

# Fuqing Wu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3745927/publications.pdf>

Version: 2024-02-01

19  
papers

1,722  
citations

623574

14  
h-index

794469

19  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2279  
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 Titers in Wastewater Are Higher than Expected from Clinically Confirmed Cases. <i>MSystems</i> , 2020, 5, .	1.7	649
2	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.	3.9	192
3	Wastewater surveillance of SARS-CoV-2 across 40 U.S. states from February to June 2020. <i>Water Research</i> , 2021, 202, 117400.	5.3	119
4	Quorum-Sensing Crosstalk-Driven Synthetic Circuits: From Unimodality to Trimodality. <i>Chemistry and Biology</i> , 2014, 21, 1629-1638.	6.2	76
5	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.	3.9	68
6	Metrics to relate COVID-19 wastewater data to clinical testing dynamics. <i>Water Research</i> , 2022, 212, 118070.	5.3	68
7	Engineering of a synthetic quadrastable gene network to approach Waddington landscape and cell fate determination. <i>ELife</i> , 2017, 6, .	2.8	67
8	Nationwide Trends in COVID-19 Cases and SARS-CoV-2 RNA Wastewater Concentrations in the United States. <i>ACS ES&amp;T Water</i> , 2022, 2, 1899-1909.	2.3	46
9	Making waves: Wastewater surveillance of SARS-CoV-2 in an endemic future. <i>Water Research</i> , 2022, 219, 118535.	5.3	37
10	Rapid displacement of SARS-CoV-2 variant Delta by Omicron revealed by allele-specific PCR in wastewater. <i>Water Research</i> , 2022, 221, 118809.	5.3	30
11	Molecular anatomy of subcellular localization of HSV-1 tegument protein US11 in living cells. <i>Virus Research</i> , 2010, 153, 71-81.	1.1	29
12	Build to understand: synthetic approaches to biology. <i>Integrative Biology (United Kingdom)</i> , 2016, 8, 394-408.	0.6	26
13	Design of Adjacent Transcriptional Regions to Tune Gene Expression and Facilitate Circuit Construction. <i>Cell Systems</i> , 2018, 6, 206-215.e6.	2.9	18
14	Predictable control of RNA lifetime using engineered degradation-tuning RNAs. <i>Nature Chemical Biology</i> , 2021, 17, 828-836.	3.9	17
15	Applications of Synthetic Gene Networks. <i>Science Progress</i> , 2015, 98, 244-252.	1.0	10
16	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, 5074-5081.	0.4	8
17	Characterization of nuclear import and export signals determining the subcellular localization of WD repeat-containing protein 42A (WDR42A). <i>FEBS Letters</i> , 2012, 586, 1079-1085.	1.3	7
18	Screening and identification of host factors interacting with UL14 of herpes simplex virus 1. <i>Medical Microbiology and Immunology</i> , 2011, 200, 203-208.	2.6	5

#	ARTICLE	IF	CITATIONS
19	Live cell imaging fails to support viral-protein-mediated intercellular trafficking. Archives of Virology, 2012, 157, 1383-1386.	0.9	1