

Idan Frumkin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9548155/publications.pdf>

Version: 2024-02-01

9
papers

587
citations

1163117
8
h-index

1588992
8
g-index

11
all docs

11
docs citations

11
times ranked

1070
citing authors

#	ARTICLE	IF	CITATIONS
1	Codon usage of highly expressed genes affects proteome-wide translation efficiency. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4940-E4949.	7.1	177
2	Mitochondrial 16S rRNA Is Methylated by tRNA Methyltransferase TRMT61B in All Vertebrates. PLoS Biology, 2016, 14, e1002557.	5.6	95
3	tRNA genes rapidly change in evolution to meet novel translational demands. ELife, 2013, 2, e01339.	6.0	81
4	Gene Architectures that Minimize Cost of Gene Expression. Molecular Cell, 2017, 65, 142-153.	9.7	77
5	A Relay Race on the Evolutionary Adaptation Spectrum. Cell, 2015, 163, 549-559.	28.9	73
6	The Yeast ER-Intramembrane Protease Ypf1 Refines Nutrient Sensing by Regulating Transporter Abundance. Molecular Cell, 2014, 56, 630-640.	9.7	48
7	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
8	Evolution of intron splicing towards optimized gene expression is based on various Cis- and Trans-molecular mechanisms. PLoS Biology, 2019, 17, e3000423.	5.6	14
9	Does cancer strive to minimize the cost of gene expression?. Oncotarget, 2018, 9, 27909-27910.	1.8	0