

Wan Mohtar Wan Wan Yusoff

List of Publications by Year in descending order

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58
papers

1,409
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257450

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1567
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#	ARTICLE	IF	CITATIONS
1	Two-step fermentation of cooked rice with <i>Aspergillus oryzae</i> and <i>Clostridium acetobutylicum</i> YM1 for biobutanol production. <i>Biofuels</i> , 2022, 13, 579-585.	2.4	6
2	Techno-economic analysis of a two-step fermentation process for bio-butanol production from cooked rice. <i>Sustainable Energy and Fuels</i> , 2021, 5, 3705-3718.	4.9	11
3	Transcriptomic Profiling of Rice Seedlings Inoculated with the Symbiotic Fungus <i>Trichoderma asperellum</i> SL2. <i>Journal of Plant Growth Regulation</i> , 2019, 38, 1507-1515.	5.1	35
4	Enhanced butanol production by optimization of medium parameters using <i>Clostridium acetobutylicum</i> YM1. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 1308-1321.	3.8	39
5	A simple, efficient, and farmer-friendly <i>Trichoderma</i> -based biofertilizer evaluated with the SRI Rice Management System. <i>Organic Agriculture</i> , 2018, 8, 207-223.	2.4	36
6	Impact of pH and butyric acid on butanol production during batch fermentation using a new local isolate of <i>Clostridium acetobutylicum</i> YM1. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 339-348.	3.8	61
7	Enhanced Biosurfactant Production by <i>Bacillus pumilus</i> 21R in Fed-Batch Fermentation Using 5-L Bioreactor. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2018, 42, 1111-1123.	1.5	15
8	Effect of nitrogen sources on biomass, lipid and docosahexanoic acid production by <i>Aurantiochytrium</i> sp. SW1. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	1
9	Relationship observed between salinity-tolerant callus cell lines and anatomical structure of Line 2 () Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 367-378.	3.1	3
10	Relationships observed between <i>Trichoderma</i> inoculation and characteristics of rice grown under System of Rice Intensification (SRI) vs. conventional methods of cultivation. <i>Symbiosis</i> , 2017, 72, 45-59.	2.3	40
11	Antifungal Activity of Lactic Acid Bacteria Strains Isolated from Natural Honey against Pathogenic <i>Candida</i> Species. <i>Mycobiology</i> , 2016, 44, 302-309.	1.7	74
12	Impact of gamma rays exposure and growth regulators on <i>Oryza sativa</i> L. c.v MR269 callus induction. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	4
13	Applications of polysaccharides (β -glucan) for physiological and biochemical parameters for evaluation rice tolerance under salinity stress at seedling stage. <i>Journal of Crop Science and Biotechnology</i> , 2016, 19, 353-362.	1.5	3
14	Impact of exogenous ascorbic acid on biochemical activities of rice callus treated with salt stress. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	2
15	Increasing rice plant growth by <i>Trichoderma</i> sp.. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	0
16	Characterization, production and optimization of lipopeptide biosurfactant by new strain <i>Bacillus pumilus</i> 21R isolated from an Iranian oil field. <i>Journal of Petroleum Science and Engineering</i> , 2016, 145, 510-519.	4.2	30
17	Isolation of a <i>Clostridium acetobutylicum</i> strain and characterization of its fermentation performance on agricultural wastes. <i>Renewable Energy</i> , 2016, 86, 459-465.	8.9	32
18	Effect of Irradiation and Polyethylene Glycol on Drought Tolerance of MR269 Genotype Rice (<i>Oryza</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.2	5

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19	Response Surface Methodology for Biobutanol Optimization Using Locally Isolated <i>Clostridium acetobutylicum</i> YM1. International Journal of Green Energy, 2015, 12, 1236-1243.	3.8	5
20	A new strain of docosahexaenoic acid producing microalga from Malaysian coastal waters. Algal Research, 2015, 9, 40-47.	4.6	55
21	Mycelial Pellet Formation in Fungal Lipid Production by <i>Cunninghamella bainieri</i> 2A1 Using Repeated Batch Culture. The National Academy of Sciences, India, 2015, 38, 329-332.	1.3	4
22	Biobutanol production by a new aerotolerant strain of <i>Clostridium acetobutylicum</i> YM1 under aerobic conditions. Fuel, 2015, 158, 855-863.	6.4	24
23	Process optimization of butanol production by <i>Clostridium saccharoperbutylacetonicum</i> N1-4 (ATCC) Tj ETQq1 1 0.784314 rgBT /Over Agricultural Biotechnology, 2015, 4, 244-249.	3.1	37
24	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 <i>Clostridium acetobutylicum</i> YM1. Anaerobe, 2015, 36, 65-72.	2.1	14
25	Exogenous Application of Ascorbic Acid Ameliorates Detrimental Effects of Salt Stress in Rice (MRQ74) Tj ETQq1 1 0.784314 rgBT /Over	0.2	16
26	Optimization of Aeration and Agitation Rate for Lipid and Gamma Linolenic Acid Production by <i>Cunninghamella bainieri</i> 2A1 in Submerged Fermentation Using Response Surface Methodology. Scientific World Journal, The, 2014, 2014, 1-12.	2.1	29
27	Repeated Batch Fermentation Biotechnology for the Biosynthesis of Lipid and Gamma-Linolenic Acid by <i>Cunninghamella bainieri</i> 2A1. BioMed Research International, 2014, 2014, 1-12.	1.9	14
28	Enhanced Butanol Production by <i>Clostridium acetobutylicum</i> NCIMB 13357 Grown on Date Fruit as Carbon Source in P2 Medium. Scientific World Journal, The, 2014, 2014, 1-7.	2.1	30
29	Formulation of <i>Trichoderma</i> sp. SL2 inoculants using different carriers for soil treatment in rice seedling growth. SpringerPlus, 2014, 3, 532.	1.2	40
30	Biobutanol production by a new local isolate of <i>Clostridium acetobutylicum</i> YM1. , 2014, , .		1
31	Biohydrogen production from agroindustrial wastes via <i>Clostridium saccharoperbutylacetonicum</i> N1-4 (ATCC 13564). Clean Technologies and Environmental Policy, 2014, 16, 11-21.	4.1	26
32	Physiological and growth response of rice plants (<i>Oryza sativa</i> L.) to <i>Trichoderma</i> spp. inoculants. AMB Express, 2014, 4, 45.	3.0	74
33	Enhanced Rice Seedling Growth by <i>Clostridium</i> and <i>Pseudomonas</i> . Biotechnology, 2014, 13, 186-189.	0.1	12
34	Optimization of FPase Activity using Sorghum Straw Planted in Malaysia by <i>Aspergillus terreus</i> SUK-1 via Solid Substrate Fermentation. Biotechnology, 2014, 14, 23-28.	0.1	3
35	Biohydrogen production from rice bran using <i>Clostridium saccharoperbutylacetonicum</i> N1-4. International Journal of Hydrogen Energy, 2013, 38, 15063-15073.	7.1	26
36	Optimization of CMCase production from sorghum straw by <i>Aspergillus terreus</i> SUK-1 under solid substrate fermentation using response surface methodology. , 2013, , .		0

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37	Identification of potential local isolated for biosurfactant production. , 2013, , .		2
38	Production of biosurfactant by indigenous isolated bacteria in fermentation system. AIP Conference Proceedings, 2013, , .	0.4	4
39	Microbial Involvement in Growth of Paddy. Current Research Journal of Biological Sciences, 2013, 5, 285-290.	0.1	28
40	Effect of Some Environmental Parameters on Biobutanol Production by Clostridium acetobutylicum NCIMB 13357 in Date Fruit Medium. Pakistan Journal of Biological Sciences, 2013, 16, 1145-1151.	0.5	9
41	Studies on Extraction of Mannanase Enzyme by Aspergillus terreus SUK-1 from Fermented Palm Kernel Cake. Pakistan Journal of Biological Sciences, 2013, 16, 933-938.	0.5	6
42	The use of pretreated palm oil mill effluent for acetoneâ€butanolâ€ethanol fermentation by Clostridium saccharoperbutylacetonicum N1-4. Clean Technologies and Environmental Policy, 2012, 14, 879-887.	4.1	22
43	Fermentation of sago starch to biobutanol in a batch culture using Clostridium saccharoperbutylacetonicum N1-4 (ATCC 13564). Annals of Microbiology, 2012, 62, 1059-1070.	2.6	31
44	Pre-optimization of Medium for Biobutanol Production by a New Isolate of Solvent-producing Clostridium. BioResources, 2012, 8, .	1.0	23
45	Bioconversion of Butyric Acid to Butanol by Clostridium saccharoperbutylacetonicum N1-4 (ATCC) Tj ETQq1 1 0.784314 rgBT /Overlo	3.9	62
46	Biobutanol production from rice bran and de-oiled rice bran by Clostridium saccharoperbutylacetonicum N1-4. Bioprocess and Biosystems Engineering, 2012, 35, 817-826.	3.4	94
47	Solid substrate fermentation for cellulase production using palm kernel cake as a renewable lignocellulosic source in packed-bed bioreactor. Biotechnology and Bioprocess Engineering, 2011, 16, 238-244.	2.6	26
48	The role of ATP citrate lyase, malic enzyme and fatty acid synthase in the regulation of lipid accumulation in Cunninghamella sp. 2A1. Annals of Microbiology, 2011, 61, 463-468.	2.6	23
49	The Effect of Different Carbon Sources on Biobutanol Production using Clostridium saccharoperbutylacetonicum N1-4. Biotechnology, 2011, 10, 280-285.	0.1	28
50	Optimization of Temperature, Moisture Content and Inoculum Size in Solid State Fermentation to Enhance Mannanase Production by Aspergillus terreus SUK-1 using RSM. Pakistan Journal of Biological Sciences, 2011, 14, 533-539.	0.5	11
51	Utilization of palm kernel cake for production of Î²-mannanase by Aspergillus niger FTCC 5003 in solid substrate fermentation using an aerated column bioreactor. Journal of Industrial Microbiology and Biotechnology, 2010, 37, 103-109.	3.0	45
52	Lipid biosynthesis in Cunninghamella bainieri 2A1 in N-limited and N-excess media. Annals of Microbiology, 2010, 60, 615-622.	2.6	16
53	Optimizing of Trichoderma viride Cultivation in Submerged State Fermentation. American Journal of Applied Sciences, 2009, 6, 1284-1288.	0.2	18
54	Media Improvement for Hydrogen Production Using C. acetobutylicum NCIMB 13357. American Journal of Applied Sciences, 2009, 6, 1158-1168.	0.2	8

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55	Effect of Nitrogen Source and Carbon to Nitrogen Ratio on Hydrogen Production using <i>C. acetobutylicum</i> . American Journal of Biochemistry and Biotechnology, 2008, 4, 393-401.	0.4	45
56	Growth Enhancement of Effective Microorganisms for Bioremediation of Crude Oil Contaminated Waters. Pakistan Journal of Biological Sciences, 2008, 11, 1708-1712.	0.5	5
57	Optimization of medium for the production of α -cyclodextrin glucanotransferase using Central Composite Design (CCD). Process Biochemistry, 2005, 40, 753-758.	3.7	56
58	Synergism of cellulase enzymes in mixed culture solid substrate fermentation. Biotechnology Letters, 2001, 23, 1771-1774.	2.2	40