility of SARS-CoV-2 variants Delta and Alpha in New England, USA. Cell Reports Medicine, 2022, 3, 100583.	6.5	101
20	Rapid and specific detection of Asian- and African-lineage Zika viruses. Science Translational Medicine, 2017, 9, .	12.4	86
21	Mosquitoes Transmit Unique West Nile Virus Populations during Each Feeding Episode. Cell Reports, 2017, 19, 709-718.	6.4	67
22	Rapid emergence of SARS-CoV-2 Omicron variant is associated with an infection advantage over Delta in vaccinated persons. Med, 2022, 3, 325-334.e4.	4.4	60
23	Experimental Evolution of an RNA Virus in Wild Birds: Evidence for Host-Dependent Impacts on Population Structure and Competitive Fitness. PLoS Pathogens, 2015, 11, e1004874.	4.7	51
24	A stem-loop RNA RIG-I agonist protects against acute and chronic SARS-CoV-2 infection in mice. Journal of Experimental Medicine, 2022, 219, .	8.5	46
25	American Aedes vexans Mosquitoes are Competent Vectors of Zika Virus. American Journal of Tropical Medicine and Hygiene, 2017, 96, 1338-1340.	1.4	44
26	Lying in wait: the resurgence of dengue virus after the Zika epidemic in Brazil. Nature Communications, 2021, 12, 2619.	12.8	43
27	Variation in competence for ZIKV transmission by Aedes aegypti and Aedes albopictus in Mexico. PLoS Neglected Tropical Diseases, 2018, 12, e0006599.	3.0	36
28	The Use of Xenosurveillance to Detect Human Bacteria, Parasites, and Viruses in Mosquito Bloodmeals. American Journal of Tropical Medicine and Hygiene, 2017, 97, 324-329.	1.4	26
29	A reverse-transcription/RNase H based protocol for depletion of mosquito ribosomal RNA facilitates viral intrahost evolution analysis, transcriptomics and pathogen discovery. Virology, 2019, 528, 181-197.	2.4	21
30	Xenosurveillance reflects traditional sampling techniques for the identification of human pathogens: A comparative study in West Africa. PLoS Neglected Tropical Diseases, 2018, 12, e0006348.	3.0	20
31	Real-time public health communication of local SARS-CoV-2 genomic epidemiology. PLoS Biology, 2020, 18, e3000869.	5.6	15
32	Maporal Hantavirus Causes Mild Pathology in Deer Mice (Peromyscus maniculatus). Viruses, 2016, 8, 286.	3.3	12
33	Impact of extrinsic incubation temperature on natural selection during Zika virus infection of Aedes aegypti and Aedes albopictus. PLoS Pathogens, 2021, 17, e1009433.	4.7	11
34	Severe Acute Respiratory Syndrome Coronavirus 2 Reinfection: A Case Series From a 12-Month Longitudinal Occupational Cohort. Clinical Infectious Diseases, 2022, 74, 1682-1685.	5.8	9
35	Combining genomic and epidemiological data to compare the transmissibility of SARS-CoV-2 variants Alpha and lota. Communications Biology, 2022, 5, 439.	4.4	9
36	Longitudinal Immune Profiling of a Severe Acute Respiratory Syndrome Coronavirus 2 Reinfection in a Solid Organ Transplant Recipient. Journal of Infectious Diseases, 2022, 225, 374-384.	4.0	7

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37	COVID-19 Outcomes and Genomic Characterization of SARS-CoV-2 Isolated From Veterans in New England States: Retrospective Analysis. Jmirx Med, 2021, 2, e31503.	0.4	5
38	Sequencing SARS-CoV-2 genomes from saliva. Virus Evolution, 2022, 8, veab098.	4.9	4
39	Case Study: Longitudinal immune profiling of a SARS-CoV-2 reinfection in a solid organ transplant recipient. , 2021, , .		3
40	Authors' Response to Peer Reviews of "COVID-19 Outcomes and Genomic Characterization of SARS-CoV-2 Isolated From Veterans in New England States: Retrospective Analysis― Jmirx Med, 2021, 2, e35515.	0.4	0