

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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docs citations

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times ranked

5959
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Environmental application of nanotechnology: air, soil, and water. <i>Environmental Science and Pollution Research</i> , 2016, 23, 13754-13788.	5.3	265
3	Graphene oxide and Ag engulfed TiO ₂ nanotube arrays for enhanced electron mobility and visible-light-driven photocatalytic performance. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5315-5322.	10.3	158
4	Physical properties of ethylene glycol-based deep eutectic solvents. <i>Journal of Molecular Liquids</i> , 2019, 276, 794-800.	4.9	150
5	Synthesis of surface plasmon resonance (SPR) triggered Ag/TiO ₂ photocatalyst for degradation of endocrine disturbing compounds. <i>Applied Surface Science</i> , 2014, 319, 128-135.	6.1	149
6	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
7	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
8	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
9	Solar photocatalytic activity of anatase TiO ₂ nanocrystals synthesized by non-hydrolytic sol-gel method. <i>Solar Energy</i> , 2014, 101, 321-332.	6.1	109
10	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
11	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
12	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
13	Valorisation of medical waste through pyrolysis for a cleaner environment: Progress and challenges. <i>Environmental Pollution</i> , 2021, 279, 116934.	7.5	77
14	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
15	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
16	Surface reconstruction of titania with g-C ₃ N ₄ and Ag for promoting efficient electrons migration and enhanced visible light photocatalysis. <i>Applied Surface Science</i> , 2015, 358, 370-376.	6.1	63
17	Reduced graphene oxide and Ag wrapped TiO ₂ photocatalyst for enhanced visible light photocatalysis. <i>APL Materials</i> , 2015, 3, .	5.1	62
18	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

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19	Fluoride removal by palm shell waste based powdered activated carbon vs. functionalized carbon with magnesium silicate: Implications for their application in water treatment. <i>Chemosphere</i> , 2020, 239, 124765.	8.2	61
20	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
21	Suspension of Microcarriers for Cell Culture with Axial Flow Impellers. <i>Chemical Engineering Research and Design</i> , 2004, 82, 1082-1088.	5.6	52
22	LIQUID-LIQUID MIXING IN STIRRED VESSELS: A REVIEW. <i>Chemical Engineering Communications</i> , 2013, 200, 595-627.	2.6	52
23	Investigation, modelling and reviewing the effective parameters in microwave-assisted transesterification. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 37, 762-777.	16.4	51
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	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
26	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
27	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
28	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
29	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
30	Functionalized magnetic mesoporous palm shell activated carbon for enhanced removal of azo dyes. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104081.	6.7	38
31	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
32	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
33	Visible light improved, photocatalytic activity of magnetically separable titania nanocomposite. <i>Chemical Engineering Journal</i> , 2012, 183, 349-356.	12.7	34
34	Review on Applicable breakup/coalescence models in turbulent liquid-liquid flows. <i>Reviews in Chemical Engineering</i> , 2013, 29, .	4.4	34
35	Highly efficient magnetically separable TiO ₂ “graphene oxide supported SrFe ₂ O ₉ for direct sunlight-driven photoactivity. <i>Chemical Engineering Journal</i> , 2014, 235, 264-274.	12.7	34
36	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

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37	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
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	Valorization of animal manure via pyrolysis for bioenergy: A review. <i>Journal of Cleaner Production</i> , 2022, 343, 130965.	9.3	33
40	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
41	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
42	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
43	A survey of tap water quality in Kuala Lumpur. <i>Urban Water Journal</i> , 2007, 4, 29-41.	2.1	30
44	Study of various curved-blade impeller geometries on power consumption in stirred vessel using response surface methodology. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2013, 44, 192-201.	5.3	30
45	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
46	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
47	Carbide sludge management in acetylene producing plants by using vacuum filtration. <i>Waste Management and Research</i> , 2002, 20, 536-540.	3.9	29
48	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
49	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
50	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
51	Performance evaluation of palm oil clinker sand as replacement for conventional sand in geopolymer mortar. <i>Construction and Building Materials</i> , 2020, 258, 120352.	7.2	29
52	Experimental design via NaOH activation process and statistical analysis for activated sugarcane bagasse hydrochar for removal of dye and antibiotic. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104829.	6.7	29
53	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
54	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

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55	Primary recovery of lipase derived from Burkholderia sp. ST8 with aqueous micellar two-phase system. <i>Process Biochemistry</i> , 2011, 46, 1847-1852.	3.7	26
56	High-rate fermentative hydrogen production from palm oil mill effluent in an up-flow anaerobic sludge blanket-fixed film reactor. <i>Chemical Engineering Research and Design</i> , 2014, 92, 1811-1817.	5.6	26
57	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
58	Mechanistic analysis of cavitation assisted transesterification on biodiesel characteristics. <i>Ultrasonics Sonochemistry</i> , 2015, 22, 463-473.	8.2	25
59	Review on gas-liquid mixing analysis in multiscale stirred vessel using CFD. <i>Reviews in Chemical Engineering</i> , 2012, 28, .	4.4	24
60	Ag ⁺ , Fe ³⁺ and Zn ²⁺ -intercalated cadmium(<i>ii</i>)-metal-organic frameworks for enhanced daylight photocatalysis. <i>RSC Advances</i> , 2017, 7, 51272-51280.	3.6	24
61	Metal Organic Frameworks: A New Generation Coordination Polymers for Visible Light Photocatalysis. <i>ChemistrySelect</i> , 2017, 2, 6163-6177.	1.5	23
62	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
63	Effects of temperature and dark fermentation effluent on biomethane production in a two-stage up-flow anaerobic sludge fixed-film (UASFF) bioreactor. <i>Fuel</i> , 2020, 263, 116729.	6.4	23
64	Solvothermal growth of the bimetal organic framework (NiFe-MOF) on sugarcane bagasse hydrochar for the removal of dye and antibiotic. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106367.	6.7	22
65	Pyrolysis of oil palm wastes for bioenergy in Malaysia: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 164, 112554.	16.4	22
66	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
67	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
68	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
69	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
70	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
71	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
72	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

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73	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
74	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
75	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
76	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. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 34059-34072.	7.1	18
77	Adsorption isotherm, kinetic and thermodynamic studies of activated carbon prepared from <i>Garcinia mangostana</i> shell. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2013, 8, 811-818.	1.5	17
78	Investigation of convection and diffusion during biodiesel production in packed membrane reactor using 3D simulation. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 1493-1504.	5.8	17
79	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
80	Cellulose supported promising magnetic sorbents for magnetic solid-phase extraction: A review. <i>Carbohydrate Polymers</i> , 2021, 253, 117245.	10.2	16
81	Intimate coupling of electro and biooxidation of tannery wastewater. <i>Desalination and Water Treatment</i> , 2013, 51, 6617-6623.	1.0	15
82	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
83	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
84	Evolutionary Prediction of Biohydrogen Production by Dark Fermentation. <i>Clean - Soil, Air, Water</i> , 2019, 47, 1700494.	1.1	14
85	ANFIS-based model for predicting actual shear rate associated with wall slip phenomenon. <i>Soft Computing</i> , 2020, 24, 9639-9649.	3.6	14
86	Membrane Bioreactor for the treatment of natural rubber wastewater. <i>International Journal of Environmental Engineering</i> , 2010, 2, 92.	0.1	13
87	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
88	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
89	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
90	Start-up study of biohydrogen production from palm oil mill effluent in a lab-scale up-flow anaerobic sludge blanket fixed-film reactor. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 10191-10204.	7.1	13

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91	ENZYME-MEDIATED PRODUCTION OF SUGARS FROM SAGO STARCH: STATISTICAL PROCESS OPTIMIZATION. <i>Chemical Engineering Communications</i> , 2011, 198, 1339-1353.	2.6	12
92	Arsenite removal using a pilot system of ultrasound and ultraviolet followed by microfiltration. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 1527-1534.	8.2	12
93	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
94	New approach to mimic rheological actual shear rate under wall slip condition. <i>Engineering With Computers</i> , 2019, 35, 1409-1418.	6.1	12
95	Macromixing study for various designs of impellers in a stirred vessel. <i>Chemical Engineering and Processing: Process Intensification</i> , 2020, 148, 107794.	3.6	12
96	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
97	Effect of operational variables on biological hydrogen production from palm oil mill effluent by dark fermentation using response surface methodology. , 0, 137, 101-113.		12
98	3D Simulation of fatty acid methyl ester production in a packed membrane reactor. <i>Fuel Processing Technology</i> , 2014, 118, 7-19.	7.2	11
99	Optimized Stirred Reactor for Enhanced Particle Dispersion. <i>Chemical Engineering and Technology</i> , 2016, 39, 680-688.	1.5	11
100	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
101	Effects of operational parameters on the treatment of nitrate-rich wastewater by autohydrogenotrophic denitrifying bacteria. <i>Water and Environment Journal</i> , 2014, 28, 556-565.	2.2	10
102	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
103	Waste-grown phototrophic bacterium supports culture of the rotifer, <i>Brachionus rotundiformis</i> . <i>Aquaculture Research</i> , 2016, 47, 3029-3041.	1.8	10
104	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
105	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
106	Integrated System Technology of POME Treatment for Biohydrogen and Biomethane Production in Malaysia. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 951.	2.5	10
107	Diethylene glycol based deep eutectic solvents and their physical properties. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2017, 62, 433-450.	0.2	10
108	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

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109	Liquid-liquid mass transfer studies in various stirred vessel designs. <i>Reviews in Chemical Engineering</i> , 2015, 31, .	4.4	8
110	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
111	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
112	Enunciation of size effect of sustainable palm oil clinker sand on the characteristics of cement and geopolymer mortars. <i>Journal of Building Engineering</i> , 2021, 44, 103335.	3.4	8
113	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
114	Volume based design approach for sustainable palm oil clinker as whole replacement for conventional sand in mortar. <i>Journal of Building Engineering</i> , 2020, 32, 101660.	3.4	7
115	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
116	Solid-liquid mixing analysis in stirred vessels. <i>Reviews in Chemical Engineering</i> , 2015, 31, .	4.4	6
117	Light Driven Nanomaterials for Removal of Agricultural Toxins. <i>Sustainable Agriculture Reviews</i> , 2016, , 225-242.	1.1	6
118	Tracking the hydrodynamic behavior of fine sediment using particle image velocimetry. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	6
119	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
120	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
121	Nonisocyanate Poly(Hydroxyl Urethane)-Based Green Polymer Hybrid Coating Systems: Tailoring of Biomacromolecular Compound Architecture Using APTMS-ZnO/TEMPO-Oxidized Cellulose Nanoparticles. <i>ACS Omega</i> , 2020, 5, 10315-10326.	3.5	6
122	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
123	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
124	Synthesis, Features and Solar-Light-Driven Photocatalytic Activity of TiO ₂ Nanotube Arrays Loaded with SnO ₂ . <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 7001-7009.	0.9	5
125	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
126	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

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127	Adsorption of 2,4-dichlorophenol from water using deep eutectic solvents-functionalized carbon nanotubes. , 0, 116, 214-231.		5
128	Advances in Mixing Technology: Recent Advances in Mixing Research and Development. International Journal of Chemical Engineering, 2012, 2012, 1-2.	2.4	4
129	Effect of Impeller-To-Tank Geometry on Particles Distribution and Just-Suspension Speeds for a Range of Solids Loadings. Journal of Chemical Engineering of Japan, 2015, 48, 374-380.	0.6	4
130	One Step Hydrothermal Synthesis of Magnesium Silicate Impregnated Palm Shell Waste Activated Carbon for Copper Ion Removal. Metals, 2018, 8, 741.	2.3	4
131	Fabrication of Seashell-Incorporated Polyurethane for Sustainable Remediation of Fe(II)-Contaminated Acidic Wastewater. Journal of Polymers and the Environment, 2019, 27, 309-317.	5.0	4
132	Kinetic modeling of batch photofermentation hydrogen gas production by Rhodospseudomonas palustris PBUM001. Journal of Renewable and Sustainable Energy, 2012, 4, 043105.	2.0	3
133	Triarylmethane Dye Decolorization by Pellets of <i>Pycnoporus sanguineus</i> : Statistical Optimization and Effects of Novel Impeller Geometry. Bioremediation Journal, 2013, 17, 305-315.	2.0	3
134	Nanocrystal TiO ₂ Engulfed SiO ₂ -Barium Hexaferrite for Enhanced Electrons Mobility and Solar Harvesting Potential. Materials Science Forum, 2015, 819, 226-231.	0.3	3
135	Preparation and characterization of zeolite polymer composite proton exchange membrane. Desalination and Water Treatment, 0, , 1-9.	1.0	3
136	Determination of the forecasting-model parameters by statistical analysis for development of algae warning system. Desalination and Water Treatment, 2016, 57, 26773-26782.	1.0	3
137	Design factors affecting the dynamic performance of soil suspension in an agitated, baffled tank. Chinese Journal of Chemical Engineering, 2016, 24, 1664-1673.	3.5	3
138	Synthesis and characterization of proton exchange membrane employing waste polystyrene as precursor. Natural Resources & Engineering, 2016, 1, 35-42.	0.3	2
139	Study of sparger location on solid suspension in a triple-impeller stirred vessel. Asia-Pacific Journal of Chemical Engineering, 2016, 11, 229-236.	1.5	2
140	Enhanced Freshwater Production Using Finned-Plate Air Gap Membrane Distillation (AGMD). MATEC Web of Conferences, 2017, 103, 06014.	0.2	2
141	TRANSPORT PROPERTY DATA QUALIFICATION FOR VARYING FUNCTIONAL GROUPS. Chemical Engineering Communications, 1989, 79, 13-25.	2.6	1
142	Application of response surface methodology in optimization of cadmium adsorption by raw rice husk. , 2010, , .		1
143	Dye Decolorization by Immobilized Laccase: Statistical Optimization and Effect of Impeller Geometry. International Journal of Chemical Reactor Engineering, 2011, 9, .	1.1	1
144	Anaerobic co-digestion of food waste for biohydrogen production. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
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
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