Rachy Abraham

List of Publications by Year
in descending order

18 papers	715 citations	686830 13 h-index	940134 16 g-index
18 all docs	18 docs citations	18 times ranked	1083 citing authors

#	Article	IF	Citations
1	Stress granule formation, disassembly, and composition are regulated by alphavirus ADP-ribosylhydrolase activity. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	46
2	RNA sensors as a mechanism of innate immune evasion among SARS-CoV2, HIV and Nipah viruses. Current Protein and Peptide Science, 2021, 22, 273-289.	0.7	5
3	Targeting cap-dependent translation to inhibit Chikungunya virus replication: selectivity of p38 MAPK inhibitors to virus-infected cells due to autophagy-mediated down regulation of phospho-ERK. Journal of General Virology, 2021, 102, .	1.3	5
4	Both ADP-Ribosyl-Binding and Hydrolase Activities of the Alphavirus nsP3 Macrodomain Affect Neurovirulence in Mice. MBio, 2020, 11, .	1.8	43
5	Control of Alphavirus Replication in Neurons. Proceedings (mdpi), 2020, 50, .	0.2	0
6	Human Schwann cells are susceptible to infection with Zika and yellow fever viruses, but not dengue virus. Scientific Reports, 2019, 9, 9951.	1.6	18
7	ADP-ribosylâ€“binding and hydrolase activities of the alphavirus nsP3 macrodomain are critical for initiation of virus replication. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10457-E10466.	3.3	99
8	Preparation of Recombinant Alphaviruses for Functional Studies of ADP-Ribosylation. Methods in Molecular Biology, 2018, 1813, 297-316.	0.4	0
9	ADP-ribosylhydrolase activity of Chikungunya virus macrodomain is critical for virus replication and virulence. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1666-1671.	3.3	147
10	Nucleophosmin (NPM1)/B23 in the Proteome of Human Astrocytic Cells Restricts Chikungunya Virus Replication. Journal of Proteome Research, 2017, 16, 4144-4155.	1.8	14
11	Interferon regulated gene (IRG) expression-signature in a mouse model of chikungunya virus neurovirulence. Journal of NeuroVirology, 2017, 23, 886-902.	1.0	21
12	Zika virus infection during the period of maximal brain growth causes microcephaly and corticospinal neuron apoptosis in wild type mice. Scientific Reports, 2016, 6, 34793.	1.6	80
13	Correlation of phylogenetic clade diversification and in vitro infectivity differences among Cosmopolitan genotype strains of Chikungunya virus. Infection, Genetics and Evolution, 2016, 37, 174-184.	1.0	20
14	Distinct Immune Responses in Resistant and Susceptible Strains of Mice during Neurovirulent Alphavirus Encephalomyelitis. Journal of Virology, 2015, 89, 8280-8291.	1.5	24
15	High throughput proteomic analysis and a comparative review identify the nuclear chaperone, Nucleophosmin among the common set of proteins modulated in Chikungunya virus infection. Journal of Proteomics, 2015, 120, 126-141.	1.2	22
16	Induction of Cytopathogenicity in Human Glioblastoma Cells by Chikungunya Virus. PLoS ONE, 2013, 8, e75854.	1.1	49
17	Complete genome sequencing and evolutionary analysis of dengue virus serotype 1 isolates from an outbreak in Kerala, South India. Virus Genes, 2012, 45, 1-13.	0.7	47
18	Molecular characterization of Chikungunya virus isolates from clinical samples and adult Aedes albopictus mosquitoes emerged from larvae from Kerala, South India. Virology Journal, 2010, 7, 189.	1.4	75