

Setiyo Gunawan

List of Publications by Year in descending order

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times ranked

856
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenolic and flavonoid compounds extraction from <i>Calophyllum inophyllum</i> leaves. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103666.	2.3	21
2	A Review of Lignocellulosic-Derived Nanoparticles for Drug Delivery Applications: Lignin Nanoparticles, Xylan Nanoparticles, and Cellulose Nanocrystals. <i>Molecules</i> , 2021, 26, 676.	1.7	53
3	Simulation of modified sorghum flour production using <i>Lactobacillus plantarum</i> bacteria. <i>AIP Conference Proceedings</i> , 2021, , .	0.3	0
4	Reaction kinetics of lactic acid fermentation from bitter cassava (<i>Manihot glaziovii</i>) starch by <i>Lactobacillus casei</i> . <i>Indonesian Journal of Biotechnology</i> , 2021, 26, 7.	0.1	1
5	Facile and Green Synthesis of Starfruit-Like ZIF-L, and Its Optimization Study. <i>Molecules</i> , 2021, 26, 4416.	1.7	21
6	Statistically Optimum HKUST-1 Synthesized by Room Temperature Coordination Modulation Method for the Adsorption of Crystal Violet Dye. <i>Molecules</i> , 2021, 26, 6430.	1.7	7
7	Kinetics Study of Cellulose Nanocrystals Modification Using Rarasaponins by Elovich Equation. <i>IPTK: the Journal for Technology and Science</i> , 2021, 31, 318.	0.2	0
8	The effect of high oleic and linoleic fatty acid composition for quality and economical of biodiesel from crude <i>Calophyllum inophyllum</i> oil (CCIO) with microwave-assisted extraction (MAE), batchwise solvent extraction (BSE), and combination of MAE+BSE methods. <i>Energy Reports</i> , 2020, 6, 3240-3248.	2.5	12
9	Production of Liquid Bio-Fertilizer from Old Coconut Water and Molasses using Consortium Microbes. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 845, 012007.	0.3	1
10	Hydrophobic Modification of Cellulose Nanocrystals from Bamboo Shoots Using Rarasaponins. <i>ACS Omega</i> , 2020, 5, 20967-20975.	1.6	24
11	Separation and purification of triglyceride from nyamplung (<i>Calophyllum inophyllum</i>) seed oil as biodiesel feedstock by using continuous countercurrent extraction. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2020, 16, 18-22.	0.4	4
12	The effects of crude <i>C. inophyllum</i> seed oil to silica gel mass ratio and number of stages on the isolation of wax. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2020, 16, 363-367.	0.4	0
13	Liquid Organic Fertilizer from Waste of Coconut Porridge Manufacturer and Molasses using Various Microorganisms. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 543, 012099.	0.3	1
14	Optimization of process conditions for tannin content reduction in cassava leaves during solid state fermentation using <i>Saccharomyces cerevisiae</i> . <i>Heliyon</i> , 2019, 5, e02298.	1.4	18
15	Kinetic data of extraction of cyanide during the soaking process of cassava leaves. <i>Data in Brief</i> , 2019, 25, 104279.	0.5	4
16	Utilization of Emission Carbon Dioxide Gas into High Economic Value Chemicals: Diethyl Carbonate. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 543, 012071.	0.3	1
17	Effect of fermentation time on the quality of modified gadung flour from gadung tuber (<i>Dioscorea</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	0.3	1
18	Isolation and identification of cholestane and dihydropyrene from <i>Calophyllum inophyllum</i> . <i>Heliyon</i> , 2019, 5, e02893.	1.4	5

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19	Optimization of cellulose nanocrystals from bamboo shoots using Response Surface Methodology. <i>Heliyon</i> , 2019, 5, e02807.	1.4	37
20	Comparative Study of Batchwise Solvent Extraction and the Microwave Assisted Extraction Method for the Purification of Triglyceride for Biodiesel Feedstock from Crude <i>Calophyllum Inophyllum</i> Oil (CCIO). <i>International Journal of Technology</i> , 2019, 10, 551.	0.4	7
21	Optimization of Solid State Fermentation Conditions for Cyanide Content Reduction in Cassava Leaves using Response Surface Methodology. <i>International Journal of Technology</i> , 2019, 10, 624.	0.4	4
22	Organic Fertilizer Potential Using <i>Aspergillus niger</i> , <i>Pseudomonas putida</i> and Effective Microorganisms from Coconut Water Waste in Ponorogo, East Java - Indonesia. <i>MATEC Web of Conferences</i> , 2018, 156, 03028.	0.1	2
23	Effect of solvent polarity levels on separation of xanthone and coumarin from <i>Calophyllum inophyllum</i> leaves extract. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 334, 012071.	0.3	2
24	Optimization of the fermentation time and bacteria cell concentration in the starter culture for cyanide acid removal from wild cassava (<i>Manihot glaziovii</i>). <i>MATEC Web of Conferences</i> , 2018, 156, 01004.	0.1	5
25	The effect of substrate and enzyme concentration on the glucose syrup production from red sorghum starch by enzymatic hydrolysis. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 160, 012002.	0.2	15
26	Effect of initial bacteria cells number and fermentation time on increasing nutritive value of sago flour. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2018, 14, 246-250.	0.4	5
27	Separation of xanthone and vitamin E from <i>Calophyllum inophyllum</i> leaf. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2018, 14, 484-489.	0.4	0
28	Fatty acid fragmentation of triacylglycerol isolated from crude nyamplung oil. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	2
29	Identification of phytochemical compounds in <i>Calophyllum inophyllum</i> leaves. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2017, 7, 773-781.	0.5	19
30	Separation and Purification of Triacylglycerols from Nyamplung (<i>Calophyllum inophyllum</i>) Oil by Batchwise Solvent Extraction. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 3113-3119.	1.8	13
31	Application of Ionic Liquid [DMIM]DMP Pretreatment in the Hydrolysis of Sugarcane Bagasse for Biofuel Production. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2015, 10, .	0.5	15
32	Preparation of Reducing Sugar Hydrolyzed from High-Lignin Coconut Coir Dust Pretreated by the Recycled Ionic Liquid [mmim][dmp] and Combination with Alkaline. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2015, 10, 8-22.	0.5	14
33	Comparative Study of the Preparation of Reducing Sugars Hydrolyzed from High-Lignin Lignocellulose Pretreated with Ionic Liquid, Alkaline Solution and Their Combination. <i>Journal of Engineering and Technological Sciences</i> , 2015, 47, 137-148.	0.3	13
34	CO ₂ Frost Phenomenon for Binary System of Methane-Carbon Dioxide Mixtures. <i>Journal of Engineering and Technological Sciences</i> , 2015, 47, 612-622.	0.3	21
35	The utilization of <i>Xylocarpus moluccensis</i> seed oil as biodiesel feedstock in Indonesia. <i>Industrial Crops and Products</i> , 2014, 52, 286-291.	2.5	12
36	Biodiesel production under subcritical solvent condition using subcritical water treated whole <i>Jatropha curcas</i> seed kernels and possible use of hydrolysates to grow <i>Yarrowia lipolytica</i> . <i>Fuel</i> , 2014, 120, 46-52.	3.4	32

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37	Optimization of operating conditions for separation of non polar lipids fraction from soybean oil deodorizer distillate by regenerated silica gel. , 2014, , .		0
38	Proximate composition of <i>Xylocarpus moluccensis</i> seeds and their oils. <i>Industrial Crops and Products</i> , 2013, 41, 107-112.	2.5	16
39	Irresolvable complex mixture of hydrocarbons in soybean oil deodorizer distillate. <i>Journal of Separation Science</i> , 2012, 35, 327-333.	1.3	5
40	Rice bran, a potential source of biodiesel production in Indonesia. <i>Industrial Crops and Products</i> , 2011, 33, 624-628.	2.5	31
41	Analysis of trans- and cis fatty acids in fatty acid steryl esters isolated from soybean oil deodoriser distillate. <i>Food Chemistry</i> , 2010, 121, 752-757.	4.2	13
42	Biodiesel production from rice bran by a two-step in-situ process. <i>Bioresource Technology</i> , 2010, 101, 984-989.	4.8	73
43	A Simple Two-Step Method for Simultaneous Isolation of Tocopherols and Free Phytosterols from Soybean Oil Deodorizer Distillate with High Purity and Recovery. <i>Separation Science and Technology</i> , 2010, 45, 2437-2446.	1.3	23
44	Vegetable Oil Deodorizer Distillate: Characterization, Utilization and Analysis. <i>Separation and Purification Reviews</i> , 2009, 38, 207-241.	2.8	28
45	Separation of Nonpolar Lipid from Soybean Oil Deodorizer Distillate by Stirred Batch-Wise Silica Gel Adsorption-Desorption. <i>Separation Science and Technology</i> , 2009, 44, 1621-1637.	1.3	8
46	Biodiesel production from rice bran oil and supercritical methanol. <i>Bioresource Technology</i> , 2009, 100, 2399-2403.	4.8	84
47	Isolation and identification of steroidal hydrocarbons in soybean oil deodorizer distillate. <i>Food Chemistry</i> , 2009, 117, 15-19.	4.2	19
48	Design and operation of a modified silica gel column chromatography. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2008, 39, 625-633.	1.4	19
49	Separation and purification of squalene from soybean oil deodorizer distillate. <i>Separation and Purification Technology</i> , 2008, 60, 128-135.	3.9	75
50	Isolation and Purification of Fatty Acid Steryl Esters from Soybean Oil Deodorizer Distillate. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 7013-7018.	1.8	24
51	Purification and identification of rice bran oil fatty acid steryl and wax esters. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2006, 83, 449-456.	0.8	34
52	Production of Ethanol as a Renewable Energy by Extractive Fermentation. <i>Applied Mechanics and Materials</i> , 0, 493, 300-305.	0.2	9
53	Separation and Purification of Wax from Nyamplung (<i>Calophyllum inophyllum</i>) Seed Oil. <i>Materials Science Forum</i> , 0, 964, 1-6.	0.3	2
54	Calophyllolide Separation from <i>Calophyllum inophyllum</i> Oil by Silica Gel Adsorption. <i>Materials Science Forum</i> , 0, 988, 101-107.	0.3	3

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55	Solid-State Fermentation of Cassava Products for Degradation of Anti-Nutritional Value and Enrichment of Nutritional Value. , 0, , .		3
56	Calophyllum inophyllum: Beneficial Phytochemicals, Their Uses, and Identification. , 0, , .		1