

Neha Basotra

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

319
citations

1307594

7
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

440
citing authors

#	ARTICLE	IF	CITATIONS
1	Developing and evaluating lignocellulolytic hyper producing deregulated strains of <i>Mycothermus thermophilus</i> for hydrolysis of lignocellulosics. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 5059-5071.	4.6	3
2	Combination of system biology and classical approaches for developing biorefinery relevant lignocellulolytic <i>Rasamsonia emersonii</i> strain. <i>Bioresource Technology</i> , 2022, 351, 127039.	9.6	5
3	Synthetic biology and the regulatory roadmap for the commercialization of designer microbes. , 2022, , 449-475.		0
4	Thermophilic Fungal Lignocellulolytic Enzymes in Biorefineries. , 2021, , 15-43.		1
5	Exoproteome profile reveals thermophilic fungus <i>Crassicarpon thermophilum</i> (strain 6GKB; syn.) Tj ETQq1 1 0.784314 rgBT /Overlock saccharification of bagasse. <i>Biomass and Bioenergy</i> , 2020, 132, 105438.	5.7	7
6	Discovery and Expression of Thermostable LPMOs from Thermophilic Fungi for Producing Efficient Lignocellulolytic Enzyme Cocktails. <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 463-481.	2.9	17
7	Thermostable xylanases from thermophilic fungi and bacteria: Current perspective. <i>Bioresource Technology</i> , 2019, 277, 195-203.	9.6	109
8	Characterization of a novel Lytic Polysaccharide Monooxygenase from <i>Malbranchea cinnamomea</i> exhibiting dual catalytic behavior. <i>Carbohydrate Research</i> , 2019, 478, 46-53.	2.3	29
9	Producing methane, methanol and electricity from organic waste of fermentation reaction using novel microbes. <i>Bioresource Technology</i> , 2018, 258, 270-278.	9.6	28
10	Expression of catalytically efficient xylanases from thermophilic fungus <i>Malbranchea cinnamomea</i> for synergistically enhancing hydrolysis of lignocellulosics. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 185-192.	7.5	27
11	<i>Mycothermus thermophilus</i> (Syn. <i>Scytalidium thermophilum</i>): Repertoire of a diverse array of efficient cellulases and hemicellulases in the secretome revealed. <i>Bioresource Technology</i> , 2016, 222, 413-421.	9.6	63
12	<i>Malbranchea cinnamomea</i> : A thermophilic fungal source of catalytically efficient lignocellulolytic glycosyl hydrolases and metal dependent enzymes. <i>Bioresource Technology</i> , 2016, 200, 55-63.	9.6	30