Ming Sun

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4508556/publications.pdf

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19	1,631	687363 13	940533 16
papers	citations	h-index	g-index

28	28	28	3807
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Timeâ€Resolved Cryoâ€EM Study of Saccharomyces cerevisiae 80S Ribosome Protein Composition in Response to a Change in Carbon Source. Proteomics, 2021, 21, 2000125.	2.2	7
2	Comparative host-coronavirus protein interaction networks reveal pan-viral disease mechanisms. Science, 2020, 370, .	12.6	508
3	Escherichia coli NusG Links the Lead Ribosome with the Transcription Elongation Complex. IScience, 2020, 23, 101352.	4.1	43
4	An ultrapotent synthetic nanobody neutralizes SARS-CoV-2 by stabilizing inactive Spike. Science, 2020, 370, 1473-1479.	12.6	336
5	The structural basis for release-factor activation during translation termination revealed by time-resolved cryogenic electron microscopy. Nature Communications, 2019, 10, 2579.	12.8	43
6	Late steps in bacterial translation initiation visualized using time-resolved cryo-EM. Nature, 2019, 570, 400-404.	27.8	103
7	The Structural Basis for Release Factor Activation during Translation Termination Revealed by Time-Resolved Cryogenic Electron Microscopy. Biophysical Journal, 2019, 116, 574a-575a.	0.5	2
8	Critical Role for Saccharomyces cerevisiae Asc1p in Translational Initiation at Elevated Temperatures. Proteomics, 2018, 18, e1800208.	2.2	4
9	Identification of Changing Ribosome Protein Compositions using Mass Spectrometry. Proteomics, 2018, 18, e1800217.	2.2	29
10	Key Intermediates in Ribosome Recycling Visualized by Time-Resolved Cryoelectron Microscopy. journal of hand surgery Asian-Pacific volume, The, 2018, , 516-525.	0.4	0
11	A Fast and Effective Microfluidic Spraying-Plunging Method for High-Resolution Single-Particle Cryo-EM. Structure, 2017, 25, 663-670.e3.	3.3	112
12	Determination of the ribosome structure to a resolution of 2.5 Ã… by singleâ€particle cryoâ€EM. Protein Science, 2017, 26, 82-92.	7.6	26
13	Structure and assembly model for the Trypanosoma cruzi 60S ribosomal subunit. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12174-12179.	7.1	63
14	Key Intermediates in Ribosome Recycling Visualized by Time-Resolved Cryoelectron Microscopy. Structure, 2016, 24, 2092-2101.	3.3	68
15	Time-Resolved cryo-EM Study of Ribosome Subunit Association by Mixing-Spraying. Biophysical Journal, 2015, 108, 619a.	0.5	0
16	Structural Dynamics of Ribosome Subunit Association Studied by Mixing-Spraying Time-Resolved Cryogenic Electron Microscopy. Structure, 2015, 23, 1097-1105.	3.3	78
17	Dynamical features of thePlasmodium falciparumribosome during translation. Nucleic Acids Research, 2015, 43, gkv991.	14.5	48
18	A Time-Resolved CRYO-EM Study of Ribosome Subunit Association by Mixing-Spraying. Biophysical Journal, 2014, 106, 598a.	0.5	0

#	Article	IF	Citations
19	Structural basis for the function of a small GTPase RsgA on the 30S ribosomal subunit maturation revealed by cryoelectron microscopy. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13100-13105.	7.1	57