Khairul Azly Zahan

List of Publications by Year
in descending order

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Version: 2024-02-01

20 papers	410 citations	1307366 7 h-index	1125617 13 g-index
20 all docs	20 docs citations	20 times ranked	551 citing authors

#	Article	IF	Citations
1	Biodiesel Production from Palm Oil, Its By-Products, and Mill Effluent: A Review. Energies, 2018, 11, 2132.	1.6	197
2	Application of bacterial cellulose film as a biodegradable and antimicrobial packaging material. Materials Today: Proceedings, 2020, 31, 83-88.	0.9	42
3	Monitoring the Effect of pH on Bacterial Cellulose Production and Acetobacter xylinum 0416 Growth in a Rotary Discs Reactor. Arabian Journal for Science and Engineering, 2015, 40, 1881-1885.	1.1	35
4	Nanocellulose as drug delivery system for honey as antimicrobial wound dressing. Materials Today: Proceedings, 2020, 31, 14-17.	0.9	28
5	Technological Progress in Biodiesel Production: An Overview on Different Types of Reactors. Energy Procedia, 2019, 156, 452-457.	1.8	24
6	Effect of Incubation Temperature on Growth of <i>Acetobacter xylinum</i> 0416 and Bacterial Cellulose Production. Applied Mechanics and Materials, 0, 815, 3-8.	0.2	22
7	Process Parameters for Fermentation in a Rotary Disc Reactor for Optimum Microbial Cellulose Production using Response Surface Methodology. BioResources, 2014, 9, .	0.5	19
8	Chemical Optimization of Red Pigment, Monascorubin Production in Penicillium minioluteum ED24 Using Solid-State Fermentation. Arabian Journal for Science and Engineering, 2018, 43, 3485-3491.	1.7	9
9	Effect of pandan extract concentration to chromium (IV) removal using bacterial cellulose-pandan composites prepared by in-situ modification technique. Materials Today: Proceedings, 2020, 31, 89-95.	0.9	7
10	Monascorubin production by Penicillium minioluteum ED24 in a solid-state fermentation using sesame seed cake as substrate. Materials Today: Proceedings, 2020, 31, 127-135.	0.9	7
11	Development of medical cotton fabrics with Punica granatum L extract finishing for nosocomial infections control. Journal of Natural Fibers, 2019, 16, 404-411.	1.7	5
12	Chemical Composition and Antimicrobial Efficacy of Helminthostachys zeylanica against Foodborne Bacillus cereus. Natural Product Sciences, 2018, 24, 66.	0.2	4
13	Monitoring Initial Glucose Concentration for Optimum pH Control during Fermentation of Microbial Cellulose in Rotary Discs Reactor. Key Engineering Materials, 0, 594-595, 319-324.	0.4	3
14	Potential Use of Biofibers for Functional Immobilization of <i>Lactobacillus rhamnosus</i> NRRL 442. Key Engineering Materials, 0, 594-595, 231-235.	0.4	2
15	Accelerated testing methodology for long-term life prediction of cellulose-based polymeric composite materials. , 2019, , 149-171.		2
16	Modified Fermentation for Production of Bacterial Cellulose/Polyaniline as Conductive Biopolymer Material. Jurnal Teknologi (Sciences and Engineering), 2013, 62, .	0.3	1
17	Sustainable and Economical Production of Biocellulose from Agricultural Wastes in Reducing Global Warming and Preservation of the Forestry. World Sustainability Series, 2017, , 141-154.	0.3	1
18	Characterization of bacterial cellulose produced via fermentation of acetobacter xylinum 0416. International Journal of Advanced and Applied Sciences, 2017, 4, 19-24.	0.2	1

#	ARTICLE	IF	CITATIONS
19	Optimal Feeding Strategy in Fermentation of Docosahexaenoic Acid Production by Schizochytrium sp.. Chemical Engineering and Technology, 0, , .	0.9	1
20	Statistical analysis for the removal of crystal violet using bacterial cellulose powder via response surface methodology. International Journal of Environment and Waste Management, 2021, 27, 35.	0.2	0