Chanakha K Navaratnarajah

List of Publications by Year in Descending Order

23 papers	928 citations	15 h-index	25 g-index
25 ext. papers	1,065 ext. citations	8.9 avg, IF	3.89 L-index

#	Paper	IF	Citations
23	Highly Efficient SARS-CoV-2 Infection of Human Cardiomyocytes: Spike Protein-Mediated Cell Fusion and Its Inhibition. *Journal of Virology*, **2021**, 95, e0136821	6.6	3
22	Broadly neutralizing antibody cocktails targeting Nipah virus and Hendra virus fusion glycoproteins. *Nature Structural and Molecular Biology*, **2021**, 28, 426-434	17.6	7
21	A recombinant Cedar virus based high-throughput screening assay for henipavirus antiviral discovery. *Antiviral Research*, **2021**, 193, 105084	10.8	
20	Receptor-mediated cell entry of paramyxoviruses: Mechanisms, and consequences for tropism and pathogenesis. *Journal of Biological Chemistry*, **2020**, 295, 2771-2786	5.4	29
19	Stronger together: Multi-genome transmission of measles virus. *Virus Research*, **2019**, 265, 74-79	6.4	13
18	-endocytosis elicited by nectins transfers cytoplasmic cargo, including infectious material, between cells. *Journal of Cell Science*, **2019**, 132,	5.3	15
17	Structural and functional analyses reveal promiscuous and species specific use of ephrin receptors by Cedar virus. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 20707-20715	11.5	17
16	Rescue and characterization of recombinant cedar virus, a non-pathogenic Henipavirus species. *Virology Journal*, **2018**, 15, 56	6.1	15
15	A Structurally Unresolved Head Segment of Defined Length Favors Proper Measles Virus Hemagglutinin Tetramerization and Efficient Membrane Fusion Triggering. *Journal of Virology*, **2016**, 90, 68-75	6.6	14
14	The measles virus hemagglutinin stalk: structures and functions of the central fusion activation and membrane-proximal segments. *Journal of Virology*, **2014**, 88, 6158-67	6.6	23
13	Different roles of the three loops forming the adhesive interface of nectin-4 in measles virus binding and cell entry, nectin-4 homodimerization, and heterodimerization with nectin-1. *Journal of Virology*, **2014**, 88, 14161-71	6.6	15
12	Structural basis of efficient contagion: measles variations on a theme by parainfluenza viruses. *Current Opinion in Virology*, **2014**, 5, 16-23	7.5	29
11	The measles virus hemagglutinin □propeller head □4-□5 hydrophobic groove governs functional interactions with nectin-4 and CD46 but not those with the signaling lymphocytic activation molecule. *Journal of Virology*, **2013**, 87, 9208-16	6.6	32
10	Development of measles virus-based shielded oncolytic vectors: suitability of other paramyxovirus glycoproteins. *Cancer Gene Therapy*, **2013**, 20, 109-16	5.4	16
9	Hydrophobic and charged residues in the central segment of the measles virus hemagglutinin stalk mediate transmission of the fusion-triggering signal. *Journal of Virology*, **2013**, 87, 10401-4	6.6	19
8	Targeted entry of enveloped viruses: measles and herpes simplex virus I. *Current Opinion in Virology* , **2012**, 2, 43-9	7.5	18
7	Base of the measles virus fusion trimer head receives the signal that triggers membrane fusion. *Journal of Biological Chemistry*, **2012**, 287, 33026-35	5.4	34

6	Membrane fusion triggering: three modules with different structure and function in the upper half of the measles virus attachment protein stalk. *Journal of Biological Chemistry*, **2012**, 287, 38543-51	5.4	43
5	The heads of the measles virus attachment protein move to transmit the fusion-triggering signal. *Nature Structural and Molecular Biology*, **2011**, 18, 128-34	17.6	84
4	Adherens junction protein nectin-4 is the epithelial receptor for measles virus. *Nature*, **2011**, 480, 530-3	50.4	405
3	Dynamic interaction of the measles virus hemagglutinin with its receptor signaling lymphocytic activation molecule (SLAM, CD150). *Journal of Biological Chemistry*, **2008**, 283, 11763-71	5.4	57
2	Functional characterization of the Sindbis virus E2 glycoprotein by transposon linker-insertion mutagenesis. *Virology*, **2007**, 363, 134-47	3.6	16
1	A heterologous coiled coil can substitute for helix I of the Sindbis virus capsid protein. *Journal of Virology*, **2003**, 77, 8345-53	6.6	23