

Arinjay Banerjee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3746626/publications.pdf>

Version: 2024-02-01

42
papers

1,750
citations

394286

19
h-index

315616

38
g-index

50
all docs

50
docs citations

50
times ranked

3353
citing authors

#	ARTICLE	IF	CITATIONS
1	Bats and Coronaviruses. <i>Viruses</i> , 2019, 11, 41.	1.5	357
2	Novel Insights Into Immune Systems of Bats. <i>Frontiers in Immunology</i> , 2020, 11, 26.	2.2	212
3	Gene expression and <i>in situ</i> protein profiling of candidate SARS-CoV-2 receptors in human airway epithelial cells and lung tissue. <i>European Respiratory Journal</i> , 2020, 56, 2001123.	3.1	138
4	Isolation, Sequence, Infectivity, and Replication Kinetics of Severe Acute Respiratory Syndrome Coronavirus 2. <i>Emerging Infectious Diseases</i> , 2020, 26, 2054-2063.	2.0	118
5	Evolutionary trajectory of SARS-CoV-2 and emerging variants. <i>Virology Journal</i> , 2021, 18, 166.	1.4	105
6	A Comparison of Whole Genome Sequencing of SARS-CoV-2 Using Amplicon-Based Sequencing, Random Hexamers, and Bait Capture. <i>Viruses</i> , 2020, 12, 895.	1.5	86
7	Lack of inflammatory gene expression in bats: a unique role for a transcription repressor. <i>Scientific Reports</i> , 2017, 7, 2232.	1.6	79
8	Mechanistic insights into COVID-19 by global analysis of the SARS-CoV-2 3CLpro substrate degradome. <i>Cell Reports</i> , 2021, 37, 109892.	2.9	60
9	Unraveling the Zoonotic Origin and Transmission of SARS-CoV-2. <i>Trends in Ecology and Evolution</i> , 2021, 36, 180-184.	4.2	59
10	BCG vaccination provides protection against IAV but not SARS-CoV-2. <i>Cell Reports</i> , 2022, 38, 110502.	2.9	51
11	Experimental and natural evidence of SARS-CoV-2-infection-induced activation of type I interferon responses. <i>IScience</i> , 2021, 24, 102477.	1.9	49
12	Zoonothronotic potential of SARS-CoV-2 and implications of reintroduction into human populations. <i>Cell Host and Microbe</i> , 2021, 29, 160-164.	5.1	41
13	Positive Selection of a Serine Residue in Bat IRF3 Confers Enhanced Antiviral Protection. <i>IScience</i> , 2020, 23, 100958.	1.9	34
14	Interferon Regulatory Factor 3-Mediated Signaling Limits Middle-East Respiratory Syndrome (MERS) Coronavirus Propagation in Cells from an Insectivorous Bat. <i>Viruses</i> , 2019, 11, 152.	1.5	33
15	Molecular Determinants of SARS-CoV-2 Variants. <i>Trends in Microbiology</i> , 2021, 29, 871-873.	3.5	31
16	Tools to study pathogen-host interactions in bats. <i>Virus Research</i> , 2018, 248, 5-12.	1.1	29
17	Preclinical evaluation of a SARS-CoV-2 mRNA vaccine PTX-COVID19-B. <i>Science Advances</i> , 2022, 8, eabj9815.	4.7	29
18	Vasculature-on-a-chip platform with innate immunity enables identification of angiotensin-1 derived peptide as a therapeutic for SARS-CoV-2 induced inflammation. <i>Lab on A Chip</i> , 2022, 22, 1171-1186.	3.1	27

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19	Generation and Characterization of <i>Eptesicus fuscus</i> (Big brown bat) kidney cell lines immortalized using the Myotis polyomavirus large T-antigen. <i>Journal of Virological Methods</i> , 2016, 237, 166-173.	1.0	24
20	Selection of viral variants during persistent infection of insectivorous bat cells with Middle East respiratory syndrome coronavirus. <i>Scientific Reports</i> , 2020, 10, 7257.	1.6	22
21	Molecular Pathogenesis of Middle East Respiratory Syndrome (MERS) Coronavirus. <i>Current Clinical Microbiology Reports</i> , 2019, 6, 139-147.	1.8	18
22	Intranasal HD-Ad vaccine protects the upper and lower respiratory tracts of hACE2 mice against SARS-CoV-2. <i>Cell and Bioscience</i> , 2021, 11, 202.	2.1	13
23	Predicting the recombination potential of severe acute respiratory syndrome coronavirus 2 and Middle East respiratory syndrome coronavirus. <i>Journal of General Virology</i> , 2020, 101, 1251-1260.	1.3	12
24	Clash of the titans: interferons and SARS-CoV-2. <i>Trends in Immunology</i> , 2021, 42, 1069-1072.	2.9	10
25	The Thiazole-5-Carboxamide GPS491 Inhibits HIV-1, Adenovirus, and Coronavirus Replication by Altering RNA Processing/Accumulation. <i>Viruses</i> , 2022, 14, 60.	1.5	10
26	Controlling Nipah virus encephalitis in Bangladesh: Policy options. <i>Journal of Public Health Policy</i> , 2015, 36, 270-282.	1.0	9
27	Immunogenicity of convalescent and vaccinated sera against clinical isolates of ancestral SARS-CoV-2, Beta, Delta, and Omicron variants. <i>Med</i> , 2022, 3, 422-432.e3.	2.2	9
28	Genotyping SARS-CoV-2 through an interactive web application. <i>The Lancet Digital Health</i> , 2020, 2, e340-e341.	5.9	7
29	Two DNA vaccines protect against severe disease and pathology due to SARS-CoV-2 in Syrian hamsters. <i>Npj Vaccines</i> , 2022, 7, 49.	2.9	7
30	Seroprevalence in Bats and Detection of <i>Borrelia burgdorferi</i> in Bat Ectoparasites. <i>Microorganisms</i> , 2020, 8, 440.	1.6	6
31	Intronic regulation of SARS-CoV-2 receptor (ACE2) expression mediated by immune signaling and oxidative stress pathways. <i>IScience</i> , 2022, 25, 104614.	1.9	6
32	Vulnerability, hysteria and fear “conquering” Ebola virus. <i>Medical Journal of Australia</i> , 2014, 201, 320-321.	0.8	5
33	Bat Influenza Viruses: Making a Double Agent of MHC Class II. <i>Trends in Microbiology</i> , 2020, 28, 703-706.	3.5	5
34	Caution: choice of fixative can influence the visualization of the location of a transcription factor in mammalian cells. <i>BioTechniques</i> , 2018, 65, 65-69.	0.8	3
35	Probe design for simultaneous, targeted capture of diverse metagenomic targets. <i>Cell Reports Methods</i> , 2021, 1, 100069.	1.4	3
36	Developing the Tools to Manage Complex Crises. <i>Pedagogy in Health Promotion</i> , 2016, 2, 201-205.	0.4	2

#	ARTICLE	IF	CITATIONS
37	Commentary: Phyllostomid bat microbiome composition is associated to host phylogeny and feeding strategies. <i>Frontiers in Microbiology</i> , 2018, 9, 2863.	1.5	2
38	Virus hunters: Discovering the evolutionary origins of SARS-CoV-2. <i>Cell Host and Microbe</i> , 2021, 29, 1031-1033.	5.1	2
39	Systematic Genome-Scale Identification of Host Factors for SARS-CoV-2 Infection Across Models Yields a Core Single Gene Dependency; <i>Ace2</i>. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
40	Recombination Potential of SARS-CoV-2 and MERS-CoV. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
41	Probe Design for Simultaneous, Targeted Capture of Diverse Metagenomic Targets. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
42	Immunogenicity of Convalescent and Vaccinated Sera Against Clinical Isolates of Ancestral SARS-CoV-2, Beta, Delta, and Omicron Variants. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0