

# Shuhaida Harun

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

814  
citations

516215

16  
h-index

552369

26  
g-index

33  
all docs

33  
docs citations

33  
times ranked

947  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oil palm biomass zero-waste conversion to bio-succinic acid. , 2022, , 249-275.		2
2	Sequential detoxification of oil palm fronds hydrolysate with coconut shell activated charcoal and pH controlled in bioreactor for xylitol production. Chemical Engineering Research and Design, 2022, 179, 90-106.	2.7	5
3	Oil palm trunk biomass pretreatment with oxalic acid and its effect on enzymatic digestibility and fermentability. Materials Today: Proceedings, 2021, 42, 119-123.	0.9	7
4	Scale-up approach for supercritical fluid extraction with ethanolâ€“water modified carbon dioxide on Phyllanthus niruri for safe enriched herbal extracts. Scientific Reports, 2021, 11, 15818.	1.6	9
5	Whole slurry saccharification of mild oxalic acid-pretreated oil palm trunk biomass improves succinic acid production. Industrial Crops and Products, 2021, 171, 113854.	2.5	11
6	Palm oil mill effluent as the pretreatment solvent of oil palm empty fruit bunch fiber for fermentable sugars production. Bioresource Technology, 2020, 314, 123723.	4.8	11
7	Organic Acid Pretreatment of Oil Palm Trunk Biomass for Succinic Acid Production. Waste and Biomass Valorization, 2020, 11, 5549-5559.	1.8	23
8	Effect of Static Extraction Time on Supercritical Fluid Extraction of Bioactive Compounds from <i>Phyllanthus niruri</i> . Journal of Computational and Theoretical Nanoscience, 2020, 17, 918-924.	0.4	6
9	Telescopic synthesis of cellulose nanofibrils with a stable dispersion of Fe(0) nanoparticles for synergistic removal of 5-fluorouracil. Scientific Reports, 2019, 9, 11703.	1.6	22
10	Compatibility of utilising nitrogen-rich oil palm trunk sap for succinic acid fermentation by <i>Actinobacillus succinogenes</i> 130Z. Bioresource Technology, 2019, 293, 122085.	4.8	17
11	Preparation of kenaf stem hemicellulosic hydrolysate and its fermentability in microbial production of xylitol by <i>Escherichia coli</i> BL21. Scientific Reports, 2019, 9, 4080.	1.6	19
12	Homogeneous solid dispersion (HSD) system for rapid and stable production of succinic acid from lignocellulosic hydrolysate. Bioprocess and Biosystems Engineering, 2019, 42, 117-130.	1.7	12
13	Fractionation of oil palm fronds (OPF) hemicellulose using dilute nitric acid for fermentative production of xylitol. Industrial Crops and Products, 2018, 115, 6-15.	2.5	41
14	Synergistic effects on process parameters to enhance enzymatic hydrolysis of alkaline oil palm fronds. Industrial Crops and Products, 2018, 122, 617-626.	2.5	8
15	Biotechnological route for sustainable succinate production utilizing oil palm frond and kenaf as potential carbon sources. Applied Microbiology and Biotechnology, 2017, 101, 3055-3075.	1.7	22
16	Potential use of coconut shell activated carbon as an immobilisation carrier for high conversion of succinic acid from oil palm frond hydrolysate. RSC Advances, 2017, 7, 49480-49489.	1.7	26
17	Effect of Sodium Hydroxide Pretreatment on Rice Straw Composition. Indian Journal of Science and Technology, 2016, 9, .	0.5	38
18	Programme outcomes year III student through integrated project and open ended laboratory. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
19	Biorefinery approach towards greener succinic acid production from oil palm frond bagasse. <i>Process Biochemistry</i> , 2016, 51, 1527-1537.	1.8	44
20	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
21	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
22	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
23	RECOVERY OF FERMENTABLE SUGARS FROM PALM OIL MILL EFFLUENT VIA ENZYMATIC HYDROLYSIS. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 77, .	0.3	5
24	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
25	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
26	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 &amp; Engineering Chemistry Research</i> , 2014, 53, 16123-16134.	1.8	48
27	Performance of AFEX <sup>®</sup> pretreated rice straw as source of fermentable sugars: the influence of particle size. <i>Biotechnology for Biofuels</i> , 2013, 6, 40.	6.2	69
28	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
29	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
30	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
31	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