

Xiaowei Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,601
citations

1040056

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docs citations

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times ranked

3195
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the Natural Origins of SARS-CoV-2 in the Light of Recombination. <i>Genome Biology and Evolution</i> , 2022, 14, .	2.5	93
2	The animal origin of SARS-CoV-2. <i>Science</i> , 2021, 373, 968-970.	12.6	72
3	The origins of SARS-CoV-2: A critical review. <i>Cell</i> , 2021, 184, 4848-4856.	28.9	330
4	Evolutionary origins of the SARS-CoV-2 sarbecovirus lineage responsible for the COVID-19 pandemic. <i>Nature Microbiology</i> , 2020, 5, 1408-1417.	13.3	772
5	Why is cancer not more common? A changing microenvironment may help to explain why, and suggests strategies for anti-cancer therapy. <i>Open Biology</i> , 2020, 10, 190297.	3.6	4
6	In silico prediction of structural changes in human papillomavirus type 16 (HPV16) E6 oncoprotein and its variants. <i>BMC Molecular and Cell Biology</i> , 2019, 20, 35.	2.0	11
7	The evolutionary landscape of colorectal tumorigenesis. <i>Nature Ecology and Evolution</i> , 2018, 2, 1661-1672.	7.8	99
8	In situ functional dissection of RNA cis-regulatory elements by multiplex CRISPR-Cas9 genome engineering. <i>Nature Communications</i> , 2017, 8, 2109.	12.8	11
9	Protein structural disorder of the envelope V3 loop contributes to the switch in human immunodeficiency virus type 1 cell tropism. <i>PLoS ONE</i> , 2017, 12, e0185790.	2.5	7
10	Ebolavirus is evolving but not changing: No evidence for functional change in EBOV from 1976 to the 2014 outbreak. <i>Virology</i> , 2015, 482, 202-207.	2.4	31
11	Characterizing the Diverse Mutational Pathways Associated with R5-Tropic Maraviroc Resistance: HIV-1 That Uses the Drug-Bound CCR5 Coreceptor. <i>Journal of Virology</i> , 2015, 89, 11457-11472.	3.4	31
12	Proteome-Wide Analysis of Functional Divergence in Bacteria: Exploring a Host of Ecological Adaptations. <i>PLoS ONE</i> , 2012, 7, e35659.	2.5	16
13	Functional Diversification of the Twin-Arginine Translocation Pathway Mediates the Emergence of Novel Ecological Adaptations. <i>Molecular Biology and Evolution</i> , 2011, 28, 3183-3193.	8.9	4
14	Phylogenomic inference of functional divergence. <i>BMC Bioinformatics</i> , 2009, 10, .	2.6	1
15	IDENTIFYING COEVOLUTIONARY PATTERNS IN HUMAN LEUKOCYTE ANTIGEN (HLA) MOLECULES. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 64, 1429-45.	2.3	3