Mohd Shamzi Mohamed

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7091476/publications.pdf

Version: 2024-02-01

24 papers	726 citations	623699 14 h-index	642715 23 g-index
24 all docs	24 docs citations	24 times ranked	1013 citing authors

#	Article	IF	Citations
1	Pre-treatment of Soy Okara Using Multi-enzyme Complex on Sugar Extraction and Its Effect on Chemical Composition, Morphological Structure, and Antioxidant Capacity. Waste and Biomass Valorization, 2022, 13, 1503-1513.	3.4	0
2	Production of single cell oil by Yarrowia lipolytica JCM 2320 using detoxified desiccated coconut residue hydrolysate. PeerJ, 2022, 10, e12833.	2.0	7
3	Bioprospecting microalgae with the capacity for inducing calcium carbonate biomineral precipitation. Asia-Pacific Journal of Chemical Engineering, 2022, 17, .	1.5	4
4	A Review on Haematococcus pluvialis Bioprocess Optimization of Green and Red Stage Culture Conditions for the Production of Natural Astaxanthin. Biomolecules, 2021, 11, 256.	4.0	85
5	The State of Starch/Hydroxyapatite Composite Scaffold in Bone Tissue Engineering with Consideration for Dielectric Measurement as an Alternative Characterization Technique. Materials, 2021, 14, 1960.	2.9	20
6	Valorization of biodiesel side stream waste glycerol for rhamnolipids production by Pseudomonas aeruginosa RS6. Environmental Pollution, 2021, 276, 116742.	7.5	26
7	Fermentation strategies for improving the production of bacteriocinâ€like inhibitory substances by Lactobacillus brevis C23 with nutrient supplementation, pH, and temperature variations. Journal of Food Processing and Preservation, 2021, 45, e15914.	2.0	4
8	Enhancement of Biomass and Calcium Carbonate Biomineralization of Chlorella vulgaris through Plackettâ€“Burman Screening and Boxâ€“Behnken Optimization Approach. Molecules, 2020, 25, 3416.	3.8	12
9	Development of Palm Fatty Acid Distillate-Containing Medium for Biosurfactant Production by Pseudomonas sp. LM19. Molecules, 2019, 24, 2613.	3.8	4
10	Extraction of fresh banana waste juice as non-cellulosic and non-food renewable feedstock for direct lipase production. Renewable Energy, 2018, 126, 431-436.	8.9	8
11	Culture Medium Development for Microbial-Derived Surfactants Productionâ€”An Overview. Molecules, 2018, 23, 1049.	3.8	105
12	Kinetics and Optimization of Lipophilic Kojic Acid Derivative Synthesis in Polar Aprotic Solvent Using Lipozyme RMIM and Its Rheological Study. Molecules, 2018, 23, 501.	3.8	15
13	Comparative analyses on medium optimization usingone-factor-at-a-time, response surface methodology, and artificial neural network for lysineâ€“methionine biosynthesis byPediococcus pentosaceusRF-1. Biotechnology and Biotechnological Equipment, 2017, 31, 935-947.	1.3	47
14	Enhancement of protein production by microalgae Dunaliella salina under mixotrophic conditions using response surface methodology. RSC Advances, 2015, 5, 38141-38151.	3.6	31
15	Effects of dual impeller system of Rushton turbine, concave disk turbine and their combinations on the performance of kojic acid fermentation by <scp>Aspergillus flavus</scp> Link 44â€1. Asia-Pacific Journal of Chemical Engineering, 2015, 10, 65-74.	1.5	5
16	Kinetics and modeling of microalga Tetraselmis sp. FTC 209 growth with respect to its adaptation toward different trophic conditions. Biochemical Engineering Journal, 2014, 88, 30-41.	3.6	28
17	Primary recovery of thermostable lipase 42 derived from recombinant Escherichia coli BL21 in aqueous two-phase flotation. Separation and Purification Technology, 2014, 133, 328-334.	7.9	20
18	Comparative Analyses of Response Surface Methodology and Artificial Neural Network on Medium Optimization forTetraselmissp. FTC209 Grown under Mixotrophic Condition. Scientific World Journal, The, 2013, 2013, 1-14.	2.1	34

#	Article	IF	Citations
19	Enhancement of Red Pigment Production by Monascus purpureus FTC 5391 through Retrofitting of Helical Ribbon Impeller in Stirred-Tank Fermenter. Food and Bioprocess Technology, 2012, 5, 80-91.	4.7	23
20	Improvement of medium composition for heterotrophic cultivation of green microalgae, Tetraselmis suecica, using response surface methodology. Biochemical Engineering Journal, 2011, 53, 187-195.	3.6	114
21	Heterotrophic Cultivation of Microalgae for Production of Biodiesel. Recent Patents on Biotechnology, 2011, 5, 95-107.	0.8	24
22	Optimization of osmotic shock process variables for enhancement of the release of periplasmic interferon-Î±2b from Escherichia coli using response surface method. Process Biochemistry, 2010, 45, 196-202.	3.7	26
23	Effect of different flocculants on the flocculation performance of microalgae, Chaetoceros calcitrans, cells. African Journal of Biotechnology, 2009, 8, 5971-5978.	0.6	77
24	Kinetics of Xylanase Fermentation by Recombinant Escherichia coli DH5Î± in Shake Flask Culture. American Journal of Biochemistry and Biotechnology, 2009, 5, 110-118.	0.4	7