

# Parikshit Bagchi

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

730  
citations

567281

15  
h-index

713466

21  
g-index

24  
all docs

24  
docs citations

24  
times ranked

914  
citing authors

#	ARTICLE	IF	CITATIONS
1	Opportunistic intruders: how viruses orchestrate ER functions to infect cells. <i>Nature Reviews Microbiology</i> , 2016, 14, 407-420.	28.6	91
2	Rotavirus Nonstructural Protein 1 Suppresses Virus-Induced Cellular Apoptosis To Facilitate Viral Growth by Activating the Cell Survival Pathways during Early Stages of Infection. <i>Journal of Virology</i> , 2010, 84, 6834-6845.	3.4	83
3	Surveillance and molecular characterization of rotavirus strains circulating in Manipur, North-Eastern India: Increasing prevalence of emerging G12 strains. <i>Infection, Genetics and Evolution</i> , 2010, 10, 311-320.	2.3	68
4	The molecular chaperone heat shock protein-90 positively regulates rotavirus infection. <i>Virology</i> , 2009, 391, 325-333.	2.4	63
5	EMC1-dependent stabilization drives membrane penetration of a partially destabilized non-enveloped virus. <i>ELife</i> , 2016, 5, .	6.0	52
6	Full genomic analysis of a human group A rotavirus G9P[6] strain from Eastern India provides evidence for porcine-to-human interspecies transmission. <i>Archives of Virology</i> , 2009, 154, 733-746.	2.1	51
7	A Non-enveloped Virus Hijacks Host Disaggregation Machinery to Translocate across the Endoplasmic Reticulum Membrane. <i>PLoS Pathogens</i> , 2015, 11, e1005086.	4.7	45
8	The Endoplasmic Reticulum Membrane J Protein C18 Executes a Distinct Role in Promoting Simian Virus 40 Membrane Penetration. <i>Journal of Virology</i> , 2015, 89, 4058-4068.	3.4	37
9	Dengue Virus Infection: A Tale of Viral Exploitations and Host Responses. <i>Viruses</i> , 2021, 13, 1967.	3.3	37
10	MAVS Protein Is Attenuated by Rotavirus Nonstructural Protein 1. <i>PLoS ONE</i> , 2014, 9, e92126.	2.5	32
11	Rotavirus NSP1 inhibits interferon induced non-canonical NF $\kappa$ B activation by interacting with TNF receptor associated factor 2. <i>Virology</i> , 2013, 444, 41-44.	2.4	30
12	SGTA-Dependent Regulation of Hsc70 Promotes Cytosol Entry of Simian Virus 40 from the Endoplasmic Reticulum. <i>Journal of Virology</i> , 2017, 91, .	3.4	29
13	Identification of common human host genes involved in pathogenesis of different rotavirus strains: An attempt to recognize probable antiviral targets. <i>Virus Research</i> , 2012, 169, 144-153.	2.2	27
14	Molecular Mechanism behind Rotavirus NSP1-Mediated PI3 Kinase Activation: Interaction between NSP1 and the p85 Subunit of PI3 Kinase. <i>Journal of Virology</i> , 2013, 87, 2358-2362.	3.4	22
15	Selective EMC subunits act as molecular tethers of intracellular organelles exploited during viral entry. <i>Nature Communications</i> , 2020, 11, 1127.	12.8	17
16	Endoplasmic reticulum in viral infection. <i>International Review of Cell and Molecular Biology</i> , 2020, 350, 265-284.	3.2	13
17	ER functions are exploited by viruses to support distinct stages of their life cycle. <i>Biochemical Society Transactions</i> , 2020, 48, 2173-2184.	3.4	12
18	Computational identification of the post-translational modification sites and the functional family prediction reveals possible moonlighting role of rotaviral proteins. <i>Bioinformatics</i> , 2010, 4, 448-451.	0.5	12

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19	Lunapark-dependent formation of a virus-induced ER exit site contains multi-tubular ER junctions that promote viral ER-to-cytosol escape. <i>Cell Reports</i> , 2021, 37, 110077.	6.4	5
20	Editorial: Cell Organelle Exploitation by Viruses During Infection. <i>Frontiers in Microbiology</i> , 2021, 12, 675152.	3.5	3
21	A specific EMC subunit supports Dengue virus infection by promoting virus membrane fusion essential for cytosolic genome delivery. <i>PLoS Pathogens</i> , 2022, 18, e1010717.	4.7	1
22	Research Highlight: Revealing molecular mechanism behind the effect of Zika Virus infection on neurodevelopment. <i>Postdoc Journal</i> , 2017, 5, .	0.4	0