

Jinzhong Lin

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

853
citations

840776

11
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

1411
citing authors

#	ARTICLE	IF	CITATIONS
1	Ribosome-Targeting Antibiotics: Modes of Action, Mechanisms of Resistance, and Implications for Drug Design. <i>Annual Review of Biochemistry</i> , 2018, 87, 451-478.	11.1	199
2	Crystal structure of an RNA-cleaving DNAzyme. <i>Nature Communications</i> , 2017, 8, 2006.	12.8	155
3	Conformational Changes of Elongation Factor G on the Ribosome during tRNA Translocation. <i>Cell</i> , 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. <i>Cell Research</i> , 2020, 30, 936-939.	12.0	116
5	LARP7-Mediated U6 snRNA Modification Ensures Splicing Fidelity and Spermatogenesis in Mice. <i>Molecular Cell</i> , 2020, 77, 999-1013.e6.	9.7	41
6	Crystal structure of elongation factor 4 bound to a clockwise ratcheted ribosome. <i>Science</i> , 2014, 345, 684-687.	12.6	36
7	Alternative polyadenylation dependent function of splicing factor SRSF3 contributes to cellular senescence. <i>Aging</i> , 2019, 11, 1356-1388.	3.1	33
8	Active RNA interference in mitochondria. <i>Cell Research</i> , 2021, 31, 219-228.	12.0	32
9	Structural basis for ribosome recycling by RRF and tRNA. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 25-32.	8.2	29
10	High-resolution DNA quadruplex structure containing all the A-, G-, C-, T-tetrads. <i>Nucleic Acids Research</i> , 2018, 46, 11627-11638.	14.5	24
11	Elongation factor 4 remodels the A-site tRNA on the ribosome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4994-4999.	7.1	19
12	Molecular basis of the multifaceted functions of human leucyl-tRNA synthetase in protein synthesis and beyond. <i>Nucleic Acids Research</i> , 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. <i>MBio</i> , 2022, 13, .	4.1	10
14	SIRT2 knockdown rescues GARS-induced Charcot-Marie-Tooth neuropathy. <i>Aging Cell</i> , 2021, 20, e13391.	6.7	8
15	Investigations into the Antibacterial Mechanism of Action of Viridicatumtoxins. <i>ACS Infectious Diseases</i> , 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. <i>Nature Communications</i> , 2022, 13, 2290.	12.8	6
17	RplI interacts with 5' UTR of <i>exsA</i> to repress its translation and type III secretion system in <i>Pseudomonas aeruginosa</i> . <i>PLoS Pathogens</i> , 2022, 18, e1010170.	4.7	3
18	Annealing synchronizes the 70S ribosome into a minimum-energy conformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	2

#	ARTICLE	IF	CITATIONS
19	mRNAç—æ³•çš,,ç”ç©¶è¿;â±•ăŽæE'æ~. <i>Scientia Sinica Vitae</i> , 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. <i>Biology</i> , 2022, 11, 837.	2.8	0