

Fuqing Wu

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.

25
papers

853
citations

11
h-index

29
g-index

30
ext. papers

1,331
ext. citations

7.9
avg. IF

4.07
L-index

#	Paper	IF	Citations
25	Metrics to relate COVID-19 wastewater data to clinical testing dynamics.. <i>Water Research</i> , 2022 , 212, 118070	12.5	3
24	SARS-CoV-2 RNA concentrations in wastewater foreshadow dynamics and clinical presentation of new COVID-19 cases. <i>Science of the Total Environment</i> , 2022 , 805, 150121	10.2	51
23	Making Waves: Wastewater Surveillance of SARS-CoV-2 in an Endemic Future. <i>Water Research</i> , 2022 , 118535	12.5	4
22	Predictable control of RNA lifetime using engineered degradation-tuning RNAs. <i>Nature Chemical Biology</i> , 2021 , 17, 828-836	11.7	3
21	Metrics to relate COVID-19 wastewater data to clinical testing dynamics 2021 ,		3
20	Quantitative SARS-CoV-2 Alpha Variant B.1.1.7 Tracking in Wastewater by Allele-Specific RT-qPCR. <i>Environmental Science and Technology Letters</i> , 2021 , 8, 675-682	11	17
19	Wastewater Surveillance of SARS-CoV-2 across 40 U.S. states 2021 ,		12
18	Wastewater surveillance of SARS-CoV-2 across 40 U.S. states from February to June 2020. <i>Water Research</i> , 2021 , 202, 117400	12.5	35
17	SARS-CoV-2 titers in wastewater foreshadow dynamics and clinical presentation of new COVID-19 cases 2020 ,		56
16	SARS-CoV-2 Titers in Wastewater Are Higher than Expected from Clinically Confirmed Cases. <i>MSystems</i> , 2020 , 5,	7.6	385
15	Design of Adjacent Transcriptional Regions to Tune Gene Expression and Facilitate Circuit Construction. <i>Cell Systems</i> , 2018 , 6, 206-215.e6	10.6	11
14	Engineering of a synthetic quadrastable gene network to approach Waddington landscape and cell fate determination. <i>ELife</i> , 2017 , 6,	8.9	44
13	Build to understand: synthetic approaches to biology. <i>Integrative Biology (United Kingdom)</i> , 2016 , 8, 394-408	3.7	21
12	Applications of synthetic gene networks. <i>Science Progress</i> , 2015 , 98, 244-52	1.1	5
11	Quorum-sensing crosstalk-driven synthetic circuits: from unimodality to trimodality. <i>Chemistry and Biology</i> , 2014 , 21, 1629-38		62
10	Live cell imaging fails to support viral-protein-mediated intercellular trafficking. <i>Archives of Virology</i> , 2012 , 157, 1383-6	2.6	1
9	Characterization of nuclear import and export signals determining the subcellular localization of WD repeat-containing protein 42A (WDR42A). <i>FEBS Letters</i> , 2012 , 586, 1079-85	3.8	7

8	Screening and identification of host factors interacting with UL14 of herpes simplex virus 1. <i>Medical Microbiology and Immunology</i> , 2011 , 200, 203-8	4	5
7	Granulysin production and anticryptococcal activity is dependent upon a far upstream enhancer that binds STAT5 in human peripheral blood CD4+ T cells. <i>Journal of Immunology</i> , 2010 , 185, 5074-81	53	8
6	Molecular anatomy of subcellular localization of HSV-1 tegument protein US11 in living cells. <i>Virus Research</i> , 2010 , 153, 71-81	6.4	27
5	Quantitative detection of SARS-CoV-2 Omicron BA.1 and BA.2 variants in wastewater through allele-specific RT-qPCR		3
4	SARS-CoV-2 titers in wastewater are higher than expected from clinically confirmed cases		78
3	Quantitative detection of SARS-CoV-2 B.1.1.7 variant in wastewater by allele-specific RT-qPCR		5
2	Quantitative SARS-CoV-2 tracking of variants Delta, Delta plus, Kappa and Beta in wastewater by allele-specific RT-qPCR		3
1	Nationwide trends in COVID-19 cases and SARS-CoV-2 wastewater concentrations in the United States		2