

Shaliza Ibrahim

List of Publications by Year in descending order

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152
papers

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citations

126907

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152
docs citations

152
times ranked

5959
citing authors

#	ARTICLE	IF	CITATIONS
1	Realizing higher value output from biomass conversion to biogas through the production of biohydrogen, biomethane, and biohythane. , 2022, , 317-334.		1
2	Valorization of animal manure via pyrolysis for bioenergy: A review. Journal of Cleaner Production, 2022, 343, 130965.	9.3	33
3	Pyrolysis of oil palm wastes for bioenergy in Malaysia: A review. Renewable and Sustainable Energy Reviews, 2022, 164, 112554.	16.4	22
4	Experimental design via NaOH activation process and statistical analysis for activated sugarcane bagasse hydrochar for removal of dye and antibiotic. Journal of Environmental Chemical Engineering, 2021, 9, 104829.	6.7	29
5	Cellulose supported promising magnetic sorbents for magnetic solid-phase extraction: A review. Carbohydrate Polymers, 2021, 253, 117245.	10.2	16
6	Start-up study of biohydrogen production from palm oil mill effluent in a lab-scale up-flow anaerobic sludge blanket fixed-film reactor. International Journal of Hydrogen Energy, 2021, 46, 10191-10204.	7.1	13
7	Valorisation of medical waste through pyrolysis for a cleaner environment: Progress and challenges. Environmental Pollution, 2021, 279, 116934.	7.5	77
8	Analysis of biohydrogen production from palm oil mill effluent using a pilot-scale up-flow anaerobic sludge blanket fixed-film reactor in life cycle perspective. International Journal of Hydrogen Energy, 2021, 46, 34059-34072.	7.1	18
9	Enunciation of size effect of sustainable palm oil clinker sand on the characteristics of cement and geopolymer mortars. Journal of Building Engineering, 2021, 44, 103335.	3.4	8
10	Solvothermal growth of the bimetal organic framework (NiFe-MOF) on sugarcane bagasse hydrochar for the removal of dye and antibiotic. Journal of Environmental Chemical Engineering, 2021, 9, 106367.	6.7	22
11	Fluoride removal by palm shell waste based powdered activated carbon vs. functionalized carbon with magnesium silicate: Implications for their application in water treatment. Chemosphere, 2020, 239, 124765.	8.2	61
12	ANFIS-based model for predicting actual shear rate associated with wall slip phenomenon. Soft Computing, 2020, 24, 9639-9649.	3.6	14
13	Effects of temperature and dark fermentation effluent on biomethane production in a two-stage up-flow anaerobic sludge fixed-film (UASFF) bioreactor. Fuel, 2020, 263, 116729.	6.4	23
14	Macromixing study for various designs of impellers in a stirred vessel. Chemical Engineering and Processing: Process Intensification, 2020, 148, 107794.	3.6	12
15	Performance evaluation of palm oil clinker sand as replacement for conventional sand in geopolymer mortar. Construction and Building Materials, 2020, 258, 120352.	7.2	29
16	Volume based design approach for sustainable palm oil clinker as whole replacement for conventional sand in mortar. Journal of Building Engineering, 2020, 32, 101660.	3.4	7
17	Nonisocyanate Poly(Hydroxyl Urethane)-Based Green Polymer Hybrid Coating Systems: Tailoring of Biomacromolecular Compound Architecture Using APTMS-ZnO/TEMPO-Oxidized Cellulose Nanoparticles. ACS Omega, 2020, 5, 10315-10326.	3.5	6
18	Functionalized magnetic mesoporous palm shell activated carbon for enhanced removal of azo dyes. Journal of Environmental Chemical Engineering, 2020, 8, 104081.	6.7	38

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19	Amine functionalized magnetic nano-composite materials for the removal of selected endocrine disrupting compounds and its mechanism study. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103839.	6.7	12
20	Start-up Study on Biohydrogen from Palm Oil Mill Effluent in a Pilot-scale Reactor. <i>Clean - Soil, Air, Water</i> , 2020, 48, 2000192.	1.1	8
21	Artificial Neural Network (ANN) model development for predicting just suspension speed in solid-liquid mixing system. <i>Flow Measurement and Instrumentation</i> , 2020, 71, 101689.	2.0	20
22	Integrated System Technology of POME Treatment for Biohydrogen and Biomethane Production in Malaysia. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 951.	2.5	10
23	Feedforward Artificial Neural Network-Based Model for Predicting the Removal of Phenolic Compounds from Water by Using Deep Eutectic Solvent-Functionalized CNTs. <i>Molecules</i> , 2020, 25, 1511.	3.8	11
24	A study of palm oil mill processing and environmental assessment of palm oil mill effluent treatment. <i>Environmental Engineering Research</i> , 2020, 25, 212-221.	2.5	49
25	UASFF start-up for biohydrogen and biomethane production from treatment of Palm Oil Mill Effluent. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 20725-20737.	7.1	23
26	Mesoporous silica from batik sludge impregnated with aluminum hydroxide for the removal of bisphenol A and ibuprofen. <i>Journal of Colloid and Interface Science</i> , 2019, 541, 12-17.	9.4	20
27	Experimental and modeling evaluation of droplet size in immiscible liquid-liquid stirred vessel using various impeller designs. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 100, 26-36.	5.3	13
28	Rheological wall slip velocity prediction model based on artificial neural network. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2019, 31, 659-676.	2.8	18
29	Sensitivity analysis of artificial neural networks for just-suspension speed prediction in solid-liquid mixing systems: Performance comparison of MLPNN and RBFNN. <i>Advanced Engineering Informatics</i> , 2019, 39, 278-291.	8.0	21
30	Production of bio-hydrogen from dairy wastewater using pretreated landfill leachate sludge as an inoculum. <i>Journal of Bioscience and Bioengineering</i> , 2019, 127, 150-159.	2.2	31
31	Textile wastewater treatment efficiency by Fenton oxidation with integration of membrane separation system. <i>Chemical Engineering Communications</i> , 2019, 206, 541-557.	2.6	14
32	Novel self-assembled 3D flower-like magnesium hydroxide coated granular polyurethane: Implication of its potential application for the removal of heavy metals. <i>Journal of Cleaner Production</i> , 2019, 216, 495-503.	9.3	39
33	Fabrication of Seashell-Incorporated Polyurethane for Sustainable Remediation of Fe(II)-Contaminated Acidic Wastewater. <i>Journal of Polymers and the Environment</i> , 2019, 27, 309-317.	5.0	4
34	Evolutionary Prediction of Biohydrogen Production by Dark Fermentation. <i>Clean - Soil, Air, Water</i> , 2019, 47, 1700494.	1.1	14
35	New approach to mimic rheological actual shear rate under wall slip condition. <i>Engineering With Computers</i> , 2019, 35, 1409-1418.	6.1	12
36	Physical properties of ethylene glycol-based deep eutectic solvents. <i>Journal of Molecular Liquids</i> , 2019, 276, 794-800.	4.9	150

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37	Effects of process, operational and environmental variables on biohydrogen production using palm oil mill effluent (POME). <i>International Journal of Hydrogen Energy</i> , 2018, 43, 10637-10644.	7.1	43
38	Sonocatalytic activity of a heterostructured $\text{Bi}_2\text{O}_3/\text{Bi}_2\text{O}_2\text{CO}_3$ nanoplate in degradation of bisphenol A. <i>Ultrasonics Sonochemistry</i> , 2018, 44, 64-72.	8.2	33
39	Evaluating new bio-hydrogen producers: <i>Clostridium perfringens</i> strain JJC, <i>Clostridium bifermentans</i> strain WYM and <i>Clostridium</i> sp. strain Ade.TY. <i>Journal of Bioscience and Bioengineering</i> , 2018, 125, 590-598.	2.2	30
40	Effect of air flow rate and C/N ratio on biological nitrogen removal through the CANON process treating reject water. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 2891-2899.	2.2	6
41	Removal of lead and bisphenol A using magnesium silicate impregnated palm-shell waste powdered activated carbon: Comparative studies on single and binary pollutant adsorption. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 142-151.	6.0	37
42	Solid Suspension Characteristics in a Dished Base Tank for a Range of Geometric and Solids Properties. <i>Journal of Chemical Engineering of Japan</i> , 2018, 51, 152-158.	0.6	0
43	One Step Hydrothermal Synthesis of Magnesium Silicate Impregnated Palm Shell Waste Activated Carbon for Copper Ion Removal. <i>Metals</i> , 2018, 8, 741.	2.3	4
44	The state-of-the-art system dynamics application in integrated water resources modeling. <i>Journal of Environmental Management</i> , 2018, 227, 294-304.	7.8	97
45	Microalgae lipid and biomass for biofuel production: A comprehensive review on lipid enhancement strategies and their effects on fatty acid composition. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 97, 200-232.	16.4	298
46	Effect of carbon source on acclimatization of nitrifying bacteria to achieve high-rate partial nitrification of wastewater with high ammonium concentration. <i>Applied Water Science</i> , 2017, 7, 165-173.	5.6	13
47	Analysis and Optimization of Ultrasound-Assisted Alkaline Palm Oil Transesterification by RSM and ANN-GA. <i>Chemical Engineering Communications</i> , 2017, 204, 365-381.	2.6	13
48	Polyacrylamide-induced coagulation process removing suspended solids from palm oil mill effluent. <i>Separation Science and Technology</i> , 2017, 52, 520-527.	2.5	34
49	Hybrid nero-fuzzy methods for estimation of ultrasound and mechanically stirring Influences on biodiesel synthesis through transesterification. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017, 103, 62-76.	5.0	12
50	Enhanced Freshwater Production Using Finned-Plate Air Gap Membrane Distillation (AGMD). <i>MATEC Web of Conferences</i> , 2017, 103, 06014.	0.2	2
51	Effect of Various Curved-Blade Impeller Geometries on Drop Size in a Liquid-Liquid Stirred Vessel. <i>Chemical Engineering Communications</i> , 2017, 204, 884-896.	2.6	6
52	Titanium dioxide-based sonophotocatalytic mineralization of bisphenol A and its intermediates. <i>Environmental Science and Pollution Research</i> , 2017, 24, 15488-15499.	5.3	29
53	An anaerobic hybrid bioreactor of granular and immobilized biomass for anaerobic digestion (AD) and dark fermentation (DF) of palm oil mill effluent: Mass transfer evaluation in granular sludge and role of internal packing. <i>Biomass and Bioenergy</i> , 2017, 103, 1-10.	5.7	18
54	Influence of thermal and chemical pretreatment on structural stability of granular sludge for high-rate hydrogen production in an UASB bioreactor. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 20512-20519.	7.1	20

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55	Metal Organic Frameworks: A New Generation Coordination Polymers for Visible Light Photocatalysis. <i>ChemistrySelect</i> , 2017, 2, 6163-6177.	1.5	23
56	Ag ⁺ , Fe ³⁺ and Zn ²⁺ -intercalated cadmium(II)-metal-organic frameworks for enhanced daylight photocatalysis. <i>RSC Advances</i> , 2017, 7, 51272-51280.	3.6	24
57	Optimization of fermentative hydrogen production from palm oil mill effluent in an up-flow anaerobic sludge blanket fixed film bioreactor. <i>Sustainable Environment Research</i> , 2017, 27, 238-244.	4.2	30
58	Facile reconstruction of microbial fuel cell (MFC) anode with enhanced exoelectrogens selection for intensified electricity generation. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 1661-1671.	7.1	32
59	Development and application of coupled system dynamics and game theory: A dynamic water conflict resolution method. <i>PLoS ONE</i> , 2017, 12, e0188489.	2.5	20
60	Diethylene glycol based deep eutectic solvents and their physical properties. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2017, 62, 433-450.	0.2	10
61	A Study on Hydrodynamic Behavior of Fine Sediment in Retention Structure Using Particle Image Velocimetry. <i>Water Environment Research</i> , 2016, 88, 2309-2320.	2.7	5
62	Waste-grown phototrophic bacterium supports culture of the rotifer, <i>Brachionus rotundiformis</i> . <i>Aquaculture Research</i> , 2016, 47, 3029-3041.	1.8	10
63	Light Driven Nanomaterials for Removal of Agricultural Toxins. <i>Sustainable Agriculture Reviews</i> , 2016, , 225-242.	1.1	6
64	Enhanced arsenate removal by lanthanum and nano-magnetite composite incorporated palm shell waste-based activated carbon. <i>Separation and Purification Technology</i> , 2016, 169, 93-102.	7.9	59
65	Environmental application of nanotechnology: air, soil, and water. <i>Environmental Science and Pollution Research</i> , 2016, 23, 13754-13788.	5.3	265
66	Tracking the hydrodynamic behavior of fine sediment using particle image velocimetry. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	6
67	The effect of various designs of six-curved blade impellers on reaction rate analysis in liquid-liquid mixing vessel. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016, 91, 440-450.	5.0	8
68	Determination of the forecasting-model parameters by statistical analysis for development of algae warning system. <i>Desalination and Water Treatment</i> , 2016, 57, 26773-26782.	1.0	3
69	An efficient and economical treatment for batik textile wastewater containing high levels of silicate and organic pollutants using a sequential process of acidification, magnesium oxide, and palm shell-based activated carbon application. <i>Journal of Environmental Management</i> , 2016, 184, 229-239.	7.8	31
70	Design factors affecting the dynamic performance of soil suspension in an agitated, baffled tank. <i>Chinese Journal of Chemical Engineering</i> , 2016, 24, 1664-1673.	3.5	3
71	Mathematical analysis of the effects of operating conditions and rheological behaviour of reaction medium on biodiesel synthesis under ultrasound irradiation. <i>Fuel</i> , 2016, 184, 637-647.	6.4	10
72	Synthesis and characterization of proton exchange membrane employing waste polystyrene as precursor. <i>Natural Resources & Engineering</i> , 2016, 1, 35-42.	0.3	2

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73	Facile and economic one-pot synthesis of rigid functional-polyurethane for the effective treatment of heavy metal-contaminated urban storm water run-off. <i>Desalination and Water Treatment</i> , 2016, 57, 26114-26129.	1.0	9
74	Study of sparger location on solid suspension in a triple-impeller stirred vessel. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2016, 11, 229-236.	1.5	2
75	Optimized Stirred Reactor for Enhanced Particle Dispersion. <i>Chemical Engineering and Technology</i> , 2016, 39, 680-688.	1.5	11
76	Application of response surface methodology (RSM) for analyzing and modeling of nitrification process using sequencing batch reactors. <i>Desalination and Water Treatment</i> , 2016, 57, 5730-5739.	1.0	10
77	An investigation into the effects of particle texture, water content and parallel plates ³ diameters on rheological behavior of fine sediment. <i>International Journal of Sediment Research</i> , 2016, 31, 120-130.	3.5	5
78	Recyclable magnetite-loaded palm shell-waste based activated carbon for the effective removal of methylene blue from aqueous solution. <i>Journal of Cleaner Production</i> , 2016, 115, 337-342.	9.3	102
79	Effect of Impeller-To-Tank Geometry on Particles Distribution and Just-Suspension Speeds for a Range of Solids Loadings. <i>Journal of Chemical Engineering of Japan</i> , 2015, 48, 374-380.	0.6	4
80	Synthesis Mechanism and Thermal Optimization of an Economical Mesoporous Material Using Silica: Implications for the Effective Removal or Delivery of Ibuprofen. <i>PLoS ONE</i> , 2015, 10, e0130253.	2.5	6
81	Palladium nanoparticles anchored to anatase TiO ₂ for enhanced surface plasmon resonance-stimulated, visible-light-driven photocatalytic activity. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 428-437.	2.8	133
82	Manipulating Culture Conditions and Feed Quality to Increase the Survival of Larval Marble Goby <i>Oxyeleotris marmorata</i> . <i>North American Journal of Aquaculture</i> , 2015, 77, 149-159.	1.4	10
83	Influence of ultrasound power on acoustic streaming and micro-bubbles formations in a low frequency sono-reactor: Mathematical and 3D computational simulation. <i>Ultrasonics Sonochemistry</i> , 2015, 24, 193-203.	8.2	72
84	Influence of geometry and slurry properties on fine particles suspension at high loadings in a stirred vessel. <i>Chemical Engineering Research and Design</i> , 2015, 94, 324-336.	5.6	17
85	Nanocrystal TiO ₂ Engulfed SiO ₂ -Barium Hexaferrite for Enhanced Electrons Mobility and Solar Harvesting Potential. <i>Materials Science Forum</i> , 2015, 819, 226-231.	0.3	3
86	Liquid-liquid mass transfer studies in various stirred vessel designs. <i>Reviews in Chemical Engineering</i> , 2015, 31, .	4.4	8
87	A comparative fluid flow characterisation in a low frequency/high power sonoreactor and mechanical stirred vessel. <i>Ultrasonics Sonochemistry</i> , 2015, 27, 359-373.	8.2	29
88	Synergetic effect of conductive polymer poly(3,4-ethylenedioxythiophene) with different structural configuration of anode for microbial fuel cell application. <i>Bioresource Technology</i> , 2015, 189, 364-369.	9.6	68
89	Solid-liquid mixing analysis in stirred vessels. <i>Reviews in Chemical Engineering</i> , 2015, 31, .	4.4	6
90	Rapid thermal reduced graphene oxide/Pt@TiO ₂ nanotube arrays for enhanced visible-light-driven photocatalytic reduction of CO ₂ . <i>Applied Surface Science</i> , 2015, 358, 122-129.	6.1	119

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91	Reduced graphene oxide and Ag wrapped TiO ₂ photocatalyst for enhanced visible light photocatalysis. APL Materials, 2015, 3, .	5.1	62
92	Surface reconstruction of titania with g-C ₃ N ₄ and Ag for promoting efficient electrons migration and enhanced visible light photocatalysis. Applied Surface Science, 2015, 358, 370-376.	6.1	63
93	Mechanistic analysis of cavitation assisted transesterification on biodiesel characteristics. Ultrasonics Sonochemistry, 2015, 22, 463-473.	8.2	25
94	REDUCTION OF TOTAL SUSPENDED SOLIDS AND CHEMICAL OXYGEN DEMAND FROM PALM OIL MILL EFFLUENTS USING THE ELECTROCOAGULATION PROCESS. Environmental Engineering and Management Journal, 2015, 14, 2897-2903.	0.6	0
95	Synthesis, Features and Solar-Light-Driven Photocatalytic Activity of TiO ₂ Nanotube Arrays Loaded with SnO ₂ . Journal of Nanoscience and Nanotechnology, 2014, 14, 7001-7009.	0.9	5
96	Highly efficient magnetically separable TiO ₂ @graphene oxide supported SrFe ₁₂ O ₁₉ for direct sunlight-driven photoactivity. Chemical Engineering Journal, 2014, 235, 264-274.	12.7	34
97	Arsenite removal using a pilot system of ultrasound and ultraviolet followed by microfiltration. Ultrasonics Sonochemistry, 2014, 21, 1527-1534.	8.2	12
98	Solar photocatalytic activity of anatase TiO ₂ nanocrystals synthesized by non-hydrolytic sol-gel method. Solar Energy, 2014, 101, 321-332.	6.1	109
99	Effects of operational parameters on the treatment of nitrate-rich wastewater by autohydrogenotrophic denitrifying bacteria. Water and Environment Journal, 2014, 28, 556-565.	2.2	10
100	Synthesis of surface plasmon resonance (SPR) triggered Ag/TiO ₂ photocatalyst for degradation of endocrine disturbing compounds. Applied Surface Science, 2014, 319, 128-135.	6.1	149
101	Investigation of convection and diffusion during biodiesel production in packed membrane reactor using 3D simulation. Journal of Industrial and Engineering Chemistry, 2014, 20, 1493-1504.	5.8	17
102	High-rate fermentative hydrogen production from palm oil mill effluent in an up-flow anaerobic sludge blanket-fixed film reactor. Chemical Engineering Research and Design, 2014, 92, 1811-1817.	5.6	26
103	Graphene oxide and Ag engulfed TiO ₂ nanotube arrays for enhanced electron mobility and visible-light-driven photocatalytic performance. Journal of Materials Chemistry A, 2014, 2, 5315-5322.	10.3	158
104	Investigation, modelling and reviewing the effective parameters in microwave-assisted transesterification. Renewable and Sustainable Energy Reviews, 2014, 37, 762-777.	16.4	51
105	3D Simulation of fatty acid methyl ester production in a packed membrane reactor. Fuel Processing Technology, 2014, 118, 7-19.	7.2	11
106	Anaerobic co-digestion of food waste for biohydrogen production. , 2013, , .		1
107	Study of various curved-blade impeller geometries on power consumption in stirred vessel using response surface methodology. Journal of the Taiwan Institute of Chemical Engineers, 2013, 44, 192-201.	5.3	30
108	Adsorption isotherm, kinetic and thermodynamic studies of activated carbon prepared from <i>Garcinia mangostana</i> shell. Asia-Pacific Journal of Chemical Engineering, 2013, 8, 811-818.	1.5	17

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109	Surface chemistry and adsorption mechanism of cadmium ion on activated carbon derived from <i>Garcinia mangostana</i> shell. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 1904-1910.	2.7	14
110	Preparation, characterisation and solar photoactivity of titania supported strontium ferrite nanocomposite photocatalyst. <i>Journal of Experimental Nanoscience</i> , 2013, 8, 295-310.	2.4	19
111	LIQUID-LIQUID MIXING IN STIRRED VESSELS: A REVIEW. <i>Chemical Engineering Communications</i> , 2013, 200, 595-627.	2.6	52
112	Preparation of Improved p-n Junction NiO/TiO ₂ Nanotubes for Solar-Energy-Driven Light Photocatalysis. <i>International Journal of Photoenergy</i> , 2013, 2013, 1-10.	2.5	35
113	Triarylmethane Dye Decolorization by Pellets of <i>Pycnoporus sanguineus</i> : Statistical Optimization and Effects of Novel Impeller Geometry. <i>Bioremediation Journal</i> , 2013, 17, 305-315.	2.0	3
114	Review on Applicable breakup/coalescence models in turbulent liquid-liquid flows. <i>Reviews in Chemical Engineering</i> , 2013, 29, .	4.4	34
115	Intimate coupling of electro and biooxidation of tannery wastewater. <i>Desalination and Water Treatment</i> , 2013, 51, 6617-6623.	1.0	15
116	Zwietering's Equation for the Suspension of Porous Particles and the Use of Curved Blade Impellers. <i>International Journal of Chemical Engineering</i> , 2012, 2012, 1-13.	2.4	7
117	Advances in Mixing Technology: Recent Advances in Mixing Research and Development. <i>International Journal of Chemical Engineering</i> , 2012, 2012, 1-2.	2.4	4
118	Review on gas-liquid mixing analysis in multiscale stirred vessel using CFD. <i>Reviews in Chemical Engineering</i> , 2012, 28, .	4.4	24
119	Development of nitrate elimination by autohydrogenotrophic bacteria in bio-electrochemical reactors "A review". <i>Biochemical Engineering Journal</i> , 2012, 67, 251-264.	3.6	110
120	Kinetic modeling of batch photofermentation hydrogen gas production by <i>Rhodospseudomonas palustris</i> PBUM001. <i>Journal of Renewable and Sustainable Energy</i> , 2012, 4, 043105.	2.0	3
121	Effects of biomass, COD and bicarbonate concentrations on fermentative hydrogen production from POME by granulated sludge in a batch culture. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 17801-17808.	7.1	28
122	Sequential nitrification and denitrification in a novel palm shell granular activated carbon twin-chamber upflow bio-electrochemical reactor for treating ammonium-rich wastewater. <i>Bioresource Technology</i> , 2012, 125, 256-266.	9.6	29
123	Comparative study on the effect of various pretreatment methods on the enrichment of hydrogen producing bacteria in anaerobic granulated sludge from brewery wastewater. <i>Korean Journal of Chemical Engineering</i> , 2012, 29, 1347-1351.	2.7	18
124	Influences of Environmental and Operational Factors on Dark Fermentative Hydrogen Production: A Review. <i>Clean - Soil, Air, Water</i> , 2012, 40, 1297-1305.	1.1	20
125	Visible light improved, photocatalytic activity of magnetically separable titania nanocomposite. <i>Chemical Engineering Journal</i> , 2012, 183, 349-356.	12.7	34
126	Recovery of <i>Bacillus cereus</i> cyclodextrin glycosyltransferase and recycling of phase components in an aqueous two-phase system using thermo-separating polymer. <i>Separation and Purification Technology</i> , 2012, 89, 9-15.	7.9	45

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127	Enhanced magnetic separation and photocatalytic activity of nitrogen doped titania photocatalyst supported on strontium ferrite. <i>Journal of Hazardous Materials</i> , 2012, 199-200, 143-150.	12.4	48
128	Lipase-Catalyzed Synthesis of 6-O-D-Glucosyldecanoate in <i>Tert</i> -Butanol: Reaction Optimization and Effect of Mixing Power Input. <i>Biotechnology and Biotechnological Equipment</i> , 2011, 25, 2642-2651.	1.3	5
129	Dye Decolorization by Immobilized Laccase: Statistical Optimization and Effect of Impeller Geometry. <i>International Journal of Chemical Reactor Engineering</i> , 2011, 9, .	1.1	1
130	Primary recovery of lipase derived from <i>Burkholderia</i> sp. ST8 with aqueous micellar two-phase system. <i>Process Biochemistry</i> , 2011, 46, 1847-1852.	3.7	26
131	Effects of different pretreatment methods on anaerobic mixed microflora for hydrogen production and COD reduction from palm oil mill effluent. <i>Journal of Cleaner Production</i> , 2011, 19, 1654-1658.	9.3	81
132	ENZYME-MEDIATED PRODUCTION OF SUGARS FROM SAGO STARCH: STATISTICAL PROCESS OPTIMIZATION. <i>Chemical Engineering Communications</i> , 2011, 198, 1339-1353.	2.6	12
133	Membrane Bioreactor for the treatment of natural rubber wastewater. <i>International Journal of Environmental Engineering</i> , 2010, 2, 92.	0.1	13
134	Application of response surface methodology in optimization of cadmium adsorption by raw rice husk. , 2010, , .		1
135	Optimization of phototrophic hydrogen production by <i>Rhodospseudomonas palustris</i> PBUM001 via statistical experimental design. <i>International Journal of Hydrogen Energy</i> , 2009, 34, 7502-7512.	7.1	61
136	THE EFFECT OF VISCOSITY ON PARTICLE SUSPENSION IN AN AERATED STIRRED VESSEL WITH DIFFERENT IMPELLERS AND BASES. <i>Chemical Engineering Communications</i> , 2009, 197, 434-454.	2.6	25
137	A kinetic model for growth and biosynthesis of medium-chain-length poly-(3-hydroxyalkanoates) in <i>Pseudomonas putida</i> . <i>Brazilian Journal of Chemical Engineering</i> , 2008, 25, 217-228.	1.3	28
138	A survey of tap water quality in Kuala Lumpur. <i>Urban Water Journal</i> , 2007, 4, 29-41.	2.1	30
139	Production of Medium-Chain-Length Poly(3-hydroxyalkanoates) from Crude Fatty Acids Mixture by <i>Pseudomonas putida</i> . <i>Food and Bioproducts Processing</i> , 2007, 85, 104-119.	3.6	33
140	The effects of light intensity, inoculum size, and cell immobilisation on the treatment of sago effluent with <i>Rhodospseudomonas palustris</i> strain B1. <i>Biotechnology and Bioprocess Engineering</i> , 2006, 11, 377-381.	2.6	5
141	Suspension of Microcarriers for Cell Culture with Axial Flow Impellers. <i>Chemical Engineering Research and Design</i> , 2004, 82, 1082-1088.	5.6	52
142	Carbide sludge management in acetylene producing plants by using vacuum filtration. <i>Waste Management and Research</i> , 2002, 20, 536-540.	3.9	29
143	Comparing Impeller Performance for Solid-Suspension in the Transitional Flow Regime with Newtonian Fluids. <i>Chemical Engineering Research and Design</i> , 1999, 77, 721-727.	5.6	41
144	TRANSPORT PROPERTY DATA QUALIFICATION FOR VARYING FUNCTIONAL GROUPS. <i>Chemical Engineering Communications</i> , 1989, 79, 13-25.	2.6	1

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145	A twin chamber up-flow bio-electrochemical pumparound system for sequential nitrification and denitrification of reject water. <i>Desalination and Water Treatment</i> , 0, , 1-8.	1.0	1
146	Preparation and characterization of zeolite polymer composite proton exchange membrane. <i>Desalination and Water Treatment</i> , 0, , 1-9.	1.0	3
147	Bio-electrochemical treatment of wastewater with high ammonium concentration. , 0, 211, 99-104.		1
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