

Joseph R Fauver

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1484867/joseph-r-fauver-publications-by-citations.pdf>
Version: 2024-04-11

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49 papers	3,521 citations	24 h-index	54 g-index
54 ext. papers	5,245 ext. citations	19 avg, IF	5.08 L-index

#	Paper	IF	Citations
49	Longitudinal analyses reveal immunological misfiring in severe COVID-19. <i>Nature</i> , 2020 , 584, 463-469	50.4	901
48	Analytical sensitivity and efficiency comparisons of SARS-CoV-2 RT-qPCR primer-probe sets. <i>Nature Microbiology</i> , 2020 , 5, 1299-1305	26.6	380
47	Genomic epidemiology reveals multiple introductions of Zika virus into the United States. <i>Nature</i> , 2017 , 546, 401-405	50.4	235
46	Coast-to-Coast Spread of SARS-CoV-2 during the Early Epidemic in the United States. <i>Cell</i> , 2020 , 181, 990-996.e5	56.2	235
45	SARS-CoV-2 infection of the placenta. <i>Journal of Clinical Investigation</i> , 2020 , 130, 4947-4953	15.9	230
44	Vector Competence of American Mosquitoes for Three Strains of Zika Virus. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0005101	4.8	141
43	Impact of simultaneous exposure to arboviruses on infection and transmission by <i>Aedes aegypti</i> mosquitoes. <i>Nature Communications</i> , 2017 , 8, 15412	17.4	117
42	SalivaDirect: A simplified and flexible platform to enhance SARS-CoV-2 testing capacity. <i>Med</i> , 2021 , 2, 263-280.e6	31.7	110
41	Genetic Drift during Systemic Arbovirus Infection of Mosquito Vectors Leads to Decreased Relative Fitness during Host Switching. <i>Cell Host and Microbe</i> , 2016 , 19, 481-92	23.4	96
40	Multiplex qPCR discriminates variants of concern to enhance global surveillance of SARS-CoV-2. <i>PLoS Biology</i> , 2021 , 19, e3001236	9.7	85
39	Public health actions to control new SARS-CoV-2 variants. <i>Cell</i> , 2021 , 184, 1127-1132	56.2	83
38	West African <i>Anopheles gambiae</i> mosquitoes harbor a taxonomically diverse virome including new insect-specific flaviviruses, mononegaviruses, and totiviruses. <i>Virology</i> , 2016 , 498, 288-299	3.6	79
37	Acute encephalopathy with elevated CSF inflammatory markers as the initial presentation of COVID-19. <i>BMC Neurology</i> , 2020 , 20, 248	3.1	78
36	Rapid and specific detection of Asian- and African-lineage Zika viruses. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	73
35	Impact of circulating SARS-CoV-2 variants on mRNA vaccine-induced immunity. <i>Nature</i> , 2021 ,	50.4	71
34	Delayed production of neutralizing antibodies correlates with fatal COVID-19. <i>Nature Medicine</i> , 2021 , 27, 1178-1186	50.5	65
33	Viral Dynamics of SARS-CoV-2 Variants in Vaccinated and Unvaccinated Persons.. <i>New England Journal of Medicine</i> , 2021 , 385, 2489-2491	59.2	63

32	Early introductions and transmission of SARS-CoV-2 variant B.1.1.7 in the United States. <i>Cell</i> , 2021 , 184, 2595-2604.e13	56.2	55
31	Mosquitoes Transmit Unique West Nile Virus Populations during Each Feeding Episode. <i>Cell Reports</i> , 2017 , 19, 709-718	10.6	54
30	Experimental evolution of an RNA virus in wild birds: evidence for host-dependent impacts on population structure and competitive fitness. <i>PLoS Pathogens</i> , 2015 , 11, e1004874	7.6	43
29	SalivaDirect: A simplified and flexible platform to enhance SARS-CoV-2 testing capacity		42
28	Viral dynamics of acute SARS-CoV-2 infection and applications to diagnostic and public health strategies. <i>PLoS Biology</i> , 2021 , 19, e3001333	9.7	40
27	American Mosquitoes are Competent Vectors of Zika Virus. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017 , 96, 1338-1340	3.2	30
26	Variation in competence for ZIKV transmission by <i>Aedes aegypti</i> and <i>Aedes albopictus</i> in Mexico. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006599	4.8	25
25	The Use of Xenosurveillance to Detect Human Bacteria, Parasites, and Viruses in Mosquito Bloodmeals. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017 , 97, 324-329	3.2	15
24	PCR assay to enhance global surveillance for SARS-CoV-2 variants of concern 2021 ,		15
23	Comparative transmissibility of SARS-CoV-2 variants Delta and Alpha in New England, USA 2021 ,		14
22	A reverse-transcription/RNase H based protocol for depletion of mosquito ribosomal RNA facilitates viral intrahost evolution analysis, transcriptomics and pathogen discovery. <i>Virology</i> , 2019 , 528, 181-197	3.6	14
21	Xenosurveillance reflects traditional sampling techniques for the identification of human pathogens: A comparative study in West Africa. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006348	4.8	12
20	Real-time public health communication of local SARS-CoV-2 genomic epidemiology. <i>PLoS Biology</i> , 2020 , 18, e3000869	9.7	12
19	Multiplexed RT-qPCR to screen for SARS-COV-2 B.1.1.7, B.1.351, and P.1 variants of concern v3		12
18	A stem-loop RNA RIG-I agonist protects against acute and chronic SARS-CoV-2 infection in mice. <i>Journal of Experimental Medicine</i> , 2022 , 219,	16.6	11
17	Lying in wait: the resurgence of dengue virus after the Zika epidemic in Brazil. <i>Nature Communications</i> , 2021 , 12, 2619	17.4	11
16	Impact of circulating SARS-CoV-2 variants on mRNA vaccine-induced immunity in uninfected and previously infected individuals		11
15	Rapid emergence of SARS-CoV-2 Omicron variant is associated with an infection advantage over Delta in vaccinated persons.. <i>Med</i> , 2022 ,	31.7	10

14	Early introductions and community transmission of SARS-CoV-2 variant B.1.1.7 in the United States 2021,		9
13	Comparative transmissibility of SARS-CoV-2 variants Delta and Alpha in New England, USA.. <i>Cell Reports Medicine</i> , 2022 , 3, 100583	18	9
12	Maporal Hantavirus Causes Mild Pathology in Deer Mice (<i>Peromyscus maniculatus</i>). <i>Viruses</i> , 2016 , 8,	6.2	8
11	Generation of SARS-COV-2 RNA transcript standards for qRT-PCR detection assays v1		7
10	Impact of extrinsic incubation temperature on natural selection during Zika virus infection of <i>Aedes aegypti</i> and <i>Aedes albopictus</i> . <i>PLoS Pathogens</i> , 2021 , 17, e1009433	7.6	4
9	Longitudinal immune profiling of a SARS-CoV-2 reinfection in a solid organ transplant recipient. <i>Journal of Infectious Diseases</i> , 2021 ,	7	4
8	COVID-19 Outcomes and Genomic Characterization of SARS-CoV-2 Isolated From Veterans in New England States: Retrospective Analysis.. <i>Jmirx Med</i> , 2021 , 2, e31503	0.2	3
7	Variant abundance estimation for SARS-CoV-2 in wastewater using RNA-Seq quantification 2021,		3
6	Case Study: Longitudinal immune profiling of a SARS-CoV-2 reinfection in a solid organ transplant recipient 2021,		2
5	A reverse-transcription/RNase H based protocol for depletion of mosquito ribosomal RNA facilitates viral intrahost evolution analysis, transcriptomics and pathogen discovery		1
4	Longitudinal immune profiling of a SARS-CoV-2 reinfection in a solid organ transplant recipient 2021,		1
3	Combining genomic and epidemiological data to compare the transmissibility of SARS-CoV-2 variants Alpha and Iota.. <i>Communications Biology</i> , 2022 , 5, 439	6.7	1
2	Sequencing SARS-CoV-2 genomes from saliva.. <i>Virus Evolution</i> , 2022 , 8, veab098	3.7	0
1	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 <i>Jmirx Med</i> , 2021 , 2, e35515	0.2	