Dhananjaya S Kulkarni

List of Publications by Year
in descending order

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Version: 2024-02-01

13	301	1040056 9	1125743 13
papers	citations	h-index	g-index

14	14	14	360
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PCNA activates the MutLÎ³ endonuclease to promote meiotic crossing over. Nature, 2020, 586, 623-627.	27.8	70
2	Three-phase partitioning of Î±-galactosidase from fermented media of Aspergillus oryzae and comparison with conventional purification techniques. Journal of Industrial Microbiology and Biotechnology, 2009, 36, 123-128.	3.0	42
3	Regulated Proteolysis of MutSÎ³ Controls Meiotic Crossing Over. Molecular Cell, 2020, 78, 168-183.e5.	9.7	33
4	The C-Terminal Domain of the MutL Homolog from Neisseria gonorrhoeae Forms an Inverted Homodimer. PLoS ONE, 2010, 5, e13726.	2.5	29
5	Purification and Characterization of Thermostable Î±-Galactosidase from Aspergillus terreus GR. Applied Biochemistry and Biotechnology, 2009, 152, 275-285.	2.9	28
6	Proline-rich protein PRR19 functions with cyclin-like CNTD1 to promote meiotic crossing over in mouse. Nature Communications, 2020, 11, 3101.	12.8	25
7	Reduction of flatus-inducing factors in soymilk by immobilized Î±-galactosidase. Biotechnology and Applied Biochemistry, 2006, 45, 51.	3.1	20
8	Immobilization of Aspergillus oryzae Î±-galactosidase in gelatin and its application in removal of flatulence-inducing sugars in soymilk. World Journal of Microbiology and Biotechnology, 2007, 23, 1131-1137.	3.6	18
9	Mechanism of formation of a toroid around DNA by the mismatch sensor protein. Nucleic Acids Research, 2018, 46, 256-266.	14.5	10
10	SUMO fosters assembly and functionality of the MutSÎ³ complex to facilitate meiotic crossing over. Developmental Cell, 2021, 56, 2073-2088.e3.	7.0	8
11	Tetramerization at Low pH Licenses DNA Methylation Activity of M.HpyAXI in the Presence of Acid Stress. Journal of Molecular Biology, 2020, 432, 324-342.	4.2	7
12	OPTIMIZATION OF IMMOBILIZATION PROCESS ON CRAB SHELL CHITOSAN AND ITS APPLICATION IN FOOD PROCESSING. Journal of Food Biochemistry, 2008, 32, 521-535.	2.9	6
13	Immobilized alpha-Galactosidase in the Biochemistry Laboratory. Journal of Chemical Education, 2007, 84, 1974.	2.3	5