

Reinu Elsa Abraham

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

551
citations

933447

10
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

755
citing authors

#	ARTICLE	IF	CITATIONS
1	Suitability of magnetic nanoparticle immobilised cellulases in enhancing enzymatic saccharification of pretreated hemp biomass. <i>Biotechnology for Biofuels</i> , 2014, 7, 90.	6.2	212
2	Biofuel production: Prospects, challenges and feedstock in Australia. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 6022-6031.	16.4	105
3	Optimisation of biorefinery production of alginate, fucoidan and laminarin from brown seaweed <i>Durvillaea potatorum</i> . <i>Algal Research</i> , 2019, 38, 101389.	4.6	51
4	Omega-3 fatty acid production from enzyme saccharified hemp hydrolysate using a novel marine thraustochytrid strain. <i>Bioresource Technology</i> , 2015, 184, 373-378.	9.6	38
5	Seaweed and seaweed-derived metabolites as prebiotics. <i>Advances in Food and Nutrition Research</i> , 2020, 91, 97-156.	3.0	31
6	Relationship to reducing sugar production and scanning electron microscope structure to pretreated hemp hurd biomass (<i>Cannabis sativa</i>). <i>Biomass and Bioenergy</i> , 2013, 58, 180-187.	5.7	23
7	Enrichment of Cellulosic Waste Hemp (<i>Cannabis sativa</i>) Hurd into Non-Toxic Microfibres. <i>Materials</i> , 2016, 9, 562.	2.9	21
8	Nano-immobilized cellulases for biomass processing with application in biofuel production. <i>Methods in Enzymology</i> , 2020, 630, 327-346.	1.0	15
9	Marine bioactives: from energy to nutrition. <i>Trends in Biotechnology</i> , 2022, 40, 271-280.	9.3	13
10	Release of encapsulated bioactives influenced by alginate viscosity under in-vitro gastrointestinal model. <i>International Journal of Biological Macromolecules</i> , 2021, 170, 540-548.	7.5	12
11	Advances on marine-derived natural radioprotection compounds: historic development and future perspective. <i>Marine Life Science and Technology</i> , 2021, 3, 474-487.	4.6	12
12	Understanding physicochemical changes in pretreated and enzyme hydrolysed hemp (<i>Cannabis sativa</i>) biomass for biorefinery development. <i>Biomass Conversion and Biorefinery</i> , 2016, 6, 127-138.	4.6	9
13	Nanobiocatalyst designing strategies and their applications in food industry. , 2020, , 171-189.		5
14	Molecular Characterization of Nanoimmobilized Cellulase in Facilitating Pretreatment of Lignocellulosic Biomass. , 2016, , 141-149.		2
15	Commercial Application of Lignocellulose-Degrading Enzymes in a Biorefinery. <i>Microorganisms for Sustainability</i> , 2020, , 287-301.	0.7	2