

# Xiaowei Jiang

## List of Publications by Citations

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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	Evolutionary origins of the SARS-CoV-2 sarbecovirus lineage responsible for the COVID-19 pandemic. <i>Nature Microbiology</i> , <b>2020</b> , 5, 1408-1417	26.6	447
17	The origins of SARS-CoV-2: A critical review. <i>Cell</i> , <b>2021</b> , 184, 4848-4856	56.2	103
16	Evolutionary origins of the SARS-CoV-2 sarbecovirus lineage responsible for the COVID-19 pandemic		54
15	The evolutionary landscape of colorectal tumorigenesis. <i>Nature Ecology and Evolution</i> , <b>2018</b> , 2, 1661-1672	2.3	52
14	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> , <b>2015</b> , 89, 11457-72	6.6	25
13	Ebolavirus is evolving but not changing: No evidence for functional change in EBOV from 1976 to the 2014 outbreak. <i>Virology</i> , <b>2015</b> , 482, 202-7	3.6	23
12	The animal origin of SARS-CoV-2. <i>Science</i> , <b>2021</b> , 373, 968-970	33.3	21
11	Exploring the natural origins of SARS-CoV-2 in the light of recombination		18
10	Exploring the natural origins of SARS-CoV-2 in the light of recombination.. <i>Genome Biology and Evolution</i> , <b>2022</b> ,	3.9	14
9	Proteome-wide analysis of functional divergence in bacteria: exploring a host of ecological adaptations. <i>PLoS ONE</i> , <b>2012</b> , 7, e35659	3.7	12
8	In situ functional dissection of RNA cis-regulatory elements by multiplex CRISPR-Cas9 genome engineering. <i>Nature Communications</i> , <b>2017</b> , 8, 2109	17.4	7
7	Protein structural disorder of the envelope V3 loop contributes to the switch in human immunodeficiency virus type 1 cell tropism. <i>PLoS ONE</i> , <b>2017</b> , 12, e0185790	3.7	6
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> , <b>2019</b> , 20, 35	2.7	5
5	How One Pandemic Led To Another: Asfv, the Disruption Contributing To Sars-Cov-2 Emergence in Wuhan		5
4	Functional diversification of the twin-arginine translocation pathway mediates the emergence of novel ecological adaptations. <i>Molecular Biology and Evolution</i> , <b>2011</b> , 28, 3183-93	8.3	4
3	Identifying coevolutionary patterns in human leukocyte antigen (HLA) molecules. <i>Evolution; International Journal of Organic Evolution</i> , <b>2010</b> , 64, 1429-45	3.8	3
2	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> , <b>2020</b> , 10, 190297	7	3

1 Phylogenomic inference of functional divergence. *BMC Bioinformatics*, **2009**, 10, 3.6 1