

Abhijeet Thakur

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

177
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1163117

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1125743

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docs citations

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times ranked

173
citing authors

#	ARTICLE	IF	CITATIONS
1	Enzymatic hydrolysis of hemicellulose from pretreated Finger millet (<i>Eleusine coracana</i>) straw by recombinant endo-1,4- β -xylanase and exo-1,4- β -xylosidase. <i>International Journal of Biological Macromolecules</i> , 2019, 135, 1098-1106.	7.5	29
2	Extraction, characterization of xylan from <i>Azadirachta indica</i> (neem) sawdust and production of antiproliferative xylooligosaccharides. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 1897-1907.	7.5	26
3	Acacia Xylan as a Substitute for Commercially Available Xylan and Its Application in the Production of Xylooligosaccharides. <i>ACS Omega</i> , 2020, 5, 13729-13738.	3.5	25
4	Structure and biochemical characterization of glucose tolerant β -1,4 glucosidase (HtBgl) of family 1 glycoside hydrolase from <i>Hungateiclostridium thermocellum</i> . <i>Carbohydrate Research</i> , 2019, 483, 107750.	2.3	15
5	Extraction and characterization of xylan from sugarcane tops as a potential commercial substrate. <i>Journal of Bioscience and Bioengineering</i> , 2021, 131, 647-654.	2.2	14
6	β -L-Arabinofuranosidase: A Potential Enzyme for the Food Industry. <i>Energy, Environment, and Sustainability</i> , 2019, , 229-244.	1.0	12
7	Molecular Characterization, Regioselective and Synergistic Action of First Recombinant Type III β -L-arabinofuranosidase of Family 43 Glycoside Hydrolase (PsGH43_12) from <i>Pseudopedobacter saltans</i> . <i>Molecular Biotechnology</i> , 2020, 62, 443-455.	2.4	11
8	Molecular Cloning, Expression and Biochemical Characterization of a Family 5 Glycoside Hydrolase First Endo-Mannanase (RfGH5_7) from <i>Ruminococcus flavefaciens</i> FD-1 v3. <i>Molecular Biotechnology</i> , 2019, 61, 826-835.	2.4	10
9	Xylanases for Food Applications. <i>Energy, Environment, and Sustainability</i> , 2019, , 99-118.	1.0	8
10	Structure and dynamics analysis of a family 43 glycoside hydrolase β -L-arabinofuranosidase (PsGH43_12) from <i>Pseudopedobacter saltans</i> by computational modeling and small-angle X-ray scattering. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 582-592.	7.5	8
11	Two-Step Saccharification of the Xylan Portion of Sugarcane Waste by Recombinant Xylanolytic Enzymes for Enhanced Xylose Production. <i>ACS Omega</i> , 2021, 6, 11772-11782.	3.5	6
12	Thermostable Enzymes from <i>Clostridium thermocellum</i> . , 2021, , 251-267.		3
13	A trimodular family 16 glycoside hydrolase from the cellulosome of <i>Ruminococcus flavefaciens</i> displays highly specific licheninase (EC 3.2.1.73) activity. <i>Microbiology (United Kingdom)</i> , 2021, 167, .	1.8	2