

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