

Mohammad Ibrahim Ahmad Ibrahim

List of Publications by Citations

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56

papers

882

citations

16

h-index

28

g-index

66

ext. papers

1,092

ext. citations

4.6

avg, IF

4.81

L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 56 | Sorption of lanthanum and erbium from aqueous solution by activated carbon prepared from rice husk. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010 , 81, 593-9 | 6 | 101 |
| 55 | Treatment of aqueous wastes contaminated with Congo Red dye by electrochemical oxidation and ozonation processes. <i>Journal of Hazardous Materials</i> , 2009 , 168, 1163-9 | 12.8 | 89 |
| 54 | Graphene a promising electrode material for supercapacitors: A review. <i>International Journal of Energy Research</i> , 2018 , 42, 4284-4300 | 4.5 | 79 |
| 53 | Anodic Dissolution of Pure Aluminum during Electrocoagulation Process: Influence of Supporting Electrolyte, Initial pH, and Current Density. <i>Industrial & Engineering Chemistry Research</i> , 2011 , 50, 13362-13372 | 3.9 | 65 |
| 52 | The electrolytic treatment of synthetic urine using DSA electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2015 , 744, 62-68 | 4.1 | 40 |
| 51 | Treatment of synthetic urine by electrochemical oxidation using conductive-diamond anodes. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 6176-84 | 5.1 | 37 |
| 50 | Efficient degradation of chloroquine drug by electro-Fenton oxidation: Effects of operating conditions and degradation mechanism. <i>Chemosphere</i> , 2020 , 260, 127558 | 8.4 | 37 |
| 49 | Degradation of hydroxychloroquine by electrochemical advanced oxidation processes. <i>Chemical Engineering Journal</i> , 2020 , 402, 126279 | 14.7 | 34 |
| 48 | Electrochemical Oxidation/Disinfection of Urine Wastewaters with Different Anode Materials. <i>Materials</i> , 2019 , 12, | 3.5 | 32 |
| 47 | Kinetic and mechanistic investigations of mesotrione degradation in aqueous medium by Fenton process. <i>Journal of Hazardous Materials</i> , 2011 , 189, 479-85 | 12.8 | 30 |
| 46 | Insights into the Effects of Electrolyte Composition on the Performance and Stability of FeF ₂ Conversion-Type Cathodes. <i>Advanced Energy Materials</i> , 2019 , 9, 1803323 | 21.8 | 27 |
| 45 | Combining bioadsorption and photoelectrochemical oxidation for the treatment of soil-washing effluents polluted with herbicide 2,4-D. <i>Journal of Chemical Technology and Biotechnology</i> , 2017 , 92, 83-89 | 3.5 | 24 |
| 44 | Sorption characteristics of a landfill clay soil as a retardation barrier of some heavy metals. <i>Applied Clay Science</i> , 2017 , 135, 150-167 | 5.2 | 21 |
| 43 | Treatment of Soil-Washing Effluents Polluted with Herbicide Oxyfluorfen by Combined Biosorption/Electrolysis. <i>Industrial & Engineering Chemistry Research</i> , 2017 , 56, 1903-1910 | 3.9 | 19 |
| 42 | Removal of fluoride from aluminum fluoride manufacturing wastewater by precipitation and adsorption processes. <i>Desalination and Water Treatment</i> , 2015 , 54, 2280-2292 | | 19 |
| 41 | Electro-Fenton Treatment of Photographic Processing Wastewater. <i>Clean - Soil, Air, Water</i> , 2013 , 41, 635-644 | 1.6 | 17 |
| 40 | Mixed Metal Difluorides as High Capacity Conversion-Type Cathodes: Impact of Composition on Stability and Performance. <i>Advanced Energy Materials</i> , 2018 , 8, 1800213 | 21.8 | 15 |

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| 39 | The contribution of mediated oxidation mechanisms in the electrolytic degradation of cyanuric acid using diamond anodes. <i>Journal of Environmental Sciences</i> , 2016 , 45, 115-23 | 6.4 | 14 |
| 38 | Enhancing the performance of electro-peroxone by incorporation of UV irradiation and BDD anodes. <i>Environmental Technology (United Kingdom)</i> , 2017 , 38, 2979-2987 | 2.6 | 12 |
| 37 | Investigations on the Degradation of Triazine Herbicides in Water by Photo-Fenton Process. <i>American Journal of Analytical Chemistry</i> , 2014 , 05, 500-517 | 0.7 | 12 |
| 36 | Sputtered manganese oxide thin film on carbon nanotubes sheet as a flexible and binder-free electrode for supercapacitors. <i>International Journal of Energy Research</i> , 2019 , 43, 1245-1254 | 4.5 | 12 |
| 35 | Bromate reduction by ultraviolet light irradiation using medium pressure lamp. <i>International Journal of Environmental Studies</i> , 2013 , 70, 566-582 | 1.8 | 10 |
| 34 | Sorption of Lanthanum(III) and Neodymium(III) from Concentrated Phosphoric Acid by Strongly Acidic Cation Exchange Resin (SQS-6). <i>Russian Journal of Applied Chemistry</i> , 2019 , 92, 1581-1592 | 0.8 | 10 |
| 33 | Oxidative Degradation of Tannic Acid in Aqueous Solution by UV/S ₂ O ₈ ²⁻ and UV/H ₂ O ₂ /Fe ²⁺ Processes: A Comparative Study. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 156 | 2.6 | 10 |
| 32 | Mechanism and kinetics of electrochemical degradation of uric acid using conductive-diamond anodes. <i>Environmental Technology (United Kingdom)</i> , 2016 , 37, 2993-3001 | 2.6 | 9 |
| 31 | Properties of a three-dimensionally ordered macro-mesoporous carbon-doped TiO ₂ composite catalyst. <i>Functional Materials Letters</i> , 2014 , 07, 1350068 | 1.2 | 9 |
| 30 | A brief overview of RF sputtering deposition of boron carbon nitride (BCN) thin films. <i>Emergent Materials</i> , 2019 , 2, 79-93 | 3.5 | 9 |
| 29 | Application of FTIR and LA-ICPMS Spectroscopies as a Possible Approach for Biochemical Analyses of Different Rat Brain Regions. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2436 | 2.6 | 8 |
| 28 | Chromatographic separation of neodymium isotopes by using chemical exchange process. <i>Journal of Chromatography A</i> , 2011 , 1218, 2923-8 | 4.5 | 7 |
| 27 | In situ generated MWCNT-FeF ₃ ·0.33 H ₂ O nanocomposites toward stable performance cathode material for lithium ion batteries. <i>Emergent Materials</i> , 2019 , 2, 59-66 | 3.5 | 6 |
| 26 | Sorption of radiocobalt on pottery. <i>Radiochimica Acta</i> , 2005 , 93, 471-476 | 1.9 | 6 |
| 25 | Recent Progress in Layered Manganese and Vanadium Oxide Cathodes for Zn-Ion Batteries. <i>Energy Technology</i> , 2021 , 9, 2100011 | 3.5 | 6 |
| 24 | Electrochemical Treatment of synthetic and Actual Dyeing Wastewaters Using BDD Anodes. <i>Air, Soil and Water Research</i> , 2010 , 3, ASWR.S3639 | 3.3 | 5 |
| 23 | Structural development Of TMMA and SSQXN-8 as porous chelating resins. <i>Journal of Applied Polymer Science</i> , 2009 , 113, 3038-3048 | 2.9 | 5 |
| 22 | Binary SiTe Alloys as High-Capacity Anodes for Li-Ion Batteries. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2020 , 217, 1900414 | 1.6 | 5 |

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|----|---|-----|---|
| 21 | Degradation of Diallyl Phthalate (DAP) by Fenton Oxidation: Mechanistic and Kinetic Studies. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 23 | 2.6 | 5 |
| 20 | Selectivity Sequence of Multivalent Lanthanides for their Separation on Antimonate Based Exchangers. <i>Separation Science and Technology</i> , 2011 , 46, 2549-2565 | 2.5 | 4 |
| 19 | Hierarchical Nanostructured MWCNT/MnF ₂ Composites With Stable Electrochemical Properties as Cathode Material for Lithium Ion Batteries. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018 , 215, 1800151 | 1.6 | 3 |
| 18 | Critical Behavior of La _{0.8} Ca _{0.2} Mn _{1-x} CoxO ₃ Perovskite (0.1 ≤ x ≤ 0.3). <i>Magnetochemistry</i> , 2017 , 3, 28 | 3.1 | 3 |
| 17 | Anodic Oxidation of Aqueous Wastes Containing Hydroquinone on BDD Electrode. <i>Journal of Advanced Oxidation Technologies</i> , 2015 , 18, | | 3 |
| 16 | Electrochemical Inactivation of <i>P. Aeruginosa</i> , <i>A. hydrophila</i> , <i>L. pneumophila</i> using Boron Doped Diamond Anodes. <i>Journal of Advanced Oxidation Technologies</i> , 2013 , 16, | | 3 |
| 15 | Impact of Ge content on the electrochemical performance of Germanium Oxide/Germanium/reduced graphene (GeO ₂ /Ge/r-GO) hybrid composite anodes for lithium-ion batteries. <i>Materials Today Communications</i> , 2022 , 30, 103151 | 2.5 | 3 |
| 14 | All-solid lithium-sulfur batteries: present situation and future progress. <i>Ionics</i> , 2021 , 27, 4937 | 2.7 | 3 |
| 13 | Treatment of Pharmaceutical-manufacturing Wastewaters by UV Irradiation/Hydrogen Peroxide Process. <i>Journal of Advanced Oxidation Technologies</i> , 2011 , 14, | | 2 |
| 12 | Concentrations of essential and toxic elements and health risk assessment in brown rice from Qatari market.. <i>Food Chemistry</i> , 2022 , 376, 131938 | 8.5 | 2 |
| 11 | Fabrication of SiN@Si@Cu Thin Films by RF Sputtering as High Energy Anode Material for Li-Ion Batteries. <i>Materials</i> , 2021 , 14, | 3.5 | 2 |
| 10 | Electrolytic Oxidation as a Sustainable Method to Transform Urine into Nutrients. <i>Processes</i> , 2020 , 8, 460 | 2.9 | 1 |
| 9 | Electrochemical treatment of wastewaters containing 4-nitrocathecol using boron-doped diamond anodes. <i>Journal of Environmental Engineering and Science</i> , 2013 , 8, 121-127 | 0.8 | 1 |
| 8 | Decontamination of radioactive waste solutions using pottery. <i>Radiochemistry</i> , 2006 , 48, 392-397 | 0.9 | 1 |
| 7 | Batch and chromatographic removal of Nd ³⁺ and Dy ³⁺ ions from waste solutions using humic acid. <i>Journal of Environmental Chemical Engineering</i> , 2016 , 4, 4310-4322 | 6.8 | 1 |
| 6 | Catalytic Degradation of 4-Ethylpyridine in Water by Heterogeneous Photo-Fenton Process. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 5073 | 2.6 | 1 |
| 5 | Leaching of Some Essential and Non-Essential Heavy Metals from Modern Glazed Ceramic Crockerries Imported into Qatar from China, India and Spain. <i>Journal of Analytical & Bioanalytical Techniques</i> , 2018 , 09, | | 1 |
| 4 | Synthesis of Novel Aqua [4-NNNO/Cu(II) Complexes as Rapid and Selective Oxidative Catalysts for O-Catechol: Fluorescence, Spectral, Chromotropism and Thermal Analyses. <i>Crystals</i> , 2021 , 11, 1072 | 2.3 | 1 |

- 3 SiGe@Cu films as stable and high energy density anodes for lithium-ion microbatteries. *Emergent Materials*, **2020**, 3, 779-790 3.5
- 2 Isotope effects of neodymium in different ligands exchange systems studied by ion exchange displacement chromatography. *Journal of Advanced Research*, **2013**, 4, 129-35 13
- 1 Insights into the generation of hydroxyl radicals from H₂O₂ decomposition by the combination of Fe²⁺ and chloranilic acid. *International Journal of Environmental Science and Technology*, 1 3.3