Sandro F Ataide

List of Publications by Year
in descending order

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27	1,056	567144 15	610775 24
papers	citations	h-index	g-index

28	28	28	1565
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural characterization of the ANTAR antiterminator domain bound to RNA. Nucleic Acids Research, 2022, 50, 2889-2904.	6.5	2
2	Expression and purification of the NG domain from human SRÎ±, a key component of the Signal Recognition Particle (SRP) receptor. Protein Expression and Purification, 2022, 198, 106121.	0.6	1
3	Noncanonical Functions and Cellular Dynamics of the Mammalian Signal Recognition Particle Components. Frontiers in Molecular Biosciences, 2021, 8, 679584.	1.6	9
4	Characterization of the specific DNA-binding properties of Tnp26, the transposase of insertion sequence IS26. Journal of Biological Chemistry, 2021, 297, 101165.	1.6	3
5	Structural insights into the G-loop dynamics of E. coli FtsY NG domain. Journal of Structural Biology, 2019, 208, 107387.	1.3	2
6	An IS26variant with enhanced activity. FEMS Microbiology Letters, 2019, 366, .	0.7	25
7	Discovery of fragments that target key interactions in the signal recognition particle (SRP) as potential leads for a new class of antibiotics. PLoS ONE, 2018, 13, e0200387.	1.1	7
8	Structural Changes of RNA in Complex with Proteins in the SRP. Frontiers in Molecular Biosciences, 2018, 5, 7.	1.6	22
9	The molecular dynamics of long noncoding RNA control of transcription in PTEN and its pseudogene. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9942-9947.	3.3	38
10	Reply to Liu et al.: Yin and yang of PTEN regulation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E10512-E10513.	3.3	0
11	The structural basis of DNA binding by the single-stranded DNA-binding protein from Sulfolobus solfataricus. Biochemical Journal, 2015, 465, 337-346.	1.7	29
12	Biophysical Characterisation and Quantification of Nucleic Acid-Protein Interactions: EMSA, MST and SPR. Current Protein and Peptide Science, 2015, 16, 727-734.	0.7	8
13	RNA and RNAâ€“Protein Complex Crystallography and its Challenges. Australian Journal of Chemistry, 2014, 67, 1741.	0.5	6
14	Ribonomic approaches to study the RNAâ€binding proteome. FEBS Letters, 2014, 588, 3649-3664.	1.3	40
15	The Structural Basis of FtsY Recruitment and GTPase Activation by SRP RNA. Molecular Cell, 2013, 52, 643-654.	4.5	44
16	A Pseudo-tRNA Modulates Antibiotic Resistance in Bacillus cereus. PLoS ONE, 2012, 7, e41248.	1.1	17
17	Crystal Structure of the Eukaryotic 40 S Ribosomal Subunit in Complex with Initiation Factor 1. Science, 2011, 331, 730-736.	6.0	420
18	The Crystal Structure of the Signal Recognition Particle in Complex with Its Receptor. Science, 2011, 331, 881-886.	6.0	132

#	Article	IF	Citations
19	The CCA anticodon specifies separate functions inside and outside translation inBacillus cereus. RNA Biology, 2009, 6, 479-487.	1.5	8
20	Correction: Mechanisms of Resistance to an Amino Acid Antibiotic That Targets Translation. ACS Chemical Biology, 2008, 3, 130-130.	1.6	0
21	Mechanisms of Resistance to an Amino Acid Antibiotic That Targets Translation. ACS Chemical Biology, 2007, 2, 819-827.	1.6	42
22	Small Molecules: Big Players in the Evolution of Protein Synthesis. ACS Chemical Biology, 2006, 1, 285-297.	1.6	38
23	Discrimination of Cognate and Noncognate Substrates at the Active Site of Class I Lysyl-tRNA Synthetase. Biochemistry, 2006, 45, 3646-3652.	1.2	11
24	Stationaryâ€phase expression and aminoacylation of a transferâ€RNAâ€like small RNA. EMBO Reports, 2005, 6, 742-747.	2.0	20
25	Divergence in Noncognate Amino Acid Recognition between Class I and Class II Lysyl-tRNA Synthetases. Journal of Biological Chemistry, 2004, 279, 17707-17714.	1.6	36
26	Discrimination of Cognate and Noncognate Substrates at the Active Site of Class II Lysyl-tRNA Synthetaseâ€. Biochemistry, 2004, 43, 11836-11841.	1.2	23
27	Activation of the Pyrrolysine Suppressor tRNA Requires Formation of a Ternary Complex with Class I and Class II Lysyl-tRNA Synthetases. Molecular Cell, 2003, 12, 287-294.	4.5	73