

Jose M Jimnez-Guardeo

List of Publications by Citations

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Version: 2024-04-29

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30
papers

2,859
citations

18
h-index

35
g-index

35
ext. papers

3,899
ext. citations

11.4
avg, IF

4.88
L-index

#	Paper	IF	Citations
30	Longitudinal observation and decline of neutralizing antibody responses in the three months following SARS-CoV-2 infection in humans. <i>Nature Microbiology</i> , 2020 , 5, 1598-1607	26.6	667
29	Severe acute respiratory syndrome coronavirus envelope protein ion channel activity promotes virus fitness and pathogenesis. <i>PLoS Pathogens</i> , 2014 , 10, e1004077	7.6	304
28	Severe acute respiratory syndrome coronavirus E protein transports calcium ions and activates the NLRP3 inflammasome. <i>Virology</i> , 2015 , 485, 330-9	3.6	274
27	Inhibition of NF- κ B-mediated inflammation in severe acute respiratory syndrome coronavirus-infected mice increases survival. <i>Journal of Virology</i> , 2014 , 88, 913-24	6.6	267
26	Role of Severe Acute Respiratory Syndrome Coronavirus Viroporins E, 3a, and 8a in Replication and Pathogenesis. <i>MBio</i> , 2018 , 9,	7.8	167
25	Subcellular location and topology of severe acute respiratory syndrome coronavirus envelope protein. <i>Virology</i> , 2011 , 415, 69-82	3.6	144
24	The PDZ-binding motif of severe acute respiratory syndrome coronavirus envelope protein is a determinant of viral pathogenesis. <i>PLoS Pathogens</i> , 2014 , 10, e1004320	7.6	137
23	Severe acute respiratory syndrome coronavirus envelope protein regulates cell stress response and apoptosis. <i>PLoS Pathogens</i> , 2011 , 7, e1002315	7.6	135
22	Coronavirus virulence genes with main focus on SARS-CoV envelope gene. <i>Virus Research</i> , 2014 , 194, 124-37	6.4	109
21	Identification of the Mechanisms Causing Reversion to Virulence in an Attenuated SARS-CoV for the Design of a Genetically Stable Vaccine. <i>PLoS Pathogens</i> , 2015 , 11, e1005215	7.6	104
20	Drugs that inhibit TMEM16 proteins block SARS-CoV-2 spike-induced syncytia. <i>Nature</i> , 2021 , 594, 88-93	50.4	103
19	Severe acute respiratory syndrome coronaviruses with mutations in the E protein are attenuated and promising vaccine candidates. <i>Journal of Virology</i> , 2015 , 89, 3870-87	6.6	87
18	Relevance of SARS-CoV E Protein Ion Channel Activity in Virus Pathogenesis. <i>Biophysical Journal</i> , 2015 , 108, 582a	2.9	78
17	Neutralization potency of monoclonal antibodies recognizing dominant and subdominant epitopes on SARS-CoV-2 Spike is impacted by the B.1.1.7 variant. <i>Immunity</i> , 2021 , 54, 1276-1289.e6	32.3	60
16	The envelope protein of severe acute respiratory syndrome coronavirus interacts with the non-structural protein 3 and is ubiquitinated. <i>Virology</i> , 2010 , 402, 281-91	3.6	42
15	Immunoproteasome activation enables human TRIM5 α restriction of HIV-1. <i>Nature Microbiology</i> , 2019 , 4, 933-940	26.6	33
14	Neutralizing antibody activity in convalescent sera from infection in humans with SARS-CoV-2 and variants of concern. <i>Nature Microbiology</i> , 2021 , 6, 1433-1442	26.6	32

13	Multiple components of the nuclear pore complex interact with the amino-terminus of MX2 to facilitate HIV-1 restriction. <i>PLoS Pathogens</i> , 2018 , 14, e1007408	7.6	28
12	Resilient SARS-CoV-2 diagnostics workflows including viral heat inactivation 2021 ,		15
11	Impact of the B.1.1.7 variant on neutralizing monoclonal antibodies recognizing diverse epitopes on SARS-CoV-2 Spike 2021 ,		13
10	The replication of a mouse adapted SARS-CoV in a mouse cell line stably expressing the murine SARS-CoV receptor mACE2 efficiently induces the expression of proinflammatory cytokines. <i>Journal of Virological Methods</i> , 2013 , 193, 639-46	2.6	12
9	The GTPase Domain of MX2 Interacts with the HIV-1 Capsid, Enabling Its Short Isoform to Moderate Antiviral Restriction. <i>Cell Reports</i> , 2019 , 29, 1923-1933.e3	10.6	11
8	Resilient SARS-CoV-2 diagnostics workflows including viral heat inactivation. <i>PLoS ONE</i> , 2021 , 16, e0256813	13	11
7	An Overview of Vaccines against SARS-CoV-2 in the COVID-19 Pandemic Era. <i>Pathogens</i> , 2021 , 10,	4.5	10
6	Antibody longevity and cross-neutralizing activity following SARS-CoV-2 wave 1 and B.1.1.7 infections 2021 ,		5
5	Kinetics of Early Innate Immune Activation during HIV-1 Infection of Humanized Mice. <i>Journal of Virology</i> , 2019 , 93,	6.6	3
4	Recombinant Live Vaccines to Protect Against the Severe Acute Respiratory Syndrome Coronavirus 2011 , 73-97		3
3	TMPRSS2 promotes SARS-CoV-2 evasion from NCOA7-mediated restriction. <i>PLoS Pathogens</i> , 2021 , 17, e1009820	7.6	2
2	MX2-mediated innate immunity against HIV-1 is regulated by serine phosphorylation. <i>Nature Microbiology</i> , 2021 , 6, 1031-1042	26.6	2
1	TMPRSS2 promotes SARS-CoV-2 evasion from NCOA7-mediated restriction		1