

Arbakariya Bin Ariff

List of Publications by Year in descending order

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docs citations

42
times ranked

2119
citing authors

#	ARTICLE	IF	CITATIONS
1	Production and Status of Bacterial Cellulose in Biomedical Engineering. <i>Nanomaterials</i> , 2017, 7, 257.	1.9	208
2	Biosynthesis of ZnO Nanoparticles by a New <i>Pichia kudriavzevii</i> Yeast Strain and Evaluation of Their Antimicrobial and Antioxidant Activities. <i>Molecules</i> , 2017, 22, 872.	1.7	155
3	Effect of annealing temperature on antimicrobial and structural properties of bio-synthesized zinc oxide nanoparticles using flower extract of <i>Anchusa italica</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 161, 441-449.	1.7	119
4	Hydrogel beads bio-nanocomposite based on Kappa-Carrageenan and green synthesized silver nanoparticles for biomedical applications. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 423-431.	3.6	101
5	Eco-Friendly Formulated Zinc Oxide Nanoparticles: Induction of Cell Cycle Arrest and Apoptosis in the MCF-7 Cancer Cell Line. <i>Genes</i> , 2017, 8, 281.	1.0	101
6	A Review on <i>Haematococcus pluvialis</i> Bioprocess Optimization of Green and Red Stage Culture Conditions for the Production of Natural Astaxanthin. <i>Biomolecules</i> , 2021, 11, 256.	1.8	85
7	A Review of the Biomedical Applications of Zerumbone and the Techniques for Its Extraction from Ginger Rhizomes. <i>Molecules</i> , 2017, 22, 1645.	1.7	58
8	Direct purification of <i>Burkholderia Pseudomallei</i> lipase from fermentation broth using aqueous two-phase systems. <i>Biotechnology and Bioprocess Engineering</i> , 2009, 14, 811-818.	1.4	56
9	Saccharification of rice straw by cellulase from a local <i>Trichoderma harzianum</i> SNRS3 for biobutanol production. <i>BMC Biotechnology</i> , 2014, 14, 103.	1.7	45
10	Novel Gold Nanoparticles Reduced by <i>Sargassum glaucescens</i> : Preparation, Characterization and Anticancer Activity. <i>Molecules</i> , 2016, 21, 123.	1.7	44
11	A Proposal for Zero Emission from Palm Oil Industry Incorporating the Production of Polyhydroxyalkanoates from Palm Oil Mill Effluent.. <i>Journal of Chemical Engineering of Japan</i> , 2002, 35, 9-14.	0.3	37
12	Stability of Bacteriocin-Like Inhibitory Substance (BLIS) Produced by <i>Pediococcus acidilactici</i> 10 at Different Extreme Conditions. <i>BioMed Research International</i> , 2018, 2018, 1-11.	0.9	28
13	Recovery of Human Interferon Alpha-2b from Recombinant <i>Escherichia coli</i> by Aqueous Two-Phase System. <i>Separation Science and Technology</i> , 2012, 47, 1023-1030.	1.3	26
14	Substrate preference of mycelium-bound lipase from a strain of <i>Aspergillus Flavus</i> Link. <i>Biotechnology Letters</i> , 1998, 20, 369-372.	1.1	25
15	Characterization of bovine serum albumin partitioning behaviors in polymer-salt aqueous two-phase systems. <i>Journal of Bioscience and Bioengineering</i> , 2015, 120, 85-90.	1.1	25
16	Optimal conditions for hepatitis B core antigen production in shaken flask fermentation. <i>Biotechnology and Bioprocess Engineering</i> , 2004, 9, 374-378.	1.4	24
17	Multiple overlap extension PCR (MOE-PCR): an effective technical shortcut to high throughput synthetic biology. <i>RSC Advances</i> , 2016, 6, 66682-66694.	1.7	18
18	Strategies in fed-batch cultivation on the production performance of <i>Lactobacillus salivarius</i> I 24 viable cells. <i>Food Science and Biotechnology</i> , 2016, 25, 1393-1398.	1.2	17

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19	Optimisation study of large-scale enzymatic synthesis of oleyl oleate, a liquid wax ester, by response surface methodology. <i>Journal of Chemical Technology and Biotechnology</i> , 2006, 81, 374-380.	1.6	16
20	The profile of enzymes relevant to solvent production during direct fermentation of sago starch by <i>Clostridium saccharobutylicum</i> P262 utilizing different pH control strategies. <i>Biotechnology and Bioprocess Engineering</i> , 2008, 13, 33-39.	1.4	15
21	Enhancement of α -Mannanase Production by <i>Bacillus subtilis</i> ATCC11774 through Optimization of Medium Composition. <i>Molecules</i> , 2020, 25, 3516.	1.7	13
22	Improvements of GC and HPLC analyses in solvent (acetone-butanol-ethanol) fermentation by <i>Clostridium saccharobutylicum</i> using a mixture of starch and glycerol as carbon source. <i>Biotechnology and Bioprocess Engineering</i> , 2006, 11, 293-298.	1.4	12
23	Enhancement of Biomass and Calcium Carbonate Biomineralization of <i>Chlorella vulgaris</i> through Plackett-Burman Screening and Box-Cox Behnken Optimization Approach. <i>Molecules</i> , 2020, 25, 3416.	1.7	12
24	Prebiotic efficacy of coconut kernel cake's soluble crude polysaccharides on growth rates and acidifying property of probiotic lactic acid bacteria <i>in vitro</i> . <i>Biotechnology and Biotechnological Equipment</i> , 2019, 33, 1216-1227.	0.5	10
25	Interrelations of Synthesis Method, Polyethylene Glycol Coating, Physico-Chemical Characteristics, and Antimicrobial Activity of Silver Nanoparticles. <i>Nanomaterials</i> , 2020, 10, 2475.	1.9	10
26	A refined medium to enhance the antimicrobial activity of postbiotic produced by <i>Lactiplantibacillus plantarum</i> RS5. <i>Scientific Reports</i> , 2021, 11, 7617.	1.6	9
27	The influence of bakers' yeast cells on protein adsorption performance in dye-ligand expanded bed chromatography. <i>Biotechnology and Bioprocess Engineering</i> , 2005, 10, 552-555.	1.4	8
28	Optimization of Milk-Based Medium for Efficient Cultivation of <i>Bifidobacterium pseudocatenulatum</i> G4 Using Face-Centered Central Composite-Response Surface Methodology. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	8
29	Encapsulation of <i>Bifidobacterium pseudocatenulatum</i> Strain G4 within Bovine Gelatin-Genipin-Sodium Alginate Combinations: Optimisation Approach Using Face Central Composition Design-Response Surface Methodology (FCCD-RSM). <i>International Journal of Microbiology</i> , 2019, 2019, 1-11.	0.9	8
30	The influence of bakers' yeast cells on protein adsorption in anion exchange expanded bed chromatography. <i>Biotechnology and Bioprocess Engineering</i> , 2005, 10, 280-283.	1.4	7
31	Recovery of a Bacteriocin-Like Inhibitory Substance from <i>Lactobacillus bulgaricus</i> FTDC 1211 Using Polyethylene-Glycol Impregnated Amberlite XAD-4 Resins System. <i>Molecules</i> , 2020, 25, 5332.	1.7	6
32	The disruption of <i>Saccharomyces cerevisiae</i> cells and release of glucose 6-phosphate dehydrogenase (G6PDH) in a horizontal dyno bead mill operated in continuous recycling mode. <i>Biotechnology and Bioprocess Engineering</i> , 2005, 10, 284-288.	1.4	5
33	Protein adsorption and hydrodynamic stability of a dense, pellicular adsorbent in high-biomass expanded bed chromatography. <i>Biotechnology and Bioprocess Engineering</i> , 2006, 11, 268-272.	1.4	5
34	The Discovery of New Antilisterial Proteins From <i>Paenibacillus polymyxa</i> Kp10 via Genome Mining and Mass Spectrometry. <i>Frontiers in Microbiology</i> , 2020, 11, 960.	1.5	5
35	Extractive Bioconversion of Gamma-Cyclodextrin and Recycling of Cyclodextrin Glycosyltransferase in Liquid Biphasic System Using Thermo-Separating Polymer. <i>Frontiers in Chemistry</i> , 2018, 6, 448.	1.8	4
36	Fermentation strategies for improving the production of bacteriocin-like inhibitory substances by <i>Lactobacillus brevis</i> C23 with nutrient supplementation, pH, and temperature variations. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15914.	0.9	4

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37	The performance of anion exchange expanded bed adsorption chromatography on the recovery of G6PDH from unclarified feedstock with high biomass concentration. <i>Biotechnology and Bioprocess Engineering</i> , 2006, 11, 466-469.	1.4	2
38	Kinetics and modelling of batch fermentation for the production of organic solvent tolerant and thermostable lipase by recombinant <i>E. coli</i> / Organik çözücülere toleranslı ve yüksek sıcaklığa dayanıklı rekombinan <i>E. coli</i> lipaz üretiminin kinetiği ve grup fermentasyonu modellenmesi. <i>Turkish Journal of Biochemistry</i> , 2015, 40, 298-309.	0.3	2
39	EFEKTIVITAS KURKUMIN SEBAGAI ANTIOKSIDAN DAN INHIBITOR MELANIN PADA KULTUR SEL B16-F1. <i>Journal of Biological Researches</i> , 2012, 17, 173-176.	0.0	1
40	Physicochemical stability of antilisterial proteins from <i>P. polymyxa</i> Kp10 as potential food biopreservative. <i>International Journal of Food Science and Technology</i> , 2021, 56, 6549-6558.	1.3	0
41	Pre-treatment of Soy Okara Using Multi-enzyme Complex on Sugar Extraction and Its Effect on Chemical Composition, Morphological Structure, and Antioxidant Capacity. <i>Waste and Biomass Valorization</i> , 2022, 13, 1503-1513.	1.8	0
42	Efektivitas kurkumin sebagai antioksidan dan inhibitor melanin pada kultur sel B16F1. <i>Journal of Biological Researches</i> , 2012, 17, 173-176.	0.0	0