

Swasti Dhagat

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

155
citations

1307594

7
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

205
citing authors

#	ARTICLE	IF	CITATIONS
1	Biorefinery system for production of thermostable exopolysaccharide by a novel thermophile <i>Brevibacillus borstelensis</i> MK878423 and its study on impact of glucose utilization. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 7521-7531.	4.6	1
2	Utility of lignin-modifying enzymes: a green technology for organic compound mycodegradation. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 343-358.	3.2	13
3	Comparative study of response surface methodology and artificial neural network for optimization of process parameters for synthesis of gold nanoparticles by <i>Desmostachya bipinnata</i> extract. <i>Preparative Biochemistry and Biotechnology</i> , 2022, , 1-12.	1.9	3
4	Green synthesis of bioemulsifier and exopolysaccharides by <i>Brevibacillus borstelensis</i> and process parameters optimization using response surface model, genetic algorithm and NSGA. <i>Journal of Environmental Management</i> , 2021, 291, 112667.	7.8	6
5	Simulated annealing and artificial neural network as optimization tools to enhance yields of bioemulsifier and exopolysaccharides by thermophilic <i>Brevibacillus borstelensis</i> . <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105499.	6.7	13
6	Emerging strategies on in silico drug development against COVID-19: challenges and opportunities. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 155, 105522.	4.0	25
7	Isolation of a novel thermophilic bacterium capable of producing high-yield bioemulsifier and its kinetic modelling aspects along with proposed metabolic pathway. <i>Brazilian Journal of Microbiology</i> , 2020, 51, 135-143.	2.0	15
8	Structure Based Drug Design and Molecular Docking Studies of Anticancer Molecules Paclitaxel, Etoposide and Topotecan using Novel Ligands. <i>Current Drug Discovery Technologies</i> , 2020, 17, 183-190.	1.2	6
9	Evolutionary Trends in Industrial Production of α -amylase. <i>Recent Patents on Biotechnology</i> , 2019, 13, 4-18.	0.8	34
10	Five Objective Optimization Using Non-Sorting Genetic Algorithm (NSGA) for Green Microalgae Culture Conditions for Biodiesel Production. <i>Recent Innovations in Chemical Engineering</i> , 2019, 12, 110-121.	0.4	2
11	In Silico Discovery of Novel Ligands for Antimicrobial Lipopeptides for Computer-Aided Drug Design. <i>Probiotics and Antimicrobial Proteins</i> , 2018, 10, 129-141.	3.9	17
12	Homology Modeling and Molecular Docking Studies of Bacillomycin and Iturin Synthetases with Novel Ligands for the Production of Therapeutic Lipopeptides. <i>Current Drug Discovery Technologies</i> , 2018, 15, 132-141.	1.2	12
13	Identification of Novel Ligands for Therapeutic Lipopeptides: Daptomycin, Surfactin and Polymyxin. <i>Current Drug Targets</i> , 2018, 19, 1589-1598.	2.1	8