

Xiaowei Jiang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

803
citations

10
h-index

24
g-index

24
ext. papers

1,304
ext. citations

12.4
avg, IF

4.61
L-index

#	Paper	IF	Citations
18	Exploring the natural origins of SARS-CoV-2 in the light of recombination.. <i>Genome Biology and Evolution</i> , 2022 ,	3.9	14
17	The animal origin of SARS-CoV-2. <i>Science</i> , 2021 , 373, 968-970	33.3	21
16	The origins of SARS-CoV-2: A critical review. <i>Cell</i> , 2021 , 184, 4848-4856	56.2	103
15	Evolutionary origins of the SARS-CoV-2 sarbecovirus lineage responsible for the COVID-19 pandemic. <i>Nature Microbiology</i> , 2020 , 5, 1408-1417	26.6	447
14	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	7	3
13	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	2.7	5
12	The evolutionary landscape of colorectal tumorigenesis. <i>Nature Ecology and Evolution</i> , 2018 , 2, 1661-1672.3	2.3	52
11	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	3.7	6
10	In situ functional dissection of RNA cis-regulatory elements by multiplex CRISPR-Cas9 genome engineering. <i>Nature Communications</i> , 2017 , 8, 2109	17.4	7
9	Ebolavirus is evolving but not changing: No evidence for functional change in EBOV from 1976 to the 2014 outbreak. <i>Virology</i> , 2015 , 482, 202-7	3.6	23
8	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, 11457-72	6.6	25
7	Proteome-wide analysis of functional divergence in bacteria: exploring a host of ecological adaptations. <i>PLoS ONE</i> , 2012 , 7, e35659	3.7	12
6	Functional diversification of the twin-arginine translocation pathway mediates the emergence of novel ecological adaptations. <i>Molecular Biology and Evolution</i> , 2011 , 28, 3183-93	8.3	4
5	Identifying coevolutionary patterns in human leukocyte antigen (HLA) molecules. <i>Evolution; International Journal of Organic Evolution</i> , 2010 , 64, 1429-45	3.8	3
4	Phylogenomic inference of functional divergence. <i>BMC Bioinformatics</i> , 2009 , 10,	3.6	1
3	Evolutionary origins of the SARS-CoV-2 sarbecovirus lineage responsible for the COVID-19 pandemic		54
2	Exploring the natural origins of SARS-CoV-2 in the light of recombination		18

1 How One Pandemic Led To Another: Asfv, the Disruption Contributing To Sars-Cov-2 Emergence in Wuhan 5