

Katherine D Huddersman

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Advance Oxidation Process (AOP) of Bisphenol A Using a Novel Surface-Functionalised Polyacrylonitrile (PAN) Fibre Catalyst. <i>Water (Switzerland)</i> , 2022, 14, 640.	1.2	2
2	Chitosan-Terephthalic Acid-Magnetic Composite Beads for Effective Removal of the Acid Blue Dye from Aqueous Solutions: Kinetics, Isotherm, and Statistical Modeling. <i>ACS Omega</i> , 2021, 6, 30499-30514.	1.6	4
3	Regeneration of a deactivated surface functionalised polyacrylonitrile supported Fenton catalyst for use in wastewater treatment. <i>RSC Advances</i> , 2020, 10, 12941-12952.	1.7	7
4	Novel Heterogeneous Fenton-Like Catalysis for Degradation of Colchicine Coupled with Extraction of Its Biologically Active Metabolite. <i>Journal of Molecular Liquids</i> , 2019, 295, 111870.	2.3	5
5	Application of AOPs in the treatment of OSPAR chemicals and a comparative cost analysis. <i>Critical Reviews in Environmental Science and Technology</i> , 2019, 49, 277-317.	6.6	9
6	Comparative Characterisation of Closed and Active Landfill Composites Using EDX, FTIR and Proximate Techniques. <i>Waste and Biomass Valorization</i> , 2017, 8, 1313-1323.	1.8	4
7	Integrated Approaches to Soil Contamination Monitoring. <i>Applied and Environmental Soil Science</i> , 2016, 2016, 1-2.	0.8	0
8	Microwave dielectric measurements of fibrous catalyst using transmission line technique in the frequency range of 1-4 GHz. <i>Microwave and Optical Technology Letters</i> , 2014, 56, 2671-2676.	0.9	2
9	Pilot-Scale Removal of Trace Steroid Hormones and Pharmaceuticals and Personal Care Products from Municipal Wastewater Using a Heterogeneous Fenton-Like Catalytic Process. <i>International Journal of Chemical Engineering</i> , 2013, 2013, 1-10.	1.4	24
10	Performance linked to residence time distribution by a novel wool-based bioreactor for tertiary sewage treatment. <i>Applied Microbiology and Biotechnology</i> , 2012, 94, 817-828.	1.7	4
11	Maleic Acid Oxidation Using A Heterogeneous Modified Polyacrylonitrile (PAN) Fibrous Catalyst. <i>Journal of Advanced Oxidation Technologies</i> , 2011, 14, .	0.5	5
12	The effect of shock loads on SAF bioreactors for sewage treatment works. <i>Chemical Engineering Journal</i> , 2011, 166, 73-80.	6.6	22
13	Kinetic Modelling of the Fenton-Like Oxidation of Maleic Acid Using a Heterogeneous Modified Polyacrylonitrile (Pan) Catalyst. <i>Progress in Reaction Kinetics and Mechanism</i> , 2011, 36, 189-214.	1.1	7
14	Novel ion chromatography technique for the rapid identification and quantification of saturated and unsaturated low molecular weight organic acids formed during the Fenton oxidation of organic pollutants. <i>Journal of Chromatography A</i> , 2007, 1139, 95-103.	1.8	8
15	Novel Fibrous Catalyst in Advanced Oxidation of Photographic Processing Effluents. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2006, 41, 129-141.	0.9	4
16	Comparison of Micro- and Mesoporous Inorganic Materials in the Uptake and Release of the Drug Model Fluorescein and Its Analogues. <i>Chemistry - A European Journal</i> , 2003, 9, 5873-5878.	1.7	110
17	Separation of nucleosides and nucleotides using cation-exchanged zeolites. <i>New Journal of Chemistry</i> , 2002, 26, 1698-1701.	1.4	4
18	Highly selective bromination of toluene in a bromine-oxirane-zeolite system. <i>Zeolites</i> , 1993, 13, 341-347.	0.9	32

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19	X-ray powder diffraction determination of the location of Thallium cations in hydrated ZSM-5. Zeolites, 1991, 11, 270-276.	0.9	22
20	Gallium EXAFS and solid-state NMR studies of Ga-substituted MFI-type zeolites. Chemical Physics Letters, 1990, 172, 398-404.	1.2	27