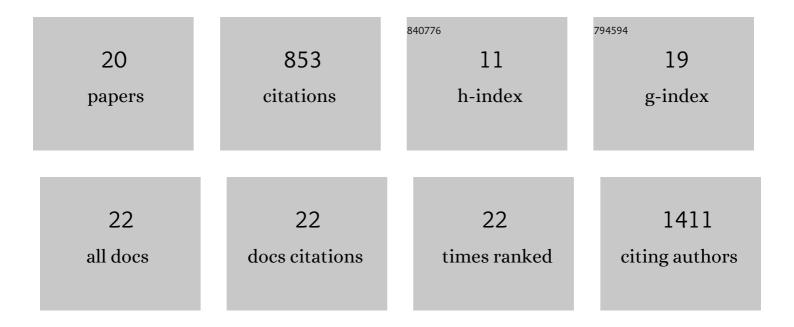
## Jinzhong Lin

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/318954/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Ribosome-Targeting Antibiotics: Modes of Action, Mechanisms of Resistance, and Implications for Drug Design. Annual Review of Biochemistry, 2018, 87, 451-478.	11.1	199
2	Crystal structure of an RNA-cleaving DNAzyme. Nature Communications, 2017, 8, 2006.	12.8	155
3	Conformational Changes of Elongation Factor G on the Ribosome during tRNA Translocation. Cell, 2015, 160, 219-227.	28.9	117
4	A COVID-19 mRNA vaccine encoding SARS-CoV-2 virus-like particles induces a strong antiviral-like immune response in mice. Cell Research, 2020, 30, 936-939.	12.0	116
5	LARP7-Mediated U6 snRNA Modification Ensures Splicing Fidelity and Spermatogenesis in Mice. Molecular Cell, 2020, 77, 999-1013.e6.	9.7	41
6	Crystal structure of elongation factor 4 bound to a clockwise ratcheted ribosome. Science, 2014, 345, 684-687.	12.6	36
7	Alternative polyadenylation dependent function of splicing factor SRSF3 contributes to cellular senescence. Aging, 2019, 11, 1356-1388.	3.1	33
8	Active RNA interference in mitochondria. Cell Research, 2021, 31, 219-228.	12.0	32
9	Structural basis for ribosome recycling by RRF and tRNA. Nature Structural and Molecular Biology, 2020, 27, 25-32.	8.2	29
10	High-resolution DNA quadruplex structure containing all the A-, G-, C-, T-tetrads. Nucleic Acids Research, 2018, 46, 11627-11638.	14.5	24
11	Elongation factor 4 remodels the A-site tRNA on the ribosome. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4994-4999.	7.1	19
12	Molecular basis of the multifaceted functions of human leucyl-tRNA synthetase in protein synthesis and beyond. Nucleic Acids Research, 2020, 48, 4946-4959.	14.5	11
13	A Single Dose of Anti-HBsAg Antibody-Encoding mRNA-LNPs Suppressed HBsAg Expression: a Potential Cure of Chronic Hepatitis B Virus Infection. MBio, 2022, 13, .	4.1	10
14	SIRT2â€knockdown rescues GARSâ€induced Charcotâ€Marieâ€Tooth neuropathy. Aging Cell, 2021, 20, e13391.	6.7	8
15	Investigations into the Antibacterial Mechanism of Action of Viridicatumtoxins. ACS Infectious Diseases, 2020, 6, 1759-1769.	3.8	8
16	Crystal structures and insights into precursor tRNA 5'-end processing by prokaryotic minimal protein-only RNase P. Nature Communications, 2022, 13, 2290.	12.8	6
17	Rpll interacts with 5' UTR of exsA to repress its translation and type III secretion system in Pseudomonas aeruginosa. PLoS Pathogens, 2022, 18, e1010170.	4.7	3
18	Annealing synchronizes the 70 <i>S</i> ribosome into a minimum-energy conformation. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	2

#	Article	IF	CITATIONS
19	mRNA痗法çš,,ç"ç©¶èį›å±•ä,ŽæŒ'æ~. Scientia Sinica Vitae, 2023, 53, 30-49.	0.3	1
20	Reconstruction of the rRNA Sequences of LUCA, with Bioinformatic Implication of the Local Similarities Shared by Them. Biology, 2022, 11, 837.	2.8	0