

Lei Sun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5852069/publications.pdf>

Version: 2024-02-01

9
papers

418
citations

1307594

7
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

667
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-Time Evolution of New Genes by Innovation, Amplification, and Divergence. <i>Science</i> , 2012, 338, 384-387.	12.6	202
2	Bacterial predator-prey coevolution accelerates genome evolution and selects on virulence-associated prey defences. <i>Nature Communications</i> , 2019, 10, 4301.	12.8	72
3	Comparing treatment strategies to reduce antibiotic resistance in an in vitro epidemiological setting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	38
4	Effective polyploidy causes phenotypic delay and influences bacterial evolvability. <i>PLoS Biology</i> , 2018, 16, e2004644.	5.6	37
5	Social genes are selection hotspots in kin groups of a soil microbe. <i>Science</i> , 2019, 363, 1342-1345.	12.6	32
6	Handheld Microfluidic Filtration Platform Enables Rapid, Low-Cost, and Robust Self-Testing of SARS-CoV-2 Virus. <i>Small</i> , 2021, 17, e2104009.	10.0	20
7	Stochastic Gene Expression Influences the Selection of Antibiotic Resistance Mutations. <i>Molecular Biology and Evolution</i> , 2020, 37, 58-70.	8.9	8
8	The genetic mechanism of selfishness and altruism in parent-offspring coadaptation. <i>Science Advances</i> , 2020, 6, eaaw0070.	10.3	8
9	Handheld Microfluidic Filtration Platform Enables Rapid, Low-Cost, and Robust Self-Testing of SARS-CoV-2 Virus (Small 52/2021). <i>Small</i> , 2021, 17, .	10.0	0