

# Xin Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1181311/publications.pdf>

Version: 2024-02-01

14  
papers

1,756  
citations

1040056

9  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

4607  
citing authors

#	ARTICLE	IF	CITATIONS
1	TMPRSS2 and TMPRSS4 promote SARS-CoV-2 infection of human small intestinal enterocytes. <i>Science Immunology</i> , 2020, 5, .	11.9	811
2	High-Photoluminescence-Yield Gold Nanocubes: For Cell Imaging and Photothermal Therapy. <i>ACS Nano</i> , 2010, 4, 113-120.	14.6	233
3	Potential therapeutic effects of dipyridamole in the severely ill patients with COVID-19. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 1205-1215.	12.0	193
4	Cholesterol 25-hydroxylase suppresses SARS-CoV-2 replication by blocking membrane fusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32105-32113.	7.1	192
5	Identify potent SARS-CoV-2 main protease inhibitors via accelerated free energy perturbation-based virtual screening of existing drugs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27381-27387.	7.1	174
6	STAG2 deficiency induces interferon responses via cGAS-STING pathway and restricts virus infection. <i>Nature Communications</i> , 2018, 9, 1485.	12.8	68
7	Xanthohumol Is a Potent Pan-Inhibitor of Coronaviruses Targeting Main Protease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12134.	4.1	19
8	Reply to Ma and Wang: Reliability of various in vitro activity assays on SARS-CoV-2 main protease inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	15
9	JIB-04 Has Broad-Spectrum Antiviral Activity and Inhibits SARS-CoV-2 Replication and Coronavirus Pathogenesis. <i>MBio</i> , 2022, 13, e0337721.	4.1	14
10	Chicken HS4 insulator significantly improves baculovirus-mediated foreign gene expression in insect cells by modifying the structure of neighbouring chromatin in virus minichromosome. <i>Journal of Biotechnology</i> , 2009, 142, 193-199.	3.8	9
11	DNA methyltransferase inhibitors increase baculovirus-mediated gene expression in mammalian cells when applied before infection. <i>Analytical Biochemistry</i> , 2010, 396, 322-324.	2.4	7
12	Virtual Screening Guided Design, Synthesis and Bioactivity Study of Benzisoselenazolones (BISAs) on Inhibition of c-Met and Its Downstream Signalling Pathways. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2489.	4.1	6
13	New Tetramic Acid Derivatives From the Deep-Sea-Derived Fungus <i>Penicillium</i> sp. SCSIO06868 With SARS-CoV-2 Mpro Inhibitory Activity Evaluation. <i>Frontiers in Microbiology</i> , 2021, 12, 730807.	3.5	4
14	Reply to Behnam and Klein: Potential role of the His-tag in C-terminal His-tagged SARS-CoV-2 main protease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	1