

Kommireddy Vasu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,148
citations

687363

13
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

2091
citing authors

#	ARTICLE	IF	CITATIONS
1	Diverse Functions of Restriction-Modification Systems in Addition to Cellular Defense. <i>Microbiology and Molecular Biology Reviews</i> , 2013, 77, 53-72.	6.6	502
2	Programmed Translational Readthrough Generates Antiangiogenic VEGF-Ax. <i>Cell</i> , 2014, 157, 1605-1618.	28.9	184
3	EPRS is a critical mTORC1- β -Tubulin effector that influences adiposity in mice. <i>Nature</i> , 2017, 542, 357-361.	27.8	130
4	IL-17-receptor-associated adaptor Act1 directly stabilizes mRNAs to mediate IL-17 inflammatory signaling. <i>Nature Immunology</i> , 2018, 19, 354-365.	14.5	91
5	Restriction endonuclease triggered bacterial apoptosis as a mechanism for long time survival. <i>Nucleic Acids Research</i> , 2017, 45, 8423-8434.	14.5	34
6	Promiscuous restriction is a cellular defense strategy that confers fitness advantage to bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1287-93.	7.1	32
7	R.KpnI, an HNH superfamily REase, exhibits differential discrimination at non-canonical sequences in the presence of Ca^{2+} and Mg^{2+} . <i>Nucleic Acids Research</i> , 2007, 35, 2777-2786.	14.5	24
8	Evolution of sequence specificity in a restriction endonuclease by a point mutation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 10344-10347.	7.1	21
9	IL-17-induced HIF1 β drives resistance to anti-PD-L1 via fibroblast-mediated immune exclusion. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	21
10	Dual Role for Zn^{2+} in Maintaining Structural Integrity and Inducing DNA Sequence Specificity in a Promiscuous Endonuclease. <i>Journal of Biological Chemistry</i> , 2007, 282, 32320-32326.	3.4	19
11	Condensin II and GAIT complexes cooperate to restrict LINE-1 retrotransposition in epithelial cells. <i>PLoS Genetics</i> , 2017, 13, e1007051.	3.5	19
12	Increasing cleavage specificity and activity of restriction endonuclease KpnI. <i>Nucleic Acids Research</i> , 2013, 41, 9812-9824.	14.5	18
13	Impaired Ribosomal Biogenesis by Noncanonical Degradation of β -Catenin during Hyperammonemia. <i>Molecular and Cellular Biology</i> , 2019, 39, .	2.3	18
14	Endonuclease Active Site Plasticity Allows DNA Cleavage with Diverse Alkaline Earth and Transition Metal Ions. <i>ACS Chemical Biology</i> , 2011, 6, 934-942.	3.4	8
15	Structural control of caspase-generated glutamyl-tRNA synthetase by appended noncatalytic WHEP domains. <i>Journal of Biological Chemistry</i> , 2018, 293, 8843-8860.	3.4	7
16	Ca^{2+} Binding to the ExDxD Motif Regulates the DNA Cleavage Specificity of a Promiscuous Endonuclease. <i>Biochemistry</i> , 2012, 51, 8939-8949.	2.5	6
17	Generation of a Manganese Specific Restriction Endonuclease with Nicking Activity. <i>Biochemistry</i> , 2010, 49, 8425-8433.	2.5	5
18	Structural integrity of the Beta Beta Alpha-Metal finger motif is required for DNA binding and stable protein-DNA complex formation in R.KpnI. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 269-275.	2.3	3

#	ARTICLE	IF	CITATIONS
19	The zinc-binding domain of mammalian prolyl-tRNA synthetase is indispensable for catalytic activity and organism viability. <i>IScience</i> , 2021, 24, 102215.	4.1	3
20	Restriction-Modification Systems. , 2019, , 102-102.		2
21	Transcriptional regulation of topology modulators and transcription regulators of <i>Mycobacterium tuberculosis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2016, 475, 257-263.	2.1	1
22	Screening of CRISPR-Cas9-generated point mutant mice using MiSeq and locked nucleic acid probe PCR. <i>STAR Protocols</i> , 2021, 2, 100785.	1.2	0