

Shuhaida Harun

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

814
citations

516561

16
h-index

552653

26
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33
all docs

33
docs citations

33
times ranked

947
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of changes in chemical and structural characteristic of ammonia fibre expansion (AFEX) pretreated oil palm empty fruit bunch fibre on enzymatic saccharification and fermentability for biohydrogen. <i>Bioresource Technology</i> , 2016, 211, 200-208.	4.8	95
2	Utilization of oil palm fronds as a sustainable carbon source in biorefineries. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 4896-4906.	3.8	84
3	Enhancement of batch biohydrogen production from prehydrolysate of acid treated oil palm empty fruit bunch. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 9592-9599.	3.8	76
4	Performance of AFEX [®] pretreated rice straw as source of fermentable sugars: the influence of particle size. <i>Biotechnology for Biofuels</i> , 2013, 6, 40.	6.2	69
5	Batch and continuous thermophilic hydrogen fermentation of sucrose using anaerobic sludge from palm oil mill effluent via immobilisation technique. <i>Process Biochemistry</i> , 2016, 51, 297-307.	1.8	51
6	Insight into Biomass as a Renewable Carbon Source for the Production of Succinic Acid and the Factors Affecting the Metabolic Flux toward Higher Succinate Yield. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 16123-16134.	1.8	48
7	Biohydrogen production from pentose-rich oil palm empty fruit bunch molasses: A first trial. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 15693-15699.	3.8	45
8	Biorefinery approach towards greener succinic acid production from oil palm frond bagasse. <i>Process Biochemistry</i> , 2016, 51, 1527-1537.	1.8	44
9	Fractionation of oil palm fronds (OPF) hemicellulose using dilute nitric acid for fermentative production of xylitol. <i>Industrial Crops and Products</i> , 2018, 115, 6-15.	2.5	41
10	Effect of Sodium Hydroxide Pretreatment on Rice Straw Composition. <i>Indian Journal of Science and Technology</i> , 2016, 9, .	0.5	38
11	Potential use of coconut shell activated carbon as an immobilisation carrier for high conversion of succinic acid from oil palm frond hydrolysate. <i>RSC Advances</i> , 2017, 7, 49480-49489.	1.7	26
12	Organic Acid Pretreatment of Oil Palm Trunk Biomass for Succinic Acid Production. <i>Waste and Biomass Valorization</i> , 2020, 11, 5549-5559.	1.8	23
13	Biotechnological route for sustainable succinate production utilizing oil palm frond and kenaf as potential carbon sources. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 3055-3075.	1.7	22
14	Telescopic synthesis of cellulose nanofibrils with a stable dispersion of Fe(0) nanoparticles for synergistic removal of 5-fluorouracil. <i>Scientific Reports</i> , 2019, 9, 11703.	1.6	22
15	Preparation of kenaf stem hemicellulosic hydrolysate and its fermentability in microbial production of xylitol by <i>Escherichia coli</i> BL21. <i>Scientific Reports</i> , 2019, 9, 4080.	1.6	19
16	Compatibility of utilising nitrogen-rich oil palm trunk sap for succinic acid fermentation by <i>Actinobacillus succinogenes</i> 130Z. <i>Bioresource Technology</i> , 2019, 293, 122085.	4.8	17
17	Homogeneous solid dispersion (HSD) system for rapid and stable production of succinic acid from lignocellulosic hydrolysate. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 117-130.	1.7	12
18	Palm oil mill effluent as the pretreatment solvent of oil palm empty fruit bunch fiber for fermentable sugars production. <i>Bioresource Technology</i> , 2020, 314, 123723.	4.8	11

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19	Whole slurry saccharification of mild oxalic acid-pretreated oil palm trunk biomass improves succinic acid production. <i>Industrial Crops and Products</i> , 2021, 171, 113854.	2.5	11
20	Investigation of the Effect of Supercritical Carbon Dioxide Pretreatment on Sugar Yield Prior to Enzymatic Hydrolysis of Empty Fruit Bunches. <i>Industrial Biotechnology</i> , 2015, 11, 272-276.	0.5	10
21	Scale-up approach for supercritical fluid extraction with ethanol-water modified carbon dioxide on <i>Phyllanthus niruri</i> for safe enriched herbal extracts. <i>Scientific Reports</i> , 2021, 11, 15818.	1.6	9
22	Synergistic effects on process parameters to enhance enzymatic hydrolysis of alkaline oil palm fronds. <i>Industrial Crops and Products</i> , 2018, 122, 617-626.	2.5	8
23	Oil palm trunk biomass pretreatment with oxalic acid and its effect on enzymatic digestibility and fermentability. <i>Materials Today: Proceedings</i> , 2021, 42, 119-123.	0.9	7
24	Effect of Static Extraction Time on Supercritical Fluid Extraction of Bioactive Compounds from <i>Phyllanthus niruri</i> . <i>Journal of Computational and Theoretical Nanoscience</i> , 2020, 17, 918-924.	0.4	6
25	RECOVERY OF FERMENTABLE SUGARS FROM PALM OIL MILL EFFLUENT VIA ENZYMATIc HYDROLYSIS. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 77, .	0.3	5
26	Sequential detoxification of oil palm fronds hydrolysate with coconut shell activated charcoal and pH controlled in bioreactor for xylitol production. <i>Chemical Engineering Research and Design</i> , 2022, 179, 90-106.	2.7	5
27	Programme outcomes year III student through integrated project and open ended laboratory. , 2016, , .		3
28	Preliminary Study on Analysis of the Chemical Compositions and Characterization of Empty Fruit Bunch (EFB) in Malaysia. <i>Advanced Materials Research</i> , 0, 970, 204-208.	0.3	2
29	Recovery of lignin and phenolics via one-pot pretreatment of oil palm empty fruit bunch fiber and palm oil mill effluent. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	2.9	2
30	Oil palm biomass zero-waste conversion to bio-succinic acid. , 2022, , 249-275.		2
31	Chemical Composition of Native and Ammonia Fiber Expansion Pretreated Rice Straw-Unextracted versus Extractives-free Material. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.3	0