

Balaji Prakash

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

310
citations

1162367

8
h-index

1281420

11
g-index

12
all docs

12
docs citations

12
times ranked

423
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of the amino acid sequences of plant Bowman-Birk inhibitors. <i>Journal of Molecular Evolution</i> , 1996, 42, 560-569.	0.8	102
2	The Significance of EXDD and RXKD Motif Conservation in Rel Proteins. <i>Journal of Biological Chemistry</i> , 2009, 284, 9115-9123.	1.6	47
3	A Charge Reversal Differentiates (p)ppGpp Synthesis by Monofunctional and Bifunctional Rel Proteins. <i>Journal of Biological Chemistry</i> , 2007, 282, 34977-34983.	1.6	41
4	Distinct GDP/GTP bound states of the tandem G-domains of EngA regulate ribosome binding. <i>Nucleic Acids Research</i> , 2009, 37, 2359-2370.	6.5	32
5	Rational design of hyperstable antibacterial peptides for food preservation. <i>Npj Science of Food</i> , 2021, 5, 26.	2.5	21
6	Structural Basis Unifying Diverse GTP Hydrolysis Mechanisms. <i>Biochemistry</i> , 2013, 52, 1122-1130.	1.2	19
7	Elucidating the GTP Hydrolysis Mechanism in FeoB: A Hydrophobic Amino-Acid Substituted GTPase. <i>ACS Catalysis</i> , 2017, 7, 902-906.	5.5	18
8	Exploring potassium-dependent GTP hydrolysis in TEES family GTPases. <i>FEBS Open Bio</i> , 2012, 2, 173-177.	1.0	16
9	A revised mechanism for (p)ppGpp synthesis by Rel proteins: The critical role of the 2'-OH of GTP. <i>Journal of Biological Chemistry</i> , 2020, 295, 12851-12867.	1.6	8
10	Source and target enzyme signature in serine protease inhibitor active site sequences. <i>Journal of Biosciences</i> , 1997, 22, 555-565.	0.5	4
11	Studies on simultaneous inhibition of trypsin and chymotrypsin by horsegram Bowman-Birk inhibitor. <i>Journal of Biosciences</i> , 1997, 22, 545-554.	0.5	2