

# Zaharah Ibrahim

## List of Publications by Year in descending order

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46  
papers

1,352  
citations

331670

21  
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345221

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46  
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46  
docs citations

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times ranked

1981  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physicochemical, Morphological, and Microstructural Characterisation of Bacterial Nanocellulose from <i>Gluconacetobacter xylinus</i> BCZM. <i>Journal of Natural Fibers</i> , 2022, 19, 4368-4379.	3.1	5
2	<i>Robertkochia solimangrovi</i> sp. nov., isolated from mangrove soil, and emended description of the genus <i>Robertkochia</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 1769-1776.	1.7	13
3	Transdermal Delivery of Crocin Using Bacterial Nanocellulose Membrane. <i>Fibers and Polymers</i> , 2019, 20, 2025-2031.	2.1	32
4	Isolation and characterisation of locally isolated <i>Gluconacetobacter xylinus</i> BCZM sp. with nanocellulose producing potentials. <i>IET Nanobiotechnology</i> , 2018, 12, 52-56.	3.8	15
5	Arsenic biosorption using pretreated biomass of psychrotolerant <i>Yersinia</i> sp. strain SOM-12D3 isolated from Svalbard, Arctic. <i>Environmental Science and Pollution Research</i> , 2018, 25, 27959-27970.	5.3	23
6	Biohydrogen Production by Antarctic Psychrotolerant <i>Klebsiella</i> sp. ABZ11. <i>Polish Journal of Microbiology</i> , 2018, 67, 283-290.	1.7	4
7	Draft Genome Sequence of Arsenic-Resistant Microbacterium sp. Strain SZ1 Isolated from Arsenic-Bearing Gold Ores. <i>Genome Announcements</i> , 2017, 5, .	0.8	4
8	Analyses of surface area, porosity, silver release and antibacterial activity of amine-functionalized, silver-exchanged zeolite NaY. <i>Vacuum</i> , 2017, 143, 344-347.	3.5	33
9	Correlation between microbial community structure and performances of membrane bioreactor for treatment of palm oil mill effluent. <i>Chemical Engineering Journal</i> , 2017, 308, 656-663.	12.7	28
10	Global transcriptomic response of <i>Anoxybacillus</i> sp. SK 3-4 to aluminum exposure. <i>Journal of Basic Microbiology</i> , 2017, 57, 151-161.	3.3	7
11	DEVELOPMENT OF BIOGRANULES IN A PILOT-SCALE SEQUENTIAL BATCH REACTOR TREATING ACTUAL TEXTILE WASTEWATER. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2017, 79, .	0.4	2
12	Isolation of Potential Bacteria as Inoculum for Biofloc Formation in Pacific Whiteleg Shrimp, <i>Litopenaeus vannamei</i> Culture Ponds. <i>Pakistan Journal of Biological Sciences</i> , 2017, 20, 306-313.	0.5	24
13	Bioparticle Development in Constructed Wetland for Domestic Wastewater. , 2017, , 155-176.		0
14	Treatment of landfill leachate using ASBR combined with zeolite adsorption technology. <i>3 Biotech</i> , 2016, 6, 195.	2.2	37
15	Bioremediation of high-strength agricultural wastewater using <i>Ochrobactrum</i> sp. strain SZ1. <i>3 Biotech</i> , 2016, 6, 143.	2.2	10
16	Biofilm-coated macrocomposites for the treatment of high strength agricultural wastewater. <i>Desalination and Water Treatment</i> , 2016, 57, 3424-3429.	1.0	3
17	Amine-functionalized, silver-exchanged zeolite NaY: Preparation, characterization and antibacterial activity. <i>Applied Surface Science</i> , 2016, 360, 121-130.	6.1	55
18	MICROCLEAR: GREEN TECHNOLOGY FOR TREATING AND RECYCLING OF COLOURED WASTEWATER. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 77, .	0.4	0

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19	Characterization of aluminum resistant <i>Anoxybacillus</i> sp. SK 3-4 isolated from a hot spring. <i>Journal of Basic Microbiology</i> , 2015, 55, 514-519.	3.3	7
20	Biodecolorization of recalcitrant dye as the sole source of nutrition using <i>Curvularia clavata</i> NZ2 and decolorization ability of its crude enzymes. <i>Environmental Science and Pollution Research</i> , 2015, 22, 11669-11678.	5.3	38
21	Utilization of Agro-Industrial Residues from Palm Oil Industry for Production of Lignocellulolytic Enzymes by <i>Curvularia clavata</i> . <i>Waste and Biomass Valorization</i> , 2015, 6, 385-390.	3.4	16
22	Bioelectricity generation in microbial fuel cell using natural microflora and isolated pure culture bacteria from anaerobic palm oil mill effluent sludge. <i>Bioresource Technology</i> , 2015, 190, 458-465.	9.6	91
23	Photosynthetic bacteria: an eco-friendly and cheap tool for bioremediation. <i>Reviews in Environmental Science and Biotechnology</i> , 2015, 14, 271-285.	8.1	84
24	Development of bio-granules using selected mixed culture of decolorizing bacteria for the treatment of textile wastewater. <i>Desalination and Water Treatment</i> , 2015, 54, 132-139.	1.0	18
25	Optimisation of biostructure for the adsorption of petrochemical wastewater using statistical approach. <i>Clean Technologies and Environmental Policy</i> , 2015, 17, 249-256.	4.1	4
26	COD and color removal from textile effluent using granular sludge biomass: effect of substrate and riboflavin. <i>Desalination and Water Treatment</i> , 2014, 52, 7366-7376.	1.0	0
27	Microbially influenced corrosion of steels by <i>Pseudomonas aeruginosa</i> . <i>Corrosion Reviews</i> , 2014, 32, 129-141.	2.0	45
28	Decolorization of palm oil mill effluent using growing cultures of <i>Curvularia clavata</i> . <i>Environmental Science and Pollution Research</i> , 2014, 21, 4397-4408.	5.3	29
29	Evaluation of macrocomposite based sequencing batch biofilm reactor (MC-SBBR) for decolorization and biodegradation of azo dye Acid Orange 7. <i>International Biodeterioration and Biodegradation</i> , 2014, 87, 9-17.	3.9	20
30	Decolourisation of Acid Orange 7 recalcitrant auto-oxidation coloured by-products using an acclimatised mixed bacterial culture. <i>Environmental Science and Pollution Research</i> , 2014, 21, 3891-3906.	5.3	11
31	Aggregation and surface hydrophobicity of selected microorganism due to the effect of substrate, pH and temperature. <i>International Biodeterioration and Biodegradation</i> , 2014, 93, 202-209.	3.9	10
32	Application of zeolite-activated carbon macrocomposite for the adsorption of Acid Orange 7: isotherm, kinetic and thermodynamic studies. <i>Environmental Science and Pollution Research</i> , 2013, 20, 7243-7255.	5.3	60
33	Biosorption of As (III) by Non-living Biomass of an Arsenic-Hypertolerant <i>Bacillus cereus</i> Strain SZ2 Isolated from a Gold Mining Environment: Equilibrium and Kinetic Study. <i>Applied Biochemistry and Biotechnology</i> , 2013, 171, 2247-2261.	2.9	31
34	Synthesis and characterization of high-quality polyaniline nanofibres. <i>High Performance Polymers</i> , 2013, 25, 236-242.	1.8	8
35	Optimization of decolorization of palm oil mill effluent (POME) by growing cultures of <i>Aspergillus fumigatus</i> using response surface methodology. <i>Environmental Science and Pollution Research</i> , 2013, 20, 2912-2923.	5.3	40
36	Biosorption and biodegradation of Acid Orange 7 by <i>Enterococcus faecalis</i> strain ZL: optimization by response surface methodological approach. <i>Environmental Science and Pollution Research</i> , 2013, 20, 5056-5066.	5.3	37

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37	Synthesis of Uniform Polyaniline Nanofibers through Interfacial Polymerization. <i>Materials</i> , 2012, 5, 1487-1494.	2.9	148
38	Textile Wastewater Treatment Using Biogranules Under Intermittent Anaerobic/Aerobic Reaction Phase. <i>Journal of Water and Environment Technology</i> , 2012, 10, 303-315.	0.7	6
39	The effect of hydraulic retention time on granular sludge biomass in treating textile wastewater. <i>Water Research</i> , 2011, 45, 4711-4721.	11.3	85
40	Identification of genes involved in the 4-aminobenzenesulfonate degradation pathway of <i>Hydrogenophaga</i> sp. PBC via transposon mutagenesis. <i>FEMS Microbiology Letters</i> , 2011, 318, 108-114.	1.8	30
41	Biodegradation of 4-aminobenzenesulfonate by <i>Ralstonia</i> sp. PBA and <i>Hydrogenophaga</i> sp. PBC isolated from textile wastewater treatment plant. <i>Chemosphere</i> , 2011, 82, 507-513.	8.2	67
42	Development of granular sludge for textile wastewater treatment. <i>Water Research</i> , 2010, 44, 4341-4350.	11.3	120
43	Characterisation of microbial flocs formed from raw textile wastewater in aerobic biofilm reactor (ABR). <i>Water Science and Technology</i> , 2009, 60, 683-688.	2.5	18
44	Bioaccumulation of silver and the isolation of metal-binding protein from <i>P. diminuta</i> . <i>Brazilian Archives of Biology and Technology</i> , 2001, 44, 223-225.	0.5	29
45	Antibacterial Activity of Amine-Functionalized Zeolite NaY against <i>Staphylococcus aureus</i> ATCC6538 and <i>Escherichia coli</i> ATCC11229. <i>Applied Mechanics and Materials</i> , 0, 761, 402-406.	0.2	5
46	Revealing the Potential of Xylanase from a New Halophilic Microbulbifer sp. CL37 with Paper De-Inking Ability. <i>Arabian Journal for Science and Engineering</i> , 0, , 1.	3.0	0