

# Zaharah Ibrahim

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,352  
citations

331538

21  
h-index

345118

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. <i>Materials</i> , 2012, 5, 1487-1494.  | 1.3 | 148       |
| 2  | Development of granular sludge for textile wastewater treatment. <i>Water Research</i> , 2010, 44, 4341-4350.   | 5.3 | 120       |
| 3  | 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.  | 4.8 | 91        |
| 4  | The effect of hydraulic retention time on granular sludge biomass in treating textile wastewater. <i>Water Research</i> , 2011, 45, 4711-4721.  | 5.3 | 85        |
| 5  | Photosynthetic bacteria: an eco-friendly and cheap tool for bioremediation. <i>Reviews in Environmental Science and Biotechnology</i> , 2015, 14, 271-285.  | 3.9 | 84        |
| 6  | 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.   | 4.2 | 67        |
| 7  | 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.                                       | 2.7 | 60        |
| 8  | Amine-functionalized, silver-exchanged zeolite NaY: Preparation, characterization and antibacterial activity. <i>Applied Surface Science</i> , 2016, 360, 121-130.  | 3.1 | 55        |
| 9  | Microbially influenced corrosion of steels by <i>Pseudomonas aeruginosa</i> . <i>Corrosion Reviews</i> , 2014, 32, 129-141.   | 1.0 | 45        |
| 10 | 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.                        | 2.7 | 40        |
| 11 | 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.                   | 2.7 | 38        |
| 12 | 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.                           | 2.7 | 37        |
| 13 | Treatment of landfill leachate using ASBR combined with zeolite adsorption technology. <i>3 Biotech</i> , 2016, 6, 195.   | 1.1 | 37        |
| 14 | Analyses of surface area, porosity, silver release and antibacterial activity of amine-functionalized, silver-exchanged zeolite NaY. <i>Vacuum</i> , 2017, 143, 344-347.  | 1.6 | 33        |
| 15 | Transdermal Delivery of Crocin Using Bacterial Nanocellulose Membrane. <i>Fibers and Polymers</i> , 2019, 20, 2025-2031.  | 1.1 | 32        |
| 16 | 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. | 1.4 | 31        |
| 17 | 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.   | 0.7 | 30        |
| 18 | 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        |

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|----|--|-----|-----------|
| 19 | 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.  | 2.7 | 29        |
| 20 | 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.                                       | 6.6 | 28        |
| 21 | 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.                       | 0.2 | 24        |
| 22 | 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.                   | 2.7 | 23        |
| 23 | 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.           | 1.9 | 20        |
| 24 | Characterisation of microbial flocs formed from raw textile wastewater in aerobic biofilm reactor (ABR). <i>Water Science and Technology</i> , 2009, 60, 683-688.  | 1.2 | 18        |
| 25 | 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        |
| 26 | 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.                                | 1.8 | 16        |
| 27 | Isolation and characterisation of locally isolated <i>Gluconacetobacter xylinus</i> BCZM sp. with nanocellulose producing potentials. <i>IET Nanobiotechnology</i> , 2018, 12, 52-56.  | 1.9 | 15        |
| 28 | <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. | 0.8 | 13        |
| 29 | 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.                        | 2.7 | 11        |
| 30 | 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.                                 | 1.9 | 10        |
| 31 | Bioremediation of high-strength agricultural wastewater using <i>Ochrobactrum</i> sp. strain SZ1. <i>3 Biotech</i> , 2016, 6, 143.   | 1.1 | 10        |
| 32 | Synthesis and characterization of high-quality polyaniline nanofibres. <i>High Performance Polymers</i> , 2013, 25, 236-242.   | 0.8 | 8         |
| 33 | 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.   | 1.8 | 7         |
| 34 | Global transcriptomic response of <i>Anoxybacillus</i> sp. SK 3-4 to aluminum exposure. <i>Journal of Basic Microbiology</i> , 2017, 57, 151-161.  | 1.8 | 7         |
| 35 | Textile Wastewater Treatment Using Biogranules Under Intermittent Anaerobic/Aerobic Reaction Phase. <i>Journal of Water and Environment Technology</i> , 2012, 10, 303-315.  | 0.3 | 6         |
| 36 | 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         |

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|----|---|-----|-----------|
| 37 | Physicochemical, Morphological, and Microstructural Characterisation of Bacterial Nanocellulose from <i>Gluconacetobacter xylinus</i> BCZM. <i>Journal of Natural Fibers</i> , 2022, 19, 4368-4379. | 1.7 | 5         |
| 38 | Optimisation of biostructure for the adsorption of petrochemical wastewater using statistical approach. <i>Clean Technologies and Environmental Policy</i> , 2015, 17, 249-256.                     | 2.1 | 4         |
| 39 | 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         |
| 40 | Biohydrogen Production by Antarctic Psychrotolerant <i>Klebsiella</i> sp. ABZ11. <i>Polish Journal of Microbiology</i> , 2018, 67, 283-290.   | 0.6 | 4         |
| 41 | Biofilm-coated macrocomposites for the treatment of high strength agricultural wastewater. <i>Desalination and Water Treatment</i> , 2016, 57, 3424-3429.   | 1.0 | 3         |
| 42 | DEVELOPMENT OF BIOGRANULES IN A PILOT-SCALE SEQUENTIAL BATCH REACTOR TREATING ACTUAL TEXTILE WASTEWATER. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2017, 79, .                           | 0.3 | 2         |
| 43 | 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         |
| 44 | MICROCLEAR: GREEN TECHNOLOGY FOR TREATING AND RECYCLING OF COLOURED WASTEWATER. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 77, .  | 0.3 | 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. <i>Arabian Journal for Science and Engineering</i> , 0, , 1.                         | 1.7 | 0         |