

# Fuqing Wu

## 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.

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	SARS-CoV-2 Titers in Wastewater Are Higher than Expected from Clinically Confirmed Cases. <i>MSystems</i> , <b>2020</b> , 5,	7.6	385
24	SARS-CoV-2 titers in wastewater are higher than expected from clinically confirmed cases		78
23	Quorum-sensing crosstalk-driven synthetic circuits: from unimodality to trimodality. <i>Chemistry and Biology</i> , <b>2014</b> , 21, 1629-38		62
22	SARS-CoV-2 titers in wastewater foreshadow dynamics and clinical presentation of new COVID-19 cases <b>2020</b> ,		56
21	SARS-CoV-2 RNA concentrations in wastewater foreshadow dynamics and clinical presentation of new COVID-19 cases. <i>Science of the Total Environment</i> , <b>2022</b> , 805, 150121	10.2	51
20	Engineering of a synthetic quadrastable gene network to approach Waddington landscape and cell fate determination. <i>ELife</i> , <b>2017</b> , 6,	8.9	44
19	Wastewater surveillance of SARS-CoV-2 across 40 U.S. states from February to June 2020. <i>Water Research</i> , <b>2021</b> , 202, 117400	12.5	35
18	Molecular anatomy of subcellular localization of HSV-1 tegument protein US11 in living cells. <i>Virus Research</i> , <b>2010</b> , 153, 71-81	6.4	27
17	Build to understand: synthetic approaches to biology. <i>Integrative Biology (United Kingdom)</i> , <b>2016</b> , 8, 394-408	4.8	21
16	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> , <b>2021</b> , 8, 675-682	11	17
15	Wastewater Surveillance of SARS-CoV-2 across 40 U.S. states <b>2021</b> ,		12
14	Design of Adjacent Transcriptional Regions to Tune Gene Expression and Facilitate Circuit Construction. <i>Cell Systems</i> , <b>2018</b> , 6, 206-215.e6	10.6	11
13	Granulysin production and anticytotoxic activity is dependent upon a far upstream enhancer that binds STAT5 in human peripheral blood CD4+ T cells. <i>Journal of Immunology</i> , <b>2010</b> , 185, 5074-81	5.3	8
12	Characterization of nuclear import and export signals determining the subcellular localization of WD repeat-containing protein 42A (WDR42A). <i>FEBS Letters</i> , <b>2012</b> , 586, 1079-85	3.8	7
11	Applications of synthetic gene networks. <i>Science Progress</i> , <b>2015</b> , 98, 244-52	1.1	5
10	Screening and identification of host factors interacting with UL14 of herpes simplex virus 1. <i>Medical Microbiology and Immunology</i> , <b>2011</b> , 200, 203-8	4	5
9	Quantitative detection of SARS-CoV-2 B.1.1.7 variant in wastewater by allele-specific RT-qPCR		5

8	Making Waves: Wastewater Surveillance of SARS-CoV-2 in an Endemic Future. <i>Water Research</i> , <b>2022</b> , 118535	12.5	4
7	Metrics to relate COVID-19 wastewater data to clinical testing dynamics.. <i>Water Research</i> , <b>2022</b> , 212, 118070	12.5	3
6	Quantitative detection of SARS-CoV-2 Omicron BA.1 and BA.2 variants in wastewater through allele-specific RT-qPCR		3
5	Predictable control of RNA lifetime using engineered degradation-tuning RNAs. <i>Nature Chemical Biology</i> , <b>2021</b> , 17, 828-836	11.7	3
4	Metrics to relate COVID-19 wastewater data to clinical testing dynamics <b>2021</b> ,		3
3	Quantitative SARS-CoV-2 tracking of variants Delta, Delta plus, Kappa and Beta in wastewater by allele-specific RT-qPCR		3
2	Nationwide trends in COVID-19 cases and SARS-CoV-2 wastewater concentrations in the United States		2
1	Live cell imaging fails to support viral-protein-mediated intercellular trafficking. <i>Archives of Virology</i> , <b>2012</b> , 157, 1383-6	2.6	1