Najeeb Kaid Nasser Al-Shorgani

List of Publications by Year in Descending Order

44 papers	986 citations	20 h-index	30 g-index
46 ext. papers	1,154 ext. citations	4.3 avg, IF	4.39 L-index

#	Paper	IF	Citations
44	Performance optimization of microbial electrolysis cell (MEC) for palm oil mill effluent (POME) wastewater treatment and sustainable Bio-H2 production using response surface methodology (RSM). *International Journal of Hydrogen Energy*, **2021**,	6.7	4
43	Techno-economic analysis of a two-step fermentation process for bio-butanol production from cooked rice. *Sustainable Energy and Fuels*, **2021**, 5, 3705-3718	5.8	5
42	Evaluation of antibacterial potential of biosurfactant produced by surfactin-producing Bacillus isolated from selected Malaysian fermented foods. *Food Biotechnology*, **2020**, 34, 1-24	2.2	16
41	Two-step fermentation of cooked rice with Aspergillus oryzae and Clostridium acetobutylicum YM1 for biobutanol production. *Biofuels*, **2020**, 1-7	2	4
40	Continuous Butanol Fermentation of Dilute Acid-Pretreated De-oiled Rice Bran by Clostridium acetobutylicum YM1. *Scientific Reports*, **2019**, 9, 4622	4.9	22
39	Microbial Electrolysis Cells (MECs) **2019**, 209-234		6
38	Enhanced butanol production by optimization of medium parameters using YM1. *Saudi Journal of Biological Sciences*, **2018**, 25, 1308-1321	4	30
37	Optimization of the Key Medium Components and Culture Conditions for Efficient Cultivation of G. sulfurreducens Strain PCA ATCC 51573 Using Response Surface Methodology **2018**, 42, 237-244		6
36	Impact of pH and butyric acid on butanol production during batch fermentation using a new local isolate of YM1. *Saudi Journal of Biological Sciences*, **2018**, 25, 339-348	4	41
35	Optimization of Culture Conditions for Enhanced Growth, Lipid and Docosahexaenoic Acid (DHA) Production of Aurantiochytrium SW1 by Response Surface Methodology. *Scientific Reports*, **2018**, 8, 8909	4.9	37
34	Biohydrogen production in microbial electrolysis cells from renewable resources **2018**, 331-356		9
33	Assessment of the detoxification of palm kernel cake hydrolysate for butanol production by Clostridium acetobutylicum YM1. *Biocatalysis and Agricultural Biotechnology*, **2018**, 13, 105-109	4.2	3
32	Microbial Electrolysis Cells (MECs) as Innovative Technology for Sustainable Hydrogen Production: Fundamentals and Perspective Applications **2017**, 407-457		11
31	Production of Acetone, Butanol, and Ethanol (ABE) by Clostridium acetobutylicum YM1 from Pretreated Palm Kernel Cake in Batch Culture Fermentation. *BioResources*, **2017**, 12,	1.3	5
30	A NEW DESIGN ENHANCES HYDROGEN PRODUCTION BY G. SULFURREDUCENS PCA STRAIN IN A SINGLE-CHAMBER MICROBIAL ELECTROLYSIS CELL (MEC). *Jurnal Teknologi (Sciences and Engineering)*, **2017**, 79,	1.2	4
29	Isolation of a Clostridium acetobutylicum strain and characterization of its fermentation performance on agricultural wastes. *Renewable Energy*, **2016**, 86, 459-465	8.1	27
28	Production of hydrogen energy from dilute acid-hydrolyzed palm oil mill effluent in dark fermentation using an empirical model. *International Journal of Hydrogen Energy*, **2016**, 41, 16373-16384	6.7	27

27	Enhanced mannan-derived fermentable sugars of palm kernel cake by mannanase-catalyzed hydrolysis for production of biobutanol. *Bioresource Technology*, **2016**, 218, 257-64	11	29
26	Saccharification of polysaccharide content of palm kernel cake using enzymatic catalysis for production of biobutanol in acetone-butanol-ethanol fermentation. *Bioresource Technology*, **2016**, 202, 206-13	11	25
25	Biohydrogen production from de-oiled rice bran as sustainable feedstock in fermentative process. *International Journal of Hydrogen Energy*, **2016**, 41, 145-156	6.7	58
24	Utilization of palm kernel cake as a renewable feedstock for fermentative hydrogen production. *Renewable Energy*, **2016**, 93, 700-708	8.1	13
23	Grey relational analysis for comparative assessment of different cathode materials in microbial electrolysis cells. *Energy*, **2015**, 90, 1556-1562	7.9	79
22	Biobutanol production by a new aerotolerant strain of Clostridium acetobutylicum YM1 under aerobic conditions. *Fuel*, **2015**, 158, 855-863	7.1	16
21	Process optimization of butanol production by Clostridium saccharoperbutylacetonicum N1-4 (ATCC 13564) using palm oil mill effluent in acetone□butanol□ethanol fermentation. *Biocatalysis and Agricultural Biotechnology*, **2015**, 4, 244-249	4.2	29
20	Improvement of the butanol production selectivity and butanol to acetone ratio (B:A) by addition of electron carriers in the batch culture of a new local isolate of Clostridium acetobutylicum YM1. *Anaerobe*, **2015**, 36, 65-72	2.8	12
19	Response Surface Methodology for Biobutanol Optimization Using Locally Isolated Clostridium acetobutylicum YM1. *International Journal of Green Energy*, **2015**, 12, 1236-1243	3	4
18	Biohydrogen production from agroindustrial wastes via Clostridium saccharoperbutylacetonicum N1-4 (ATCC 13564). *Clean Technologies and Environmental Policy*, **2014**, 16, 11-21	4.3	21
17	Production of butanol by Clostridium saccharoperbutylacetonicum N1-4 from palm kernel cake in acetone-butanol-ethanol fermentation using an empirical model. *Bioresource Technology*, **2014**, 170, 565-573	11	51
16	The production of biohydrogen by a novel strain Clostridium sp. YM1 in dark fermentation process. *International Journal of Hydrogen Energy*, **2014**, 39, 12524-12531	6.7	56
15	Optimization of aeration and agitation rate for lipid and gamma linolenic acid production by Cunninghamella bainieri 2A1 in submerged fermentation using response surface methodology. *Scientific World Journal, The*, **2014**, 2014, 280146	2.2	25
14	Enhanced butanol production by Clostridium acetobutylicum NCIMB 13357 grown on date fruit as carbon source in P2 medium. *Scientific World Journal, The*, **2014**, 2014, 395754	2.2	22
13	Biobutanol Production from Palm Kernel Cake (PKC) using Clostridium saccharoperbutylacetonicum N1-4 in Batch Culture Fermentation. *BioResources*, **2014**, 9,	1.3	9
12	Biobutanol production by a new local isolate of Clostridium acetobutylicum YM1 **2014**,		1
11	Optimization of FPase Activity using Sorghum Straw Planted in Malaysia by Aspergillus terreus SUK-1 via Solid Substrate Fermentation. *Biotechnology*, **2014**, 14, 23-28	0.1	1
10	Biohydrogen production from ricebran using Clostridium saccharoperbutylacetonicum N1-4. *International Journal of Hydrogen Energy*, **2013**, 38, 15063-15073	6.7	20

9	Pre-Optimization Conditions for Haematococcus pluvialis Growth. *International Journal on Advanced Science, Engineering and Information Technology*, **2013**, 3, 168	1.6	9
8	Optimization of medium components using response surface methodology (RSM) for mycelium biomass and exopolysaccharide production by <i>Lentinus squarrosulus</i>. *Advances in Bioscience and Biotechnology (Print)*, **2013**, 04, 1079-1085	0.9	16
7	The use of pretreated palm oil mill effluent for acetone butanol ethanol fermentation by Clostridium saccharoperbutylacetonicum N1-4. *Clean Technologies and Environmental Policy*, **2012**, 14, 879-887	4.3	18
6	Fermentation of sago starch to biobutanol in a batch culture using Clostridium saccharoperbutylacetonicum N1-4 (ATCC 13564). *Annals of Microbiology*, **2012**, 62, 1059-1070	3.2	26
5	Pre-optimization of Medium for Biobutanol Production by a New Isolate of Solvent-producing Clostridium. *BioResources*, **2012**, 8,	1.3	20
4	Bioconversion of Butyric Acid to Butanol by Clostridium saccharoperbutylacetonicum N1-4 (ATCC 13564) in a Limited Nutrient Medium. *Bioenergy Research*, **2012**, 5, 287-293	3.1	56
3	Biobutanol production from rice bran and de-oiled rice bran by Clostridium saccharoperbutylacetonicum N1-4. *Bioprocess and Biosystems Engineering*, **2012**, 35, 817-26	3.7	76
2	The Effect of Different Carbon Sources on Biobutanol Production using Clostridium saccharoperbutylacetonicum N1-4. *Biotechnology*, **2011**, 10, 280-285	0.1	22
1	Direct Fermentation of Palm Oil Mill Effluent to Acetone-butanol-ethanol by Solvent Producing Clostridia. *Pakistan Journal of Biological Sciences*, **2003**, 6, 1273-1275	0.8	15