Angelita Simonetti

List of Publications by Year
in descending order

21	994	623574 14	752573 20
papers	citations	h-index	g-index

23	23	23	1158
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Halastavi Ã¡rva Virus Intergenic Region IRES Promotes Translation by the Simplest Possible Initiation Mechanism. Cell Reports, 2020, 33, 108476.	2.9	11
2	Structural Insights into the Mammalian Late-Stage Initiation Complexes. Cell Reports, 2020, 31, 107497.	2.9	47
3	Structural Differences in Translation Initiation between Pathogenic Trypanosomatids and Their Mammalian Hosts. Cell Reports, 2020, 33, 108534.	2.9	14
4	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
5	Structural Insights into the Role of Diphthamide on Elongation Factor 2 in mRNA Reading-Frame Maintenance. Journal of Molecular Biology, 2018, 430, 2677-2687.	2.0	38
6	ABCE1: A special factor that orchestrates translation at the crossroad between recycling and initiation. RNA Biology, 2017, 14, 1279-1285.	1.5	55
7	The cryo-EM Structure of a Novel 40S Kinetoplastid-Specific Ribosomal Protein. Structure, 2017, 25, 1785-1794.e3.	1.6	14
8	Structures and dynamics of hibernating ribosomes from Staphylococcus aureus mediated by intermolecular interactions of <scp>HPF</scp>. EMBO Journal, 2017, 36, 2073-2087.	3.5	62
9	eIF3 Peripheral Subunits Rearrangement after mRNA Binding and Start-Codon Recognition. Molecular Cell, 2016, 63, 206-217.	4.5	94
10	Ribosomal 18S rRNA base pairs with mRNA during eukaryotic translation initiation. Nature Communications, 2016, 7, 12622.	5.8	41
11	Purification of mRNAâ€programmed translation initiation complexes suitable for mass spectrometry analysis. Proteomics, 2015, 15, 2417-2425.	1.3	25
12	Multiple ways to regulate translation initiation in bacteria: Mechanisms, regulatory circuits, dynamics. Biochimie, 2015, 114, 18-29.	1.3	55
13	Quantifying resolution limiting factors in subtomogram averaged cryo-electron tomography using simulations. Journal of Structural Biology, 2014, 187, 103-111.	1.3	19
14	Involvement of protein IF2 N domain in ribosomal subunit joining revealed from architecture and function of the full-length initiation factor. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15656-15661.	3.3	48
15	Rapid purification of ribosomal particles assembled on histone H4 mRNA: a new method based on mRNAâ€“DNA chimaeras. Biochemical Journal, 2013, 449, 719-728.	1.7	14
16	Initiation factor 2 crystal structure reveals a different domain organization from eukaryotic initiation factor 5B and mechanism among translational GTPases. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15662-15667.	3.3	31
17	Structure of the protein core of translation initiation factor 2 in apo, GTP-bound and GDP-bound forms. Acta Crystallographica Section D: Biological Crystallography, 2013, 69, 925-933.	2.5	26
18	Insights into translation initiation and termination complexes and into the polysome architecture. , 2011, , 113-128.		3

#	Article	IF	Citations
19	Structureâ€“function insights into prokaryotic and eukaryotic translation initiation. Current Opinion in Structural Biology, 2009, 19, 300-309.	2.6	71
20	Structure of the 30S translation initiation complex. Nature, 2008, 455, 416-420.	13.7	194
21	Conformational transition of initiation factor 2 from the GTP- to GDP-bound state visualized on the ribosome. Nature Structural and Molecular Biology, 2005, 12, 1145-1149.	3.6	130