

# Jing Yuan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7764582/publications.pdf>

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16  
papers

1,033  
citations

686830

13  
h-index

1058022

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1242  
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA-dependent conversion of phosphoserine forms selenocysteine in eukaryotes and archaea. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 18923-18927.	3.3	428
2	From one amino acid to another: tRNA-dependent amino acid biosynthesis. <i>Nucleic Acids Research</i> , 2008, 36, 1813-1825.	6.5	157
3	Osmosensing by the bacterial PhoQ/PhoP two-component system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10792-E10798.	3.3	86
4	The heteromeric Nanoarchaeum equitans splicing endonuclease cleaves noncanonical bulge-helix-bulge motifs of joined tRNA halves. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 17934-17939.	3.3	71
5	Distinct genetic code expansion strategies for selenocysteine and pyrrolysine are reflected in different aminoacyl-tRNA formation systems. <i>FEBS Letters</i> , 2010, 584, 342-349.	1.3	69
6	Structural insights into RNA-dependent eukaryal and archaeal selenocysteine formation. <i>Nucleic Acids Research</i> , 2007, 36, 1187-1199.	6.5	48
7	Amino acid modifications on tRNA<sup>Phe</sup>. <i>Acta Biochimica Et Biophysica Sinica</i> , 2008, 40, 539-553.	0.9	27
8	Functional Determinants of a Small Protein Controlling a Broadly Conserved Bacterial Sensor Kinase. <i>Journal of Bacteriology</i> , 2020, 202, .	1.0	26
9	Change of tRNA identity leads to a divergent orthogonal histidyl-tRNA synthetase/tRNA <sup>His</sup> pair. <i>Nucleic Acids Research</i> , 2011, 39, 2286-2293.	6.5	23
10	A tRNA-dependent cysteine biosynthesis enzyme recognizes the selenocysteine-specific tRNA in <i>Escherichia coli</i> . <i>FEBS Letters</i> , 2010, 584, 2857-2861.	1.3	21
11	Bacterial Small Membrane Proteins: the Swiss Army Knife of Regulators at the Lipid Bilayer. <i>Journal of Bacteriology</i> , 2022, 204, JB0034421.	1.0	21
12	How an obscure archaeal gene inspired the discovery of selenocysteine biosynthesis in humans. <i>IUBMB Life</i> , 2009, 61, 35-39.	1.5	20
13	Genetic analysis of selenocysteine biosynthesis in the archaeon <i>Methanococcus maripaludis</i> . <i>Molecular Microbiology</i> , 2011, 81, 249-258.	1.2	19
14	Catalytic Mechanism of Sep-tRNA:Cys-tRNA Synthase. <i>Journal of Biological Chemistry</i> , 2012, 287, 5426-5433.	1.6	16
15	Features of Aminoacyl-tRNA Synthesis Unique to Archaea. , 0, , 198-208.		1
16	RNA-Dependent Cysteine Biosynthesis in Archaea. <i>FASEB Journal</i> , 2006, 20, A503.	0.2	0