

Orna Dahan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6269893/publications.pdf>

Version: 2024-02-01

16
papers

1,752
citations

759233

12
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

2583
citing authors

#	ARTICLE	IF	CITATIONS
1	A broad analysis of splicing regulation in yeast using a large library of synthetic introns. PLoS Genetics, 2021, 17, e1009805.	3.5	16
2	Dynamic changes in tRNA modifications and abundance during T cell activation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	27
3	Experimental Evolution of <i>Bacillus subtilis</i> Reveals the Evolutionary Dynamics of Horizontal Gene Transfer and Suggests Adaptive and Neutral Effects. Genetics, 2020, 216, 543-558.	2.9	20
4	Manipulation of the human tRNA pool reveals distinct tRNA sets that act in cellular proliferation or cell cycle arrest. ELife, 2020, 9, .	6.0	21
5	Systematic Detection of Amino Acid Substitutions in Proteomes Reveals Mechanistic Basis of Ribosome Errors and Selection for Translation Fidelity. Molecular Cell, 2019, 75, 427-441.e5.	9.7	84
6	Harnessing robotic automation and web-based technologies to modernize scientific outreach. PLoS Biology, 2019, 17, e3000348.	5.6	2
7	Evolthon: A community endeavor to evolve lab evolution. PLoS Biology, 2019, 17, e3000182.	5.6	10
8	RNA editing in bacteria: occurrence, regulation and significance. RNA Biology, 2018, 15, 863-867.	3.1	17
9	Repertoires of tRNAs: The Couplers of Genomics and Proteomics. Annual Review of Cell and Developmental Biology, 2018, 34, 239-264.	9.4	72
10	RNA editing in bacteria recodes multiple proteins and regulates an evolutionarily conserved toxin-antitoxin system. Genome Research, 2017, 27, 1696-1703.	5.5	51
11	Tissue- and Time-Specific Expression of Otherwise Identical tRNA Genes. PLoS Genetics, 2016, 12, e1006264.	3.5	50
12	A Comprehensive tRNA Deletion Library Unravels the Genetic Architecture of the tRNA Pool. PLoS Genetics, 2014, 10, e1004084.	3.5	72
13	A Dual Program for Translation Regulation in Cellular Proliferation and Differentiation. Cell, 2014, 158, 1281-1292.	28.9	414
14	Dynamic changes in translational efficiency are deduced from codon usage of the transcriptome. Nucleic Acids Research, 2012, 40, 10053-10063.	14.5	55
15	Regulatory mechanisms and networks couple the different phases of gene expression. Trends in Genetics, 2011, 27, 316-322.	6.7	75
16	An Evolutionarily Conserved Mechanism for Controlling the Efficiency of Protein Translation. Cell, 2010, 141, 344-354.	28.9	759