Raul Fernandez-Delgado

List of Publications by Year
in descending order

17 papers	2,619 citations	706676 14 h-index	1051228 16 g-index
19 all docs	19 docs citations	19 times ranked	5620 citing authors

#	Article	IF	Citations
1	Middle East Respiratory Syndrome Coronavirus Gene 5 Modulates Pathogenesis in Mice. Journal of Virology, 2021, 95, .	1.5	10
2	A conserved immunogenic and vulnerable site on the coronavirus spike protein delineated by cross-reactive monoclonal antibodies. Nature Communications, 2021, 12, 1715.	5.8	138
3	Genetically Engineered Live-Attenuated Middle East Respiratory Syndrome Coronavirus Viruses Confer Full Protection against Lethal Infection. MBio, 2021, 12, .	1.8	13
4	Towards a solution to MERS: protective human monoclonal antibodies targeting different domains and functions of the MERS-coronavirus spike glycoprotein. Emerging Microbes and Infections, 2019, 8, 516-530.	3.0	99
5	Role of Severe Acute Respiratory Syndrome Coronavirus Viroporins E, 3a, and 8a in Replication and Pathogenesis. MBio, 2018, 9, .	1.8	248
6	Chimeric camel/human heavy-chain antibodies protect against MERS-CoV infection. Science Advances, 2018, 4, eaas9667.	4.7	66
7	MERS-CoV 4b protein interferes with the NF-Î¹B-dependent innate immune response during infection. PLoS Pathogens, 2018, 14, e1006838.	2.1	104
8	SARS-CoV-Encoded Small RNAs Contribute to Infection-Associated Lung Pathology. Cell Host and Microbe, 2017, 21, 344-355.	5.1	97
9	Relevance of SARS-CoV E Protein Ion Channel Activity in Virus Pathogenesis. Biophysical Journal, 2015, 108, 582a.	0.2	0
10	Severe Acute Respiratory Syndrome Coronaviruses with Mutations in the E Protein Are Attenuated and Promising Vaccine Candidates. Journal of Virology, 2015, 89, 3870-3887.	1.5	118
11	Severe acute respiratory syndrome coronavirus E protein transports calcium ions and activates the NLRP3 inflammasome. Virology, 2015, 485, 330-339.	1.1	427
12	Identification of the Mechanisms Causing Reversion to Virulence in an Attenuated SARS-CoV for the Design of a Genetically Stable Vaccine. PLoS Pathogens, 2015, 11, e1005215.	2.1	137
13	The PDZ-Binding Motif of Severe Acute Respiratory Syndrome Coronavirus Envelope Protein Is a Determinant of Viral Pathogenesis. PLoS Pathogens, 2014, 10, e1004320.	2.1	201
14	Severe Acute Respiratory Syndrome Coronavirus Envelope Protein Ion Channel Activity Promotes Virus Fitness and Pathogenesis. PLoS Pathogens, 2014, 10, e1004077.	2.1	440
15	Inhibition of NF-Î¹B-Mediated Inflammation in Severe Acute Respiratory Syndrome Coronavirus-Infected Mice Increases Survival. Journal of Virology, 2014, 88, 913-924.	1.5	344
16	Coronavirus virulence genes with main focus on SARS-CoV envelope gene. Virus Research, 2014, 194, 124-137.	1.1	140
17	Forest Restoration in a Fog Oasis: Evidence Indicates Need for Cultural Awareness in Constructing the Reference. PLoS ONE, 2011, 6, e23004.	1.1	20