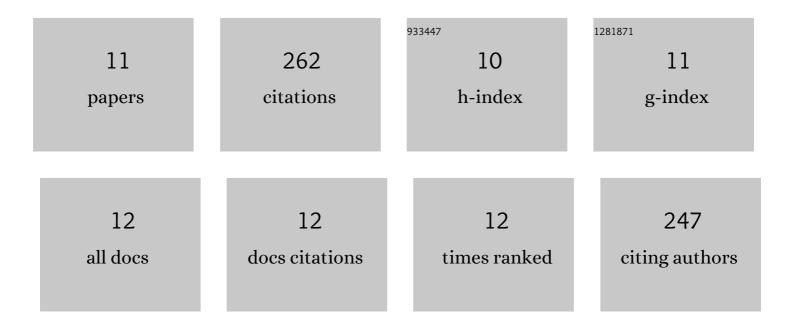
Sushant K Sinha

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Probing the dynamics between the substrate and the product towards glucose tolerance of <i>Halothermothrix orenii</i> β-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 \hat{l}^2 -glucosidase from <i>Thermomicrobium roseum</i> 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 β-glucosidase from Halothermothrix orenii. Journal of Molecular Liquids, 2020, 306, 112879.	4.9	20
5	Engineering of a highly thermostable endoglucanase from the CH7 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 β-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 β-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 β-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 β-glucosidase. Applied Microbiology and Biotechnology, 2017, 101, 1455-1463.	3.6	29
11	β-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,	3.6	57