

Javier A Jaimes

List of Publications by Year in descending order

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19
papers

2,329
citations

566801

15
h-index

794141

19
g-index

27
all docs

27
docs citations

27
times ranked

4531
citing authors

#	ARTICLE	IF	CITATIONS
1	Coronavirus membrane fusion mechanism offers a potential target for antiviral development. Antiviral Research, 2020, 178, 104792.	1.9	635
2	Phylogenetic Analysis and Structural Modeling of SARS-CoV-2 Spike Protein Reveals an Evolutionary Distinct and Proteolytically Sensitive Activation Loop. Journal of Molecular Biology, 2020, 432, 3309-3325.	2.0	406
3	Proteolytic Cleavage of the SARS-CoV-2 Spike Protein and the Role of the Novel S1/S2 Site. IScience, 2020, 23, 101212.	1.9	277
4	Functional evaluation of the P681H mutation on the proteolytic activation of the SARS-CoV-2 variant B.1.1.7 (Alpha) spike. IScience, 2022, 25, 103589.	1.9	134
5	Proteolytic Activation of SARS-CoV-2 Spike at the S1/S2 Boundary: Potential Role of Proteases beyond Furin. ACS Infectious Diseases, 2021, 7, 264-272.	1.8	122
6	A Tale of Two Viruses: The Distinct Spike Glycoproteins of Feline Coronaviruses. Viruses, 2020, 12, 83.	1.5	106
7	Coronaviruses in cats and other companion animals: Where does SARS-CoV-2/COVID-19 fit?. Veterinary Microbiology, 2020, 247, 108777.	0.8	88
8	Molecular diversity of coronavirus host cell entry receptors. FEMS Microbiology Reviews, 2021, 45, .	3.9	75
9	Feline coronavirus: Insights into viral pathogenesis based on the spike protein structure and function. Virology, 2018, 517, 108-121.	1.1	68
10	Production of Pseudotyped Particles to Study Highly Pathogenic Coronaviruses in a Biosafety Level 2 Setting. Journal of Visualized Experiments, 2019, , .	0.2	64
11	Coagulation factors directly cleave SARS-CoV-2 spike and enhance viral entry. ELife, 2022, 11, .	2.8	34
12	Inhibitors of L-Type Calcium Channels Show Therapeutic Potential for Treating SARS-CoV-2 Infections by Preventing Virus Entry and Spread. ACS Infectious Diseases, 2021, 7, 2807-2815.	1.8	32
13	SARS-CoV-2 Clinical Outcome in Domestic and Wild Cats: A Systematic Review. Animals, 2021, 11, 2056.	1.0	27
14	SARS-CoV-2 electrochemical immunosensor based on the spike-ACE2 complex. Analytica Chimica Acta, 2022, 1205, 339718.	2.6	25
15	A Fluorogenic Peptide Cleavage Assay to Screen for Proteolytic Activity: Applications for coronavirus spike protein activation. Journal of Visualized Experiments, 2019, , .	0.2	23
16	Spike Protein Cleavage-Activation in the Context of the SARS-CoV-2 P681R Mutation: an Analysis from Its First Appearance in Lineage A.23.1 Identified in Uganda. Microbiology Spectrum, 2022, 10, .	1.2	20
17	SARS CoV-2 Spike Protein in silico Interaction With ACE2 Receptors From Wild and Domestic Species. Frontiers in Genetics, 2021, 12, 571707.	1.1	17
18	Concerns on the Emerging Research of SARS-CoV-2 on Felines: Could They be Significant Hosts/Reservoirs?. Journal of Pure and Applied Microbiology, 2020, 14, 703-708.	0.3	6

#	ARTICLE	IF	CITATIONS
19	One Medicine: a comparative approach to investigating human and animal coronavirus infections. Journal of Feline Medicine and Surgery, 2021, 23, 267-268.	0.6	1