Sushant K Sinha

List of Publications by Year
in descending order

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Version: 2024-02-01

11	262	933447 10	1281871 11
papers	citations	h-index	g-index

12	12	12	247
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Probing the dynamics between the substrate and the product towards glucose tolerance of Halothermothrix orenii Î²-glucosidase. Journal of Biomolecular Structure and Dynamics, 2021, 39, 5438-5448.	3.5	3
2	Understanding the dissolution of softwood lignin in ionic liquid and water mixed solvents. International Journal of Biological Macromolecules, 2021, 182, 402-412.	7.5	23
3	A glucose tolerant Î²-glucosidase from Thermomicrobium roseum that can hydrolyze biomass in seawater. Green Chemistry, 2021, 23, 7299-7311.	9.0	15
4	The effect of ionic liquid on the structure of active site pocket and catalytic activity of a Î²-glucosidase from Halothermothrix orenii. Journal of Molecular Liquids, 2020, 306, 112879.	4.9	20
5	Engineering of a highly thermostable endoglucanase from the GH7 family of Bipolaris sorokiniana for higher catalytic efficiency. Applied Microbiology and Biotechnology, 2020, 104, 3935-3945.	3.6	17
6	Elucidating the regulation of glucose tolerance in a Î²-glucosidase from Halothermothrix orenii by active site pocket engineering and computational analysis. International Journal of Biological Macromolecules, 2020, 156, 621-632.	7.5	19
7	Probing the Effect of Glucose on the Activity and Stability of Î²-Glucosidase: An All-Atom Molecular Dynamics Simulation Investigation. ACS Omega, 2019, 4, 11189-11196.	3.5	25
8	Understanding the glucose tolerance of an archaeon Î²-glucosidase from Thermococcus sp.. Carbohydrate Research, 2019, 486, 107835.	2.3	17
9	Recyclable Thermoresponsive Polymerâ^'Î²-Glucosidase Conjugate with Intact Hydrolysis Activity. Biomacromolecules, 2018, 19, 2286-2293.	5.4	36
10	Exploiting non-conserved residues to improve activity and stability of Halothermothrix orenii Î²-glucosidase. Applied Microbiology and Biotechnology, 2017, 101, 1455-1463.	3.6	29
11	Î²-Glucosidase from the hyperthermophilic archaeon Thermococcus sp. is a salt-tolerant enzyme that is stabilized by its reaction product glucose. Applied Microbiology and Biotechnology, 2016, 100, 8399-8409.	3.6	57