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	Comparative host-coronavirus protein interaction networks reveal pan-viral disease mechanisms. Science, 2020, 370, .	12.6	508
2	An ultrapotent synthetic nanobody neutralizes SARS-CoV-2 by stabilizing inactive Spike. Science, 2020, 370, 1473-1479.	12.6	336
3	A Fast and Effective Microfluidic Spraying-Plunging Method for High-Resolution Single-Particle Cryo-EM. Structure, 2017, 25, 663-670.e3.	3.3	112
4	Late steps in bacterial translation initiation visualized using time-resolved cryo-EM. Nature, 2019, 570, 400-404.	27.8	103
5	Structural Dynamics of Ribosome Subunit Association Studied by Mixing-Spraying Time-Resolved Cryogenic Electron Microscopy. Structure, 2015, 23, 1097-1105.	3.3	78
6	Key Intermediates in Ribosome Recycling Visualized by Time-Resolved Cryoelectron Microscopy. Structure, 2016, 24, 2092-2101.	3.3	68
7	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
8	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
9	Dynamical features of thePlasmodium falciparumribosome during translation. Nucleic Acids Research, 2015, 43, gkv991.	14.5	48
10	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
11	Escherichia coli NusG Links the Lead Ribosome with the Transcription Elongation Complex. IScience, 2020, 23, 101352.	4.1	43
12	Identification of Changing Ribosome Protein Compositions using Mass Spectrometry. Proteomics, 2018, 18, e1800217.	2.2	29
13	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
14	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
15	Critical Role for Saccharomyces cerevisiae Asc1p in Translational Initiation at Elevated Temperatures. Proteomics, 2018, 18, e1800208.	2.2	4
16	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
17	A Time-Resolved CRYO-EM Study of Ribosome Subunit Association by Mixing-Spraying. Biophysical Journal, 2014, 106, 598a.	0.5	0
18	Time-Resolved cryo-EM Study of Ribosome Subunit Association by Mixing-Spraying. Biophysical Journal, 2015, 108, 619a.	0.5	0

#	Article	IF	Citations
19	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