

# Joseph R Fauver

## List of Publications by Year in Descending Order

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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	A stem-loop RNA RIG-I agonist protects against acute and chronic SARS-CoV-2 infection in mice. <i>Journal of Experimental Medicine</i> , <b>2022</b> , 219,	16.6	11
48	Sequencing SARS-CoV-2 genomes from saliva.. <i>Virus Evolution</i> , <b>2022</b> , 8, veab098	3.7	0
47	Comparative transmissibility of SARS-CoV-2 variants Delta and Alpha in New England, USA.. <i>Cell Reports Medicine</i> , <b>2022</b> , 3, 100583	18	9
46	Rapid emergence of SARS-CoV-2 Omicron variant is associated with an infection advantage over Delta in vaccinated persons.. <i>Med</i> , <b>2022</b> ,	31.7	10
45	Combining genomic and epidemiological data to compare the transmissibility of SARS-CoV-2 variants Alpha and Iota.. <i>Communications Biology</i> , <b>2022</b> , 5, 439	6.7	1
44	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> , <b>2021</b> , 2, e35515	0.2	
43	COVID-19 Outcomes and Genomic Characterization of SARS-CoV-2 Isolated From Veterans in New England States: Retrospective Analysis.. <i>Jmirx Med</i> , <b>2021</b> , 2, e31503	0.2	3
42	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> , <b>2021</b> , 17, e1009433	7.6	4
41	Viral Dynamics of SARS-CoV-2 Variants in Vaccinated and Unvaccinated Persons.. <i>New England Journal of Medicine</i> , <b>2021</b> , 385, 2489-2491	59.2	63
40	Impact of circulating SARS-CoV-2 variants on mRNA vaccine-induced immunity. <i>Nature</i> , <b>2021</b> ,	50.4	71
39	Comparative transmissibility of SARS-CoV-2 variants Delta and Alpha in New England, USA <b>2021</b> ,		14
38	Longitudinal immune profiling of a SARS-CoV-2 reinfection in a solid organ transplant recipient. <i>Journal of Infectious Diseases</i> , <b>2021</b> ,	7	4
37	SalivaDirect: A simplified and flexible platform to enhance SARS-CoV-2 testing capacity. <i>Med</i> , <b>2021</b> , 2, 263-280.e6	31.7	110
36	Public health actions to control new SARS-CoV-2 variants. <i>Cell</i> , <b>2021</b> , 184, 1127-1132	56.2	83
35	Case Study: Longitudinal immune profiling of a SARS-CoV-2 reinfection in a solid organ transplant recipient <b>2021</b> ,		2
34	Early introductions and transmission of SARS-CoV-2 variant B.1.1.7 in the United States. <i>Cell</i> , <b>2021</b> , 184, 2595-2604.e13	56.2	55
33	Delayed production of neutralizing antibodies correlates with fatal COVID-19. <i>Nature Medicine</i> , <b>2021</b> , 27, 1178-1186	50.5	65

32	Multiplex qPCR discriminates variants of concern to enhance global surveillance of SARS-CoV-2. <i>PLoS Biology</i> , <b>2021</b> , 19, e3001236	9.7	85
31	Longitudinal immune profiling of a SARS-CoV-2 reinfection in a solid organ transplant recipient <b>2021</b> ,		1
30	Lying in wait: the resurgence of dengue virus after the Zika epidemic in Brazil. <i>Nature Communications</i> , <b>2021</b> , 12, 2619	17.4	11
29	PCR assay to enhance global surveillance for SARS-CoV-2 variants of concern <b>2021</b> ,		15
28	Early introductions and community transmission of SARS-CoV-2 variant B.1.1.7 in the United States <b>2021</b> ,		9
27	Viral dynamics of acute SARS-CoV-2 infection and applications to diagnostic and public health strategies. <i>PLoS Biology</i> , <b>2021</b> , 19, e3001333	9.7	40
26	Variant abundance estimation for SARS-CoV-2 in wastewater using RNA-Seq quantification <b>2021</b> ,		3
25	Coast-to-Coast Spread of SARS-CoV-2 during the Early Epidemic in the United States. <i>Cell</i> , <b>2020</b> , 181, 990-996.e5	56.2	235
24	Acute encephalopathy with elevated CSF inflammatory markers as the initial presentation of COVID-19. <i>BMC Neurology</i> , <b>2020</b> , 20, 248	3.1	78
23	SARS-CoV-2 infection of the placenta. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 4947-4953	15.9	230
22	Analytical sensitivity and efficiency comparisons of SARS-CoV-2 RT-qPCR primer-probe sets. <i>Nature Microbiology</i> , <b>2020</b> , 5, 1299-1305	26.6	380
21	Longitudinal analyses reveal immunological misfiring in severe COVID-19. <i>Nature</i> , <b>2020</b> , 584, 463-469	50.4	901
20	Real-time public health communication of local SARS-CoV-2 genomic epidemiology. <i>PLoS Biology</i> , <b>2020</b> , 18, e3000869	9.7	12
19	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> , <b>2019</b> , 528, 181-197	3.6	14
18	Variation in competence for ZIKV transmission by <i>Aedes aegypti</i> and <i>Aedes albopictus</i> in Mexico. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006599	4.8	25
17	Xenosurveillance reflects traditional sampling techniques for the identification of human pathogens: A comparative study in West Africa. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006348	4.8	12
16	Rapid and specific detection of Asian- and African-lineage Zika viruses. <i>Science Translational Medicine</i> , <b>2017</b> , 9,	17.5	73
15	Mosquitoes Transmit Unique West Nile Virus Populations during Each Feeding Episode. <i>Cell Reports</i> , <b>2017</b> , 19, 709-718	10.6	54

14	Impact of simultaneous exposure to arboviruses on infection and transmission by <i>Aedes aegypti</i> mosquitoes. <i>Nature Communications</i> , <b>2017</b> , 8, 15412	17.4	117
13	Genomic epidemiology reveals multiple introductions of Zika virus into the United States. <i>Nature</i> , <b>2017</b> , 546, 401-405	50.4	235
12	American Mosquitoes are Competent Vectors of Zika Virus. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2017</b> , 96, 1338-1340	3.2	30
11	The Use of Xenosurveillance to Detect Human Bacteria, Parasites, and Viruses in Mosquito Bloodmeals. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2017</b> , 97, 324-329	3.2	15
10	Maporal Hantavirus Causes Mild Pathology in Deer Mice ( <i>Peromyscus maniculatus</i> ). <i>Viruses</i> , <b>2016</b> , 8,	6.2	8
9	Vector Competence of American Mosquitoes for Three Strains of Zika Virus. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0005101	4.8	141
8	Genetic Drift during Systemic Arbovirus Infection of Mosquito Vectors Leads to Decreased Relative Fitness during Host Switching. <i>Cell Host and Microbe</i> , <b>2016</b> , 19, 481-92	23.4	96
7	West African <i>Anopheles gambiae</i> mosquitoes harbor a taxonomically diverse virome including new insect-specific flaviviruses, mononegaviruses, and totiviruses. <i>Virology</i> , <b>2016</b> , 498, 288-299	3.6	79
6	Experimental evolution of an RNA virus in wild birds: evidence for host-dependent impacts on population structure and competitive fitness. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1004874	7.6	43
5	Generation of SARS-COV-2 RNA transcript standards for qRT-PCR detection assays v1		7
4	A reverse-transcription/RNase H based protocol for depletion of mosquito ribosomal RNA facilitates viral intrahost evolution analysis, transcriptomics and pathogen discovery		1
3	SalivaDirect: A simplified and flexible platform to enhance SARS-CoV-2 testing capacity		42
2	Multiplexed RT-qPCR to screen for SARS-COV-2 B.1.1.7, B.1.351, and P.1 variants of concern v3		12
1	Impact of circulating SARS-CoV-2 variants on mRNA vaccine-induced immunity in uninfected and previously infected individuals		11