Kommireddy Vasu

List of Publications by Year
in descending order

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		687363	752698
22	1,148	13	20
papers	citations	h-index	g-index

22	22	22	2091
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	IL-17â€“induced HIF1Î± drives resistance to antiâ€“PD-L1 via fibroblast-mediated immune exclusion. Journal of Experimental Medicine, 2022, 219, .	8.5	21
2	The zinc-binding domain of mammalian prolyl-tRNA synthetase is indispensable for catalytic activity and organism viability. IScience, 2021, 24, 102215.	4.1	3
3	Screening of CRISPR-Cas9-generated point mutant mice using MiSeq and locked nucleic acid probe PCR. STAR Protocols, 2021, 2, 100785.	1.2	0
4	Impaired Ribosomal Biogenesis by Noncanonical Degradation of Î²-Catenin during Hyperammonemia. Molecular and Cellular Biology, 2019, 39, .	2.3	18
5	Restriction-Modification Systems. , 2019, , 102-102.		2
6	Structural control of caspase-generated glutamyl-tRNA synthetase by appended noncatalytic WHEP domains. Journal of Biological Chemistry, 2018, 293, 8843-8860.	3.4	7
7	IL-17-receptor-associated adaptor Act1 directly stabilizes mRNAs to mediate IL-17 inflammatory signaling. Nature Immunology, 2018, 19, 354-365.	14.5	91
8	EPRS is a critical mTORC1â€“S6K1 effector that influences adiposity in mice. Nature, 2017, 542, 357-361.	27.8	130
9	Restriction endonuclease triggered bacterial apoptosis as a mechanism for long time survival. Nucleic Acids Research, 2017, 45, 8423-8434.	14.5	34
10	Condensin II and GAIT complexes cooperate to restrict LINE-1 retrotransposition in epithelial cells. PLoS Genetics, 2017, 13, e1007051.	3.5	19
11	Transcriptional regulation of topology modulators and transcription regulators of Mycobacterium tuberculosis. Biochemical and Biophysical Research Communications, 2016, 475, 257-263.	2.1	1
12	Programmed Translational Readthrough Generates Antiangiogenic VEGF-Ax. Cell, 2014, 157, 1605-1618.	28.9	184
13	Increasing cleavage specificity and activity of restriction endonuclease KpnI. Nucleic Acids Research, 2013, 41, 9812-9824.	14.5	18
14	Diverse Functions of Restriction-Modification Systems in Addition to Cellular Defense. Microbiology and Molecular Biology Reviews, 2013, 77, 53-72.	6.6	502
15	Ca2+ Binding to the ExDxD Motif Regulates the DNA Cleavage Specificity of a Promiscuous Endonuclease. Biochemistry, 2012, 51, 8939-8949.	2.5	6
16	Promiscuous restriction is a cellular defense strategy that confers fitness advantage to bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1287-93.	7.1	32
17	Endonuclease Active Site Plasticity Allows DNA Cleavage with Diverse Alkaline Earth and Transition Metal Ions. ACS Chemical Biology, 2011, 6, 934-942.	3.4	8
18	Generation of a Manganese Specific Restriction Endonuclease with Nicking Activity. Biochemistry, 2010, 49, 8425-8433.	2.5	5

#	Article	IF	Citations
19	Structural integrity of the Beta Beta Alpha-Metal finger motif is required for DNA binding and stable proteinâ€“DNA complex formation in R.KpnI. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2008, 1784, 269-275.	2.3	3
20	Evolution of sequence specificity in a restriction endonuclease by a point mutation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10344-10347.	7.1	21
21	Dual Role for Zn2+ in Maintaining Structural Integrity and Inducing DNA Sequence Specificity in a Promiscuous Endonuclease. Journal of Biological Chemistry, 2007, 282, 32320-32326.	3.4	19
22	R.KpnI, an HNH superfamily REase, exhibits differential discrimination at non-canonical sequences in the presence of Ca2+ and Mg2+. Nucleic Acids Research, 2007, 35, 2777-2786.	14.5	24