

# 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	Manipulation of the human tRNA pool reveals distinct tRNA sets that act in cellular proliferation or cell cycle arrest. <i>ELife</i> , 2020, 9, .	6.0	21
2	Evolution of intron splicing towards optimized gene expression is based on various Cis- and Trans-molecular mechanisms. <i>PLoS Biology</i> , 2019, 17, e3000423.	5.6	14
3	Codon usage of highly expressed genes affects proteome-wide translation efficiency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4940-E4949.	7.1	177
4	Does cancer strive to minimize the cost of gene expression?. <i>Oncotarget</i> , 2018, 9, 27909-27910.	1.8	0
5	Gene Architectures that Minimize Cost of Gene Expression. <i>Molecular Cell</i> , 2017, 65, 142-153.	9.7	77
6	Mitochondrial 16S rRNA Is Methylated by tRNA Methyltransferase TRMT61B in All Vertebrates. <i>PLoS Biology</i> , 2016, 14, e1002557.	5.6	95
7	A Relay Race on the Evolutionary Adaptation Spectrum. <i>Cell</i> , 2015, 163, 549-559.	28.9	73
8	The Yeast ER-Intramembrane Protease Ypf1 Refines Nutrient Sensing by Regulating Transporter Abundance. <i>Molecular Cell</i> , 2014, 56, 630-640.	9.7	48
9	tRNA genes rapidly change in evolution to meet novel translational demands. <i>ELife</i> , 2013, 2, e01339.	6.0	81