

Abhishek S Dhoble

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

193
citations

1040056

9
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

146
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel high-throughput multi-parameter flow cytometry based method for monitoring and rapid characterization of microbiome dynamics in anaerobic systems. <i>Bioresource Technology</i> , 2016, 220, 566-571.	9.6	24
2	Evolutionary Stability of Salt Bridges Hints Its Contribution to Stability of Proteins. <i>Computational and Structural Biotechnology Journal</i> , 2019, 17, 895-903.	4.1	23
3	Additional salt bridges improve the thermostability of 1,4- α -glucan branching enzyme. <i>Food Chemistry</i> , 2020, 316, 126348.	8.2	22
4	Thermostabilization of a thermophilic 1,4- α -glucan branching enzyme through C-terminal truncation. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 1510-1518.	7.5	20
5	Design and operation of an anaerobic digester for waste management and fuel generation during long term lunar mission. <i>Advances in Space Research</i> , 2014, 54, 1502-1512.	2.6	19
6	Bacterial 1,4- α -glucan branching enzymes: characteristics, preparation and commercial applications. <i>Critical Reviews in Biotechnology</i> , 2020, 40, 380-396.	9.0	19
7	Potassium and sodium ions enhance the activity and thermostability of 1,4- α -glucan branching enzyme from <i>Geobacillus thermoglucosidasius</i> in the presence of glycerol. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 712-717.	7.5	16
8	Cytometric fingerprinting and machine learning (CFML): A novel label-free, objective method for routine mastitis screening. <i>Computers and Electronics in Agriculture</i> , 2019, 162, 505-513.	7.7	14
9	Machine learning analysis of microbial flow cytometry data from nanoparticles, antibiotics and carbon sources perturbed anaerobic microbiomes. <i>Journal of Biological Engineering</i> , 2018, 12, 19.	4.7	10
10	Impact of temperature and surfactant addition on milk foams. <i>Journal of Food Engineering</i> , 2021, 299, 110509.	5.2	10
11	A review on pectinase properties, application in juice clarification, and membranes as immobilization support. <i>Journal of Food Science</i> , 2022, 87, 3338-3354.	3.1	7
12	Biochemical Methane Potential of Wastes Generated During Long-Term Lunar Mission. , 2010, , .		5
13	Advances in the synthesis and application of self-assembling biomaterials. <i>Progress in Biophysics and Molecular Biology</i> , 2021, 167, 46-62.	2.9	3
14	Microbial consortium engineering for the improvement of biochemicals production. , 2022, , 201-233.		1
15	Human Microbiome as Drug Delivery System. , 2022, , 402-415.		0