

Javier A Jaimes

List of Publications by Citations

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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.

23
papers

1,374
citations

14
h-index

27
g-index

27
ext. papers

1,956
ext. citations

5.4
avg, IF

6.01
L-index

#	Paper	IF	Citations
23	Coronavirus membrane fusion mechanism offers a potential target for antiviral development. <i>Antiviral Research</i> , 2020 , 178, 104792	10.8	418
22	Phylogenetic Analysis and Structural Modeling of SARS-CoV-2 Spike Protein Reveals an Evolutionary Distinct and Proteolytically Sensitive Activation Loop. <i>Journal of Molecular Biology</i> , 2020 , 432, 3309-3325	6.5	288
21	Proteolytic Cleavage of the SARS-CoV-2 Spike Protein and the Role of the Novel S1/S2 Site. <i>IScience</i> , 2020 , 23, 101212	6.1	177
20	A Tale of Two Viruses: The Distinct Spike Glycoproteins of Feline Coronaviruses. <i>Viruses</i> , 2020 , 12,	6.2	67
19	Proteolytic Activation of SARS-CoV-2 Spike at the S1/S2 Boundary: Potential Role of Proteases beyond Furin. <i>ACS Infectious Diseases</i> , 2021 , 7, 264-272	5.5	60
18	Coronaviruses in cats and other companion animals: Where does SARS-CoV-2/COVID-19 fit?. <i>Veterinary Microbiology</i> , 2020 , 247, 108777	3.3	52
17	Feline coronavirus: Insights into viral pathogenesis based on the spike protein structure and function. <i>Virology</i> , 2018 , 517, 108-121	3.6	48
16	Production of Pseudotyped Particles to Study Highly Pathogenic Coronaviruses in a Biosafety Level 2 Setting. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	46
15	Molecular diversity of coronavirus host cell entry receptors. <i>FEMS Microbiology Reviews</i> , 2021 , 45,	15.1	37
14	Functional evaluation of the P681H mutation on the proteolytic activation of the SARS-CoV-2 variant B.1.1.7 (Alpha) spike.. <i>IScience</i> , 2022 , 25, 103589	6.1	36
13	Functional evaluation of proteolytic activation for the SARS-CoV-2 variant B.1.1.7: role of the P681H mutation 2021 ,		31
12	Structural modeling of 2019-novel coronavirus (nCoV) spike protein reveals a proteolytically-sensitive activation loop as a distinguishing feature compared to SARS-CoV and related SARS-like coronaviruses 2020 ,		18
11	A Fluorogenic Peptide Cleavage Assay to Screen for Proteolytic Activity: Applications for coronavirus spike protein activation. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	16
10	Inhibitors of L-type calcium channels show therapeutic potential for treating SARS-CoV-2 infections by preventing virus entry and spread		16
9	Spike protein cleavage-activation mediated by the SARS-CoV-2 P681R mutation: a case-study from its first appearance in variant of interest (VOI) A.23.1 identified in Uganda 2021 ,		14
8	SARS-CoV-2 Clinical Outcome in Domestic and Wild Cats: A Systematic Review. <i>Animals</i> , 2021 , 11,	3.1	11
7	Coagulation factors directly cleave SARS-CoV-2 spike and enhance viral entry 2021 ,		9

6	SARS CoV-2 Spike Protein Interaction With ACE2 Receptors From Wild and Domestic Species. <i>Frontiers in Genetics</i> , 2021 , 12, 571707	4.5	7
5	Inhibitors of L-Type Calcium Channels Show Therapeutic Potential for Treating SARS-CoV-2 Infections by Preventing Virus Entry and Spread. <i>ACS Infectious Diseases</i> , 2021 , 7, 2807-2815	5.5	5
4	Intrinsic furin-mediated cleavability of the spike S1/S2 site from SARS-CoV-2 variant B.1.529 (Omicron)		5
3	Concerns on the Emerging Research of SARS-CoV-2 on Felines: Could They be Significant Hosts/Reservoirs?. <i>Journal of Pure and Applied Microbiology</i> , 2020 , 14, 703-708	0.9	4
2	Coagulation factors directly cleave SARS-CoV-2 spike and enhance viral entry.. <i>ELife</i> , 2022 , 11,	8.9	4
1	SARS-CoV-2 electrochemical immunosensor based on the spike-ACE2 complex.. <i>Analytica Chimica Acta</i> , 2022 , 1205, 339718	6.6	3