

Mohammad Ibrahim Ahmad Ibrahim

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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
55	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
54	Recent Progress in Layered Manganese and Vanadium Oxide Cathodes for Zn-Ion Batteries. <i>Energy Technology</i> , 2021 , 9, 2100011	3.5	6
53	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
52	Synthesis of Novel Aqua [2]-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
51	All-solid lithium-sulfur batteries: present situation and future progress. <i>Ionics</i> , 2021 , 27, 4937	2.7	3
50	SiGe@Cu films as stable and high energy density anodes for lithium-ion microbatteries. <i>Emergent Materials</i> , 2020 , 3, 779-790	3.5	
49	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
48	Electrolytic Oxidation as a Sustainable Method to Transform Urine into Nutrients. <i>Processes</i> , 2020 , 8, 460	2.9	1
47	Binary SiGe 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
46	Degradation of hydroxychloroquine by electrochemical advanced oxidation processes. <i>Chemical Engineering Journal</i> , 2020 , 402, 126279	14.7	34
45	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
44	Electrochemical Oxidation/Disinfection of Urine Wastewaters with Different Anode Materials. <i>Materials</i> , 2019 , 12,	3.5	32
43	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
42	Catalytic Degradation of 4-Ethylpyridine in Water by Heterogeneous Photo-Fenton Process. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 5073	2.6	1
41	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
40	Degradation of Diallyl Phthalate (DAP) by Fenton Oxidation: Mechanistic and Kinetic Studies. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 23	2.6	5

39	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
38	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
37	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
36	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
35	Graphene a promising electrode material for supercapacitors: A review. <i>International Journal of Energy Research</i> , 2018 , 42, 4284-4300	4.5	79
34	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
33	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
32	Leaching of Some Essential and Non-Essential Heavy Metals from Modern Glazed Ceramic Crockeries Imported into Qatar from China, India and Spain. <i>Journal of Analytical & Bioanalytical Techniques</i> , 2018 , 09,		1
31	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
30	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
29	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
28	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
27	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
26	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
25	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
24	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
23	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
22	Removal of fluoride from aluminum fluoride manufacturing wastewater by precipitation and adsorption processes. <i>Desalination and Water Treatment</i> , 2015 , 54, 2280-2292		19

21	Anodic Oxidation of Aqueous Wastes Containing Hydroquinone on BDD Electrode. <i>Journal of Advanced Oxidation Technologies</i> , 2015 , 18,		3
20	The electrolytic treatment of synthetic urine using DSA electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2015 , 744, 62-68	4.1	40
19	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
18	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
17	Electro-Fenton Treatment of Photographic Processing Wastewater. <i>Clean - Soil, Air, Water</i> , 2013 , 41, 635-644	1.6	17
16	Isotope effects of neodymium in different ligands exchange systems studied by ion exchange displacement chromatography. <i>Journal of Advanced Research</i> , 2013 , 4, 129-35	13	
15	Bromate reduction by ultraviolet light irradiation using medium pressure lamp. <i>International Journal of Environmental Studies</i> , 2013 , 70, 566-582	1.8	10
14	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
13	Electrochemical Inactivation of P. Aeruginosa, A. hydrophila, L. pneumophila using Boron Doped Diamond Anodes. <i>Journal of Advanced Oxidation Technologies</i> , 2013 , 16,		3
12	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
11	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
10	Treatment of Pharmaceutical-manufacturing Wastewaters by UV Irradiation/Hydrogen Peroxide Process. <i>Journal of Advanced Oxidation Technologies</i> , 2011 , 14,		2
9	Chromatographic separation of neodymium isotopes by using chemical exchange process. <i>Journal of Chromatography A</i> , 2011 , 1218, 2923-8	4.5	7
8	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
7	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
6	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
5	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
4	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

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| 3 | Decontamination of radioactive waste solutions using pottery. <i>Radiochemistry</i> , 2006 , 48, 392-397 | 0.9 | 1 |
| 2 | Sorption of radiocobalt on pottery. <i>Radiochimica Acta</i> , 2005 , 93, 471-476 | 1.9 | 6 |
| 1 | Insights into the generation of hydroxyl radicals from H ₂ O ₂ decomposition by the combination of Fe ²⁺ and chloranilic acid. <i>International Journal of Environmental Science and Technology</i> , 1 | 3.3 | |