

Angelita Simonetti

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

994
citations

623574

14
h-index

752573

20
g-index

23
all docs

23
docs citations

23
times ranked

1158
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of the 30S translation initiation complex. <i>Nature</i> , 2008, 455, 416-420.	13.7	194
2	Conformational transition of initiation factor 2 from the GTP- to GDP-bound state visualized on the ribosome. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 1145-1149.	3.6	130
3	eIF3 Peripheral Subunits Rearrangement after mRNA Binding and Start-Codon Recognition. <i>Molecular Cell</i> , 2016, 63, 206-217.	4.5	94
4	Structureâ€“function insights into prokaryotic and eukaryotic translation initiation. <i>Current Opinion in Structural Biology</i> , 2009, 19, 300-309.	2.6	71
5	Structures and dynamics of hibernating ribosomes from <i>Staphylococcus aureus</i> mediated by intermolecular interactions of HPF. <i>EMBO Journal</i> , 2017, 36, 2073-2087.	3.5	62
6	Multiple ways to regulate translation initiation in bacteria: Mechanisms, regulatory circuits, dynamics. <i>Biochimie</i> , 2015, 114, 18-29.	1.3	55
7	ABCE1: A special factor that orchestrates translation at the crossroad between recycling and initiation. <i>RNA Biology</i> , 2017, 14, 1279-1285.	1.5	55
8	Involvement of protein IF2 N domain in ribosomal subunit joining revealed from architecture and function of the full-length initiation factor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15656-15661.	3.3	48
9	Structural Insights into the Mammalian Late-Stage Initiation Complexes. <i>Cell Reports</i> , 2020, 31, 107497.	2.9	47
10	Ribosomal 18S rRNA base pairs with mRNA during eukaryotic translation initiation. <i>Nature Communications</i> , 2016, 7, 12622.	5.8	41
11	Structural Insights into the Role of Diphthamide on Elongation Factor 2 in mRNA Reading-Frame Maintenance. <i>Journal of Molecular Biology</i> , 2018, 430, 2677-2687.	2.0	38
12	Initiation factor 2 crystal structure reveals a different domain organization from eukaryotic initiation factor 5B and mechanism among translational GTPases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15662-15667.	3.3	31
13	Structure of the protein core of translation initiation factor 2 in apo, GTP-bound and GDP-bound forms. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 925-933.	2.5	26
14	Purification of mRNAâ€“programmed translation initiation complexes suitable for mass spectrometry analysis. <i>Proteomics</i> , 2015, 15, 2417-2425.	1.3	25
15	Quantifying resolution limiting factors in subtomogram averaged cryo-electron tomography using simulations. <i>Journal of Structural Biology</i> , 2014, 187, 103-111.	1.3	19
16	Rapid purification of ribosomal particles assembled on histone H4 mRNA: a new method based on mRNAâ€“DNA chimaeras. <i>Biochemical Journal</i> , 2013, 449, 719-728.	1.7	14
17	The cryo-EM Structure of a Novel 40S Kinetoplastid-Specific Ribosomal Protein. <i>Structure</i> , 2017, 25, 1785-1794.e3.	1.6	14
18	Structural Differences in Translation Initiation between Pathogenic Trypanosomatids and Their Mammalian Hosts. <i>Cell Reports</i> , 2020, 33, 108534.	2.9	14

#	ARTICLE	IF	CITATIONS
19	The Halastavi Ājṛva Virus Intergenic Region IRES Promotes Translation by the Simplest Possible Initiation Mechanism. Cell Reports, 2020, 33, 108476.	2.9	11
20	Insights into translation initiation and termination complexes and into the polysome architecture. , 2011, , 113-128.		3
21	Grad-cryo-EM: Tool to Isolate Translation Initiation Complexes from Rabbit Reticulocyte Lysate Suitable for Structural Studies. Methods in Molecular Biology, 2020, 2113, 329-339.	0.4	1