

# Jorge E Osorio

## 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.

57  
papers

1,821  
citations

24  
h-index

41  
g-index

60  
ext. papers

2,547  
ext. citations

6.3  
avg, IF

4.59  
L-index

#	Paper	IF	Citations
57	SARS-CoV-2 Omicron virus causes attenuated disease in mice and hamsters.. <i>Nature</i> , <b>2022</b> ,	50.4	89
56	Vaccine-induced systemic and mucosal T cell immunity to SARS-CoV-2 viral variants.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2118312119	11.5	4
55	mRNA Vaccine Protects against Zika Virus.. <i>Vaccines</i> , <b>2021</b> , 9,	5.3	3
54	Biological Cloth Face Coverings-The Reduction of SARS-CoV-2 and Influenza (H1N1) Infectivity by Viruferrin Treatment. <i>Materials</i> , <b>2021</b> , 14,	3.5	1
53	Localized and Systemic Immune Responses against SARS-CoV-2 Following Mucosal Immunization. <i>Vaccines</i> , <b>2021</b> , 9,	5.3	11
52	Optimization in the expression of ASFV proteins for the development of subunit vaccines using poxviruses as delivery vectors. <i>Scientific Reports</i> , <b>2021</b> , 11, 23476	4.9	0
51	Clinical Presentation and Serologic Response during a Rabies Epizootic in Captive Common Vampire Bats. <i>Tropical Medicine and Infectious Disease</i> , <b>2020</b> , 5,	3.5	6
50	Immunological Memory to Zika Virus in a University Community in Colombia, South America. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2020</b> , 92, e20190883	1.4	0
49	Seasonal patterns of dengue fever in rural Ecuador: 2009-2016. <i>PLoS Neglected Tropical Diseases</i> , <b>2019</b> , 13, e0007360	4.8	7
48	Plague-Positive Mouse Fleas on Mice Before Plague Induced Die-Offs in Black-Tailed and White-Tailed Prairie Dogs. <i>Vector-Borne and Zoonotic Diseases</i> , <b>2019</b> , 19, 486-493	2.4	3
47	Virally-vectored vaccine candidates against white-nose syndrome induce anti-fungal immune response in little brown bats ( <i>Myotis lucifugus</i> ). <i>Scientific Reports</i> , <b>2019</b> , 9, 6788	4.9	22
46	Tracking dengue virus type 1 genetic diversity during lineage replacement in an hyperendemic area in Colombia. <i>PLoS ONE</i> , <b>2019</b> , 14, e0212947	3.7	2
45	Primary infection with dengue or Zika virus does not affect the severity of heterologous secondary infection in macaques. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007766	7.6	26
44	Effective mosaic-based nanovaccines against avian influenza in poultry. <i>Vaccine</i> , <b>2019</b> , 37, 5051-5058	4.1	11
43	Fluorescent biomarkers demonstrate prospects for spreadable vaccines to control disease transmission in wild bats. <i>Nature Ecology and Evolution</i> , <b>2019</b> , 3, 1697-1704	12.3	26
42	Circulation of influenza in backyard productive systems in central Chile and evidence of spillover from wild birds. <i>Preventive Veterinary Medicine</i> , <b>2018</b> , 153, 1-6	3.1	10
41	Impact of Sylvatic Plague Vaccine on Non-target Small Rodents in Grassland Ecosystems. <i>EcoHealth</i> , <b>2018</b> , 15, 555-565	3.1	6

40	Ocular and uteroplacental pathology in a macaque pregnancy with congenital Zika virus infection. <i>PLoS ONE</i> , <b>2018</b> , 13, e0190617	3.7	50
39	Zika virus like particles elicit protective antibodies in mice. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006210	4.8	25
38	Safety and immunogenicity of mammalian cell derived and Modified Vaccinia Ankara vectored African swine fever subunit antigens in swine. <i>Veterinary Immunology and Immunopathology</i> , <b>2017</b> , 185, 20-33	2	34
37	Zika in the Americas, year 2: What have we learned? What gaps remain? A report from the Global Virus Network. <i>Antiviral Research</i> , <b>2017</b> , 144, 223-246	10.8	77
36	Dengue virus serological prevalence and seroconversion rates in children and adults in Medellin, Colombia: implications for vaccine introduction. <i>International Journal of Infectious Diseases</i> , <b>2017</b> , 58, 27-36	10.5	23
35	Imaging with Bioluminescent Enterovirus 71 Allows for Real-Time Visualization of Tissue Tropism and Viral Spread. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	14
34	A modified vaccinia Ankara vaccine vector expressing a mosaic H5 hemagglutinin reduces viral shedding in rhesus macaques. <i>PLoS ONE</i> , <b>2017</b> , 12, e0181738	3.7	9
33	Characterization of Monkeypox virus infection in African rope squirrels ( <i>Funisciurus</i> sp.). <i>PLoS Neglected Tropical Diseases</i> , <b>2017</b> , 11, e0005809	4.8	18
32	Protection of bats ( <i>Eptesicus fuscus</i> ) against rabies following topical or oronasal exposure to a recombinant raccoon poxvirus vaccine. <i>PLoS Neglected Tropical Diseases</i> , <b>2017</b> , 11, e0005958	4.8	24
31	A Single Mutation in the VP1 of Enterovirus 71 Is Responsible for Increased Virulence and Neurotropism in Adult Interferon-Deficient Mice. <i>Journal of Virology</i> , <b>2016</b> , 90, 8592-604	6.6	37
30	A recombinant, chimeric tetravalent dengue vaccine candidate based on a dengue virus serotype 2 backbone. <i>Expert Review of Vaccines</i> , <b>2016</b> , 15, 497-508	5.2	53
29	Characterization of Lethal Zika Virus Infection in AG129 Mice. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004682	4.8	216
28	Chloroquine, an Endocytosis Blocking Agent, Inhibits Zika Virus Infection in Different Cell Models. <i>Viruses</i> , <b>2016</b> , 8,	6.2	181
27	Avian H11 influenza virus isolated from domestic poultry in a Colombian live animal market. <i>Emerging Microbes and Infections</i> , <b>2016</b> , 5, e121	18.9	18
26	Mosaic H5 Hemagglutinin Provides Broad Humoral and Cellular Immune Responses against Influenza Viruses. <i>Journal of Virology</i> , <b>2016</b> , 90, 6771-6783	6.6	14
25	Evaluation of Commercially Available Assays for Diagnosis of Acute Dengue in Schoolchildren During an Epidemic Period in Medellin, Colombia. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2016</b> , 95, 315-21	3.2	11
24	Infectivity of attenuated poxvirus vaccine vectors and immunogenicity of a raccoonpox vectored rabies vaccine in the Brazilian Free-tailed bat ( <i>Tadarida brasiliensis</i> ). <i>Vaccine</i> , <b>2016</b> , 34, 5352-5358	4.1	17
23	Safety and immunogenicity of different doses and schedules of a live attenuated tetravalent dengue vaccine (TDV) in healthy adults: A Phase 1b randomized study. <i>Vaccine</i> , <b>2015</b> , 33, 6351-9	4.1	41

22	Mucosal administration of raccoonpox virus expressing highly pathogenic avian H5N1 influenza neuraminidase is highly protective against H5N1 and seasonal influenza virus challenge. <i>Vaccine</i> , <b>2015</b> , 33, 5155-62	4.1	9
21	Development of a recombinant, chimeric tetravalent dengue vaccine candidate. <i>Vaccine</i> , <b>2015</b> , 33, 7112-20	4.0	33
20	Attenuation of monkeypox virus by deletion of genomic regions. <i>Virology</i> , <b>2015</b> , 475, 129-38	3.6	8
19	Efficacy of a Trivalent Hand, Foot, and Mouth Disease Vaccine against Enterovirus 71 and Coxsackieviruses A16 and A6 in Mice. <i>Viruses</i> , <b>2015</b> , 7, 5919-32	6.2	26
18	Laboratory Investigations of African Pouched Rats ( <i>Cricetomys gambianus</i> ) as a Potential Reservoir Host Species for Monkeypox Virus. <i>PLoS Neglected Tropical Diseases</i> , <b>2015</b> , 9, e0004013	4.8	19
17	Further Assessment of Monkeypox Virus Infection in Gambian Pouched Rats ( <i>Cricetomys gambianus</i> ) Using In Vivo Bioluminescent Imaging. <i>PLoS Neglected Tropical Diseases</i> , <b>2015</b> , 9, e0004130	4.8	16
16	Investigating the efficacy of monovalent and tetravalent dengue vaccine formulations against DENV-4 challenge in AG129 mice. <i>Vaccine</i> , <b>2014</b> , 32, 6537-43	4.1	21
15	Broad protection against avian influenza virus by using a modified vaccinia Ankara virus expressing a mosaic hemagglutinin gene. <i>Journal of Virology</i> , <b>2014</b> , 88, 13300-9	6.6	34
14	Lovastatin delays infection and increases survival rates in AG129 mice infected with dengue virus serotype 2. <i>PLoS ONE</i> , <b>2014</b> , 9, e87412	3.7	63
13	A novel MVA vectored Chikungunya virus vaccine elicits protective immunity in mice. <i>PLoS Neglected Tropical Diseases</i> , <b>2014</b> , 8, e2970	4.8	34
12	Frequency and clinical manifestations of dengue in urban medellin, Colombia. <i>Journal of Tropical Medicine</i> , <b>2014</b> , 2014, 872608	2.4	15
11	Preclinical evaluation of the immunogenicity and safety of an inactivated enterovirus 71 candidate vaccine. <i>PLoS Neglected Tropical Diseases</i> , <b>2013</b> , 7, e2538	4.8	13
10	Adaptation of enterovirus 71 to adult interferon deficient mice. <i>PLoS ONE</i> , <b>2013</b> , 8, e59501	3.7	28
9	Characterization of West Nile viruses isolated from captive American Flamingoes ( <i>Phoenicopterus ruber</i> ) in Medellin, Colombia. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2012</b> , 87, 565-72	3.2	17
8	Immunogenicity and efficacy of chimeric dengue vaccine (DENVax) formulations in interferon-deficient AG129 mice. <i>Vaccine</i> , <b>2012</b> , 30, 1513-20	4.1	49
7	Probing the attenuation and protective efficacy of a candidate chikungunya virus vaccine in mice with compromised interferon (IFN) signaling. <i>Vaccine</i> , <b>2011</b> , 29, 3067-73	4.1	56
6	Characterization of recombinant raccoonpox vaccine vectors in chickens. <i>Avian Diseases</i> , <b>2010</b> , 54, 1157-65	3.5	7
5	A prairie dog animal model of systemic orthopoxvirus disease using West African and Congo Basin strains of monkeypox virus. <i>Journal of General Virology</i> , <b>2009</b> , 90, 323-333	4.9	78

- 4 Comparison of monkeypox viruses pathogenesis in mice by in vivo imaging. *PLoS ONE*, **2009**, 4, e6592 3.7 41
- 3 Recombinant raccoon pox vaccine protects mice against lethal plague. *Vaccine*, **2003**, 21, 1232-8 4.1 32
- 2 Attenuation of Mengo virus through genetic engineering of the 5' noncoding poly(C) tract. *Nature*, **1990**, 343, 474-6 50.4 117
- 1 Ocular and uteroplacental pathology in macaque congenital Zika virus infection 1