

Ikechukwu A Ike

List of Publications by Year in descending order

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14
papers

849
citations

758635

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1058022

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14
all docs

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docs citations

14
times ranked

1102
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing copper binding property of compost-derived humic substances by biochar amendment: Further insight from two-dimensional correlation spectroscopy. <i>Journal of Hazardous Materials</i> , 2020, 390, 121128.	6.5	24
2	A comprehensive review of mathematical models developed for the estimation of organic disinfection byproducts. <i>Chemosphere</i> , 2020, 246, 125797.	4.2	14
3	Polyethyleneimine modification of activated fly ash and biochar for enhanced removal of natural organic matter from water via adsorption. <i>Chemosphere</i> , 2020, 243, 125454.	4.2	34
4	Oxidation byproducts from the degradation of dissolved organic matter by advanced oxidation processes – A critical review. <i>Water Research</i> , 2019, 164, 114929.	5.3	95
5	Depletion of VOC in wastewater by vacuum membrane distillation using a dual-layer membrane: mechanism of mass transfer and selectivity. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 119-130.	1.2	13
6	Impacts of advanced oxidation processes on disinfection byproducts from dissolved organic matter upon post-chlor(am)ination: A critical review. <i>Chemical Engineering Journal</i> , 2019, 375, 121929.	6.6	59
7	Activation of Persulfate at Waste Heat Temperatures for Humic Acid Degradation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 4345-4353.	3.2	36
8	Critical review of the science and sustainability of persulphate advanced oxidation processes. <i>Chemical Engineering Journal</i> , 2018, 338, 651-669.	6.6	461
9	Synthetic magnetite, maghemite, and haematite activation of persulphate for orange G degradation. <i>Journal of Contaminant Hydrology</i> , 2018, 215, 73-85.	1.6	14
10	Steel wool and carbonyl iron powder activation of persulphate for the degradation of pollutants. <i>Journal of Water Process Engineering</i> , 2018, 25, 58-69.	2.6	6
11	Feasibility, mechanisms, and optimisation of organic pollutant degradation by thermally activated persulphate. <i>Chemical Engineering Research and Design</i> , 2018, 136, 304-314.	2.7	33
12	Advanced oxidation of orange G using phosphonic acid stabilised zerovalent iron. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 4014-4023.	3.3	21
13	Effects of dope sonication and hydrophilic polymer addition on the properties of low pressure PVDF mixed matrix membranes. <i>Journal of Membrane Science</i> , 2017, 540, 200-211.	4.1	23
14	Effects of dissolution conditions on the properties of PVDF ultrafiltration membranes. <i>Ultrasonics Sonochemistry</i> , 2017, 39, 716-726.	3.8	16