

K Hh Aziz

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

982
citations

623734

14
h-index

940533

16
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16
all docs

16
docs citations

16
times ranked

1098
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradation of pharmaceutical diclofenac and ibuprofen in aqueous solution, a direct comparison of ozonation, photocatalysis, and non-thermal plasma. <i>Chemical Engineering Journal</i> , 2017, 313, 1033-1041.	12.7	209
2	Comparative study on 2,4-dichlorophenoxyacetic acid and 2,4-dichlorophenol removal from aqueous solutions via ozonation, photocatalysis and non-thermal plasma using a planar falling film reactor. <i>Journal of Hazardous Materials</i> , 2018, 343, 107-115.	12.4	148
3	Application of a planar falling film reactor for decomposition and mineralization of methylene blue in the aqueous media via ozonation, Fenton, photocatalysis and non-thermal plasma: A comparative study. <i>Chemical Engineering Research and Design</i> , 2018, 113, 319-329.	5.6	100
4	Application of different advanced oxidation processes for the removal of chloroacetic acids using a planar falling film reactor. <i>Chemosphere</i> , 2019, 228, 377-383.	8.2	97
5	Heterogeneous catalyst ozonation of Direct Black 22 from aqueous solution in the presence of metal slags originating from industrial solid wastes. <i>Separation and Purification Technology</i> , 2020, 233, 115961.	7.9	76
6	Removal of dichloroacetic acid from aqueous solution using non-thermal plasma generated by dielectric barrier discharge and nano-pulse corona discharge. <i>Separation and Purification Technology</i> , 2019, 216, 51-57.	7.9	64
7	In-car particulate matter exposure across ten global cities. <i>Science of the Total Environment</i> , 2021, 750, 141395.	8.0	46
8	Lowering the detection limit towards nanomolar mercury ion detection <i>via</i> surface modification of N-doped carbon quantum dots. <i>New Journal of Chemistry</i> , 2019, 43, 8677-8683.	2.8	41
9	Application of Photocatalytic Falling Film Reactor to Elucidate the Degradation Pathways of Pharmaceutical Diclofenac and Ibuprofen in Aqueous Solutions. <i>Coatings</i> , 2019, 9, 465.	2.6	40
10	Photoluminescence enhancement <i>via</i> microwave irradiation of carbon quantum dots derived from solvothermal synthesis of L-arginine. <i>New Journal of Chemistry</i> , 2019, 43, 689-695.	2.8	40
11	Development and Application of Different Non-thermal Plasma Reactors for the Removal of Perfluorosurfactants in Water: A Comparative Study. <i>Plasma Chemistry and Plasma Processing</i> , 2019, 39, 531-544.	2.4	36
12	Improvement of selectivity <i>via</i> the surface modification of carbon nanodots towards the quantitative detection of mercury ions. <i>New Journal of Chemistry</i> , 2019, 43, 12979-12986.	2.8	24
13	Electropolishing and Mirror-like Preparation of Titanium in Choline Chloride-Ethylene Glycol Mixture Liquid. <i>Electrochemistry</i> , 2020, 88, 447-450.	1.4	24
14	Potential health risks due to in-car aerosol exposure across ten global cities. <i>Environment International</i> , 2021, 155, 106688.	10.0	23
15	Investigation in heavy metal contents of drinking water and fish from Darbandikhan and Dokan Lakes in Sulaimaniyah Province - Iraqi Kurdistan Region. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 612, 012023.	0.3	11
16	Effect of Copper Ion and Water on Anodic Dissolution of Metallic Copper in a Deep Eutectic Solvent (DES). <i>Electrochemistry</i> , 2021, 89, 71-74.	1.4	3