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List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,693
citations

687363

13
h-index

940533

16
g-index

22
all docs

22
docs citations

22
times ranked

2213
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of the Yeast Mitochondrial Large Ribosomal Subunit. <i>Science</i> , 2014, 343, 1485-1489.	12.6	521
2	Conformational Differences between Open and Closed States of the Eukaryotic Translation Initiation Complex. <i>Molecular Cell</i> , 2015, 59, 399-412.	9.7	195
3	Structural Changes Enable Start Codon Recognition by the Eukaryotic Translation Initiation Complex. <i>Cell</i> , 2014, 159, 597-607.	28.9	173
4	Large-Scale Movements of IF3 and tRNA during Bacterial Translation Initiation. <i>Cell</i> , 2016, 167, 133-144.e13.	28.9	135
5	Structural basis for the regulation of NtcA-dependent transcription by proteins PipX and PII. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15397-15402.	7.1	116
6	The crystal structure of the complex of PII and acetylglutamate kinase reveals how PII controls the storage of nitrogen as arginine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17644-17649.	7.1	113
7	Arginine and nitrogen storage. <i>Current Opinion in Structural Biology</i> , 2008, 18, 673-681.	5.7	92
8	Translational initiation factor eIF5 replaces eIF1 on the 40S ribosomal subunit to promote start-codon recognition. <i>ELife</i> , 2018, 7, .	6.0	76
9	Structural basis for the inhibition of translation through eIF2 γ phosphorylation. <i>Nature Communications</i> , 2019, 10, 2640.	12.8	62
10	The Gene Cluster for Agmatine Catabolism of <i>Enterococcus faecalis</i> : Study of Recombinant Putrescine Transcarbamylase and Agmatine Deiminase and a Snapshot of Agmatine Deiminase Catalyzing Its Reaction. <i>Journal of Bacteriology</i> , 2007, 189, 1254-1265.	2.2	59
11	Arginine Biosynthesis in <i>Thermotoga maritima</i> : Characterization of the Arginine-Sensitive N-Acetyl-L-Glutamate Kinase. <i>Journal of Bacteriology</i> , 2004, 186, 6142-6149.	2.2	48
12	The PII-NAGK-PipX-NtcA Regulatory Axis of Cyanobacteria: A Tale of Changing Partners, Allosteric Effectors and Non-covalent Interactions. <i>Frontiers in Molecular Biosciences</i> , 2018, 5, 91.	3.5	43
13	“ ¹ Pyroline-5-carboxylate synthetase deficiency: An emergent multifaceted urea cycle-related disorder. <i>Journal of Inherited Metabolic Disease</i> , 2020, 43, 657-670.	3.6	20
14	Large-scale movement of eIF3 domains during translation initiation modulate start codon selection. <i>Nucleic Acids Research</i> , 2021, 49, 11491-11511.	14.5	14
15	The structure of a PII signaling protein from a halophilic archaeon reveals novel traits and high salt adaptations. <i>FEBS Journal</i> , 2014, 281, 3299-3314.	4.7	13
16	Structure of the Yeast Mitochondrial Large Ribosomal Subunit. <i>Microscopy and Microanalysis</i> , 2014, 20, 1252-1253.	0.4	1
17	Nitrogen storage regulation by PII protein: lessons learned from taxonomic outliers. <i>FEBS Journal</i> , 2020, 287, 439-442.	4.7	1