Zaharah Ibrahim

List of Publications by Year
in descending order

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46 papers	1,352 citations	331670 21 h-index	345221 36 g-index
46 all docs	46 docs citations	46 times ranked	1981 citing authors

#	Article	IF	Citations
1	Synthesis of Uniform Polyaniline Nanofibers through Interfacial Polymerization. Materials, 2012, 5, 1487-1494.	2.9	148
2	Development of granular sludge for textile wastewater treatment. Water Research, 2010, 44, 4341-4350.	11.3	120
3	Bioelectricity generation in microbial fuel cell using natural microflora and isolated pure culture bacteria from anaerobic palm oil mill effluent sludge. Bioresource Technology, 2015, 190, 458-465.	9.6	91
4	The effect of hydraulic retention time on granular sludge biomass in treating textile wastewater. Water Research, 2011, 45, 4711-4721.	11.3	85
5	Photosynthetic bacteria: an eco-friendly and cheap tool for bioremediation. Reviews in Environmental Science and Biotechnology, 2015, 14, 271-285.	8.1	84
6	Biodegradation of 4-aminobenzenesulfonate by Ralstonia sp. PBA and Hydrogenophaga sp. PBC isolated from textile wastewater treatment plant. Chemosphere, 2011, 82, 507-513.	8.2	67
7	Application of zeolite-activated carbon macrocomposite for the adsorption of Acid Orange 7: isotherm, kinetic and thermodynamic studies. Environmental Science and Pollution Research, 2013, 20, 7243-7255.	5.3	60
8	Amine-functionalized, silver-exchanged zeolite NaY: Preparation, characterization and antibacterial activity. Applied Surface Science, 2016, 360, 121-130.	6.1	55
9	Microbially influenced corrosion of steels by Pseudomonas aeruginosa. Corrosion Reviews, 2014, 32, 129-141.	2.0	45
10	Optimization of decolorization of palm oil mill effluent (POME) by growing cultures of Aspergillus fumigatus using response surface methodology. Environmental Science and Pollution Research, 2013, 20, 2912-2923.	5.3	40
11	Biodecolorization of recalcitrant dye as the sole sourceof nutrition using Curvularia clavata NZ2 and decolorization ability of its crude enzymes. Environmental Science and Pollution Research, 2015, 22, 11669-11678.	5.3	38
12	Biosorption and biodegradation of Acid Orange 7 by Enterococcus faecalis strain ZL: optimization by response surface methodological approach. Environmental Science and Pollution Research, 2013, 20, 5056-5066.	5.3	37
13	Treatment of landfill leachate using ASBR combined with zeolite adsorption technology. 3 Biotech, 2016, 6, 195.	2.2	37
14	Analyses of surface area, porosity, silver release and antibacterial activity of amine-functionalized, silver-exchanged zeolite NaY. Vacuum, 2017, 143, 344-347.	3.5	33
15	Transdermal Delivery of Crocin Using Bacterial Nanocellulose Membrane. Fibers and Polymers, 2019, 20, 2025-2031.	2.1	32
16	Biosorption of As (III) by Non-living Biomass of an Arsenic-Hypertolerant Bacillus cereus Strain SZ2 Isolated from a Gold Mining Environment: Equilibrium and Kinetic Study. Applied Biochemistry and Biotechnology, 2013, 171, 2247-2261.	2.9	31
17	Identification of genes involved in the 4-aminobenzenesulfonate degradation pathway of Hydrogenophagaâ€ƒsp. PBC via transposon mutagenesis. FEMS Microbiology Letters, 2011, 318, 108-114.	1.8	30
18	Bioaccumulation of silver and the isolation of metal-binding protein from P.diminuta. Brazilian Archives of Biology and Technology, 2001, 44, 223-225.	0.5	29

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19	Decolorization of palm oil mill effluent using growing cultures of Curvularia clavata. Environmental Science and Pollution Research, 2014, 21, 4397-4408.	5.3	29
20	Correlation between microbial community structure and performances of membrane bioreactor for treatment of palm oil mill effluent. Chemical Engineering Journal, 2017, 308, 656-663.	12.7	28
21	Isolation of Potential Bacteria as Inoculum for Biofloc Formation in Pacific Whiteleg Shrimp, Litopenaeus vannamei Culture Ponds. Pakistan Journal of Biological Sciences, 2017, 20, 306-313.	0.5	24
22	Arsenic biosorption using pretreated biomass of psychrotolerant Yersinia sp. strain SOM-12D3 isolated from Svalbard, Arctic. Environmental Science and Pollution Research, 2018, 25, 27959-27970.	5.3	23
23	Evaluation of macrocomposite based sequencing batch biofilm reactor (MC-SBBR) for decolorization and biodegradation of azo dye Acid Orange 7. International Biodeterioration and Biodegradation, 2014, 87, 9-17.	3.9	20
24	Characterisation of microbial flocs formed from raw textile wastewater in aerobic biofilm reactor (ABR). Water Science and Technology, 2009, 60, 683-688.	2.5	18
25	Development of bio-granules using selected mixed culture of decolorizing bacteria for the treatment of textile wastewater. Desalination and Water Treatment, 2015, 54, 132-139.	1.0	18
26	Utilization of Agro-Industrial Residues from Palm Oil Industry for Production of Lignocellulolytic Enzymes by Curvularia clavata. Waste and Biomass Valorization, 2015, 6, 385-390.	3.4	16
27	Isolation and characterisation of locally isolated Gluconacetobacter xylinus BCZM sp. with nanocellulose producing potentials. IET Nanobiotechnology, 2018, 12, 52-56.	3.8	15
28	Robertkochia solimangrovi sp. nov., isolated from mangrove soil, and emended description of the genus Robertkochia. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 1769-1776.	1.7	13
29	Decolourisation of Acid Orange 7 recalcitrant auto-oxidation coloured by-products using an acclimatised mixed bacterial culture. Environmental Science and Pollution Research, 2014, 21, 3891-3906.	5.3	11
30	Aggregation and surface hydrophobicity of selected microorganism due to the effect of substrate, pH and temperature. International Biodeterioration and Biodegradation, 2014, 93, 202-209.	3.9	10
31	Bioremediation of high-strength agricultural wastewater using Ochrobactrum sp. strain SZ1. 3 Biotech, 2016, 6, 143.	2.2	10
32	Synthesis and characterization of high-quality polyaniline nanofibres. High Performance Polymers, 2013, 25, 236-242.	1.8	8
33	Characterization of aluminum resistantAnoxybacillussp. SK 3-4 isolated from a hot spring. Journal of Basic Microbiology, 2015, 55, 514-519.	3.3	7
34	Global transcriptomic response ofAnoxybacillussp. SK 3-4 to aluminum exposure. Journal of Basic Microbiology, 2017, 57, 151-161.	3.3	7
35	Textile Wastewater Treatment Using Biogranules Under Intermittent Anaerobic/Aerobic Reaction Phase. Journal of Water and Environment Technology, 2012, 10, 303-315.	0.7	6
36	Antibacterial Activity of Amine-Functionalized Zeolite NaY against <i>Staphylococcus aureus</i> ATCC6538 and <i>Escherichia coli</i> ATCC11229. Applied Mechanics and Materials, 0, 761, 402-406.	0.2	5

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37	Physicochemical, Morphological, and Microstructural Characterisation of Bacterial Nanocellulose from Gluconacetobacter xylinus BCZM. Journal of Natural Fibers, 2022, 19, 4368-4379.	3.1	5
38	Optimisation of biostructure for the adsorption of petrochemical wastewater using statistical approach. Clean Technologies and Environmental Policy, 2015, 17, 249-256.	4.1	4
39	Draft Genome Sequence of Arsenic-Resistant Microbacterium sp. Strain SZ1 Isolated from Arsenic-Bearing Gold Ores. Genome Announcements, 2017, 5, .	0.8	4
40	Biohydrogen Production by Antarctic Psychrotolerant Klebsiella sp. ABZ11. Polish Journal of Microbiology, 2018, 67, 283-290.	1.7	4
41	Biofilm-coated macrocomposites for the treatment of high strength agricultural wastewater. Desalination and Water Treatment, 2016, 57, 3424-3429.	1.0	3
42	DEVELOPMENT OF BIOGRANULES IN A PILOT-SCALE SEQUENTIAL BATCH REACTOR TREATING ACTUAL TEXTILE WASTEWATER. Jurnal Teknologi (Sciences and Engineering), 2017, 79, .	0.4	2
43	COD and color removal from textile effluent using granular sludge biomass: effect of substrate and riboflavin. Desalination and Water Treatment, 2014, 52, 7366-7376.	1.0	0
44	MICROCLEAR: GREEN TECHNOLOGY FOR TREATING AND RECYCLING OF COLOURED WASTEWATER. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.4	0
45	Bioparticle Development in Constructed Wetland for Domestic Wastewater. , 2017, , 155-176.		0
46	Revealing the Potential of Xylanase from a New Halophilic Microbulbifer sp. CL37 with Paper De-Inking Ability. Arabian Journal for Science and Engineering, 0, , 1.	3.0	0