

# Chusnul Hidayat

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

198  
citations

1040056

9  
h-index

1125743

13  
g-index

30  
all docs

30  
docs citations

30  
times ranked

289  
citing authors

#	ARTICLE	IF	CITATIONS
1	Expanded bed adsorption for purification of alcohol dehydrogenase using a dye-iminodiacetic acid matrix. <i>Journal of Bioscience and Bioengineering</i> , 2004, 97, 284-287.	2.2	21
2	Development of new dye-metal agarose-coated alumina matrix and elution strategy for purification of alcohol dehydrogenase. <i>Journal of Bioscience and Bioengineering</i> , 2003, 95, 133-138.	2.2	20
3	Utilisation of <i>Jatropha</i> press cake as substrate in biomass and lipase production from <i>Aspergillus niger</i> 6516 and <i>Rhizomucor miehei</i> CBS 360.62. <i>Biocatalysis and Agricultural Biotechnology</i> , 2017, 9, 103-107.	3.1	16
4	Enzymatic glycerolysis and interesterification of palm stearin and olein blend for synthesis structured lipid containing high mono- and diacylglycerol. <i>Food Science and Biotechnology</i> , 2019, 28, 511-517.	2.6	16
5	Kinetic studies on the transesterification of sunflower oil with 1-butanol catalyzed by <i>Rhizomucor miehei</i> lipase in a biphasic aqueous-organic system. <i>Biochemical Engineering Journal</i> , 2016, 114, 110-118.	3.6	14
6	Process Intensification of Enzymatic Fatty Acid Butyl Ester Synthesis Using a Continuous Centrifugal Contactor Separator. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 470-482.	3.7	13
7	Enzymatic and chemical synthesis of high mono- and diacylglycerol from palm stearin and olein blend at different type of reactor stirrers. <i>Journal of the Saudi Society of Agricultural Sciences</i> , 2020, 19, 31-36.	1.9	13
8	Enzymatic Synthesis of Bio-Surfactant Fructose Oleic Ester Using Immobilized Lipase on Modified Hydrophobic Matrix in Fluidized Bed Reactor. <i>Agriculture and Agricultural Science Procedia</i> , 2016, 9, 353-362.	0.6	10
9	Multivalent binding interaction of alcohol dehydrogenase on dye-metal affinity matrix. <i>Journal of Bioscience and Bioengineering</i> , 2003, 96, 168-173.	2.2	9
10	Method of phorbol ester degradation in <i>Jatropha curcas</i> L. seed cake using rice bran lipase. <i>Journal of Bioscience and Bioengineering</i> , 2014, 117, 372-374.	2.2	9
11	Isolation, Screening, and Identification of Proteolytic Lactic Acid Bacteria from Indigenous <i>Chaetochytrium</i> Product. <i>Journal of Aquatic Food Product Technology</i> , 2019, 28, 781-793.	1.4	9
12	Enhancing indigenous lipase activity of germinated <i>Jatropha curcas</i> L. Seeds for the enzymatic degradation of phorbol ester. <i>Biocatalysis and Agricultural Biotechnology</i> , 2014, 3, 71-76.	3.1	7
13	Application of Response Surface Methodology for the Optimization of $\beta$ -Carotene-Loaded Nanostructured Lipid Carrier from Mixtures of Palm Stearin and Palm Olein. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 2020, 97, 213-223.	1.9	7
14	Heat stable whey protein stabilised O/W emulsions: Optimisation of the whey protein concentrate dry heat incubation conditions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 603, 125192.	4.7	6
15	Surface Modification of Macroporous Matrix for Immobilization of Lipase for Fructose Oleic Ester Synthesis. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2016, 11, 339.	1.1	4
16	Sodium Silicate Catalyst for Synthesis Monoacylglycerol and Diacylglycerol-Rich Structured Lipids: Product Characteristic and Glycerolysis and Interesterification Kinetics. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2022, 17, 250-262.	1.1	4
17	Effect of ethanol concentrations on rice bran protease activity and ester synthesis during enzymatic synthesis of oleic acid ethyl ester in a fed-batch system using crude rice bran ( <i>Oryza</i> ). <i>Trends in Food Science and Technology</i> , 2021, 110, 1027-1034.	1.0	4
18	Calculation procedure for formulating lauric and palmitic fat blends based on the grouping of triacylglycerol melting points. <i>Grasas Y Aceites</i> , 2017, 68, 221.	0.9	3

#	ARTICLE	IF	CITATIONS
19	Production of Oleic Acid Ethyl Ester Catalyzed by Crude Rice Bran ( <i>Oryza sativa</i> ) Lipase in a Modified Fed-batch System: A Problem and its Solution. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2015, 10, .	1.1	2
20	Kinetic oxidation of protein and fat in snapper ( <i>Lutjanus sp</i> ) fillet during storage. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	2
21	Palm stearin and olein binary mixture incorporated into nanostructured lipids carrier: Improvement food functionality for micronutrient delivery. <i>Journal of Food Processing and Preservation</i> , 2020, 44, e14761.	2.0	2
22	Komposisi Asam Lemak, Angka Peroksida, dan Angka TBA Fillet Ikan Kakap ( <i>Lutjanus sp</i> ) pada Suhu dan Lama Penyimpanan Berbeda. <i>Agritech</i> , 2018, 37, 319.	0.1	2
23	KINETIKA OKSIDASI MINYAK IKAN TUNA ( <i>Thunus sp</i> ) SELAMA PENYIMPANAN (Kinetics Oxidation of Tuna) Tj ETQq1 1 0.784314 rgBT /Dv 0.1	0.1	2
24	SIFAT FUNGSIONAL ISOLAT PROTEIN "BLONDO"™ (COCONUT PRESSCAKE) DARI PRODUK SAMPING PEMISAHAN VCO (VIRGIN COCONUT OIL) DENGAN BERBAGAI METODE. <i>Agritech</i> , 2015, 35, 441.	0.1	2
25	Enzymatic Phorbol Esters Degradation using the Germinated <i>Jatropha Curcas</i> Seed Lipase as Biocatalyst: Optimization Process Conditions by Response Surface Methodology. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2016, 11, 346.	1.1	2
26	Novel source of protein extract from nyamplung ( <i>Calophyllum inophyllum</i> ). <i>AIP Conference Proceedings</i> , 2016, , .	0.4	0
27	Hydrolysis of Nyamplung ( <i>Calophyllum inophyllum</i> ) protein and their antioxidant activity. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	0
28	Fermentasi Chao Ikan Tembang ( <i>Sardinella gibbosa</i> ) Menggunakan Bakteri Asam Laktat Proteolitik. <i>Agritech</i> , 2021, 41, 34.	0.1	0
29	Kinetika Oksidasi Protein Ikan Kakap ( <i>Lutjanus sp</i> ) Selama Penyimpanan. <i>Agritech</i> , 2017, 37, 199.	0.1	0
30	Hidrolisis Pati dari Batang Kelapa Sawit dengan Kombinasi Perlakuan Asam Sitrat dan Steam Explosion Terhadap Sifat Fisiko Kimia Dekstrin. <i>Jurnal Aplikasi Teknologi Pangan</i> , 2020, 9, 9.	0.3	0