

Cathy McCullagh

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

894
citations

759233

12
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

1644
citing authors

#	ARTICLE	IF	CITATIONS
1	The application of TiO ₂ photocatalysis for disinfection of water contaminated with pathogenic micro-organisms: a review. <i>Research on Chemical Intermediates</i> , 2007, 33, 359-375.	2.7	306
2	Photocatalytic reactors for environmental remediation: a review. <i>Journal of Chemical Technology and Biotechnology</i> , 2011, 86, 1002-1017.	3.2	235
3	Development of a biocidal treatment regime to inhibit biological growths on cultural heritage: BIODAM. <i>Environmental Geology</i> , 2008, 56, 631-641.	1.2	76
4	Variables to be considered when assessing the photocatalytic destruction of bacterial pathogens. <i>Chemosphere</i> , 2009, 74, 1374-1378.	8.2	52
5	Development of a slurry continuous flow reactor for photocatalytic treatment of industrial waste water. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 211, 42-46.	3.9	50
6	The application of a novel fluidised photo reactor under UV-Visible and natural solar irradiation in the photocatalytic generation of hydrogen. <i>Chemical Engineering Journal</i> , 2016, 286, 610-621.	12.7	33
7	Photosensitized Destruction of <i>Chlorella vulgaris</i> by Methylene Blue or Nuclear Fast Red Combined with Hydrogen Peroxide under Visible Light Irradiation. <i>Environmental Science & Technology</i> , 2006, 40, 2421-2425.	10.0	22
8	Photobactericidal effects of TiO ₂ thin films at low temperatures—A preliminary study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 216, 290-294.	3.9	22
9	Development of a doped titania immobilised thin film multi tubular photoreactor. <i>Applied Catalysis B: Environmental</i> , 2013, 130-131, 99-105.	20.2	21
10	Photo-dynamic biocidal action of methylene blue and hydrogen peroxide on the cyanobacterium <i>Synechococcus leopoliensis</i> under visible light irradiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2006, 83, 63-68.	3.8	19
11	Remediation of oily wastewater from an interceptor tank using a novel photocatalytic drum reactor. <i>Desalination and Water Treatment</i> , 2011, 26, 87-91.	1.0	15
12	A new generation of biocides for control of crustacea in fish farms. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2009, 95, 58-63.	3.8	14
13	Electrochemical Investigation of Doped Titanium Dioxide. <i>International Journal of Photoenergy</i> , 2008, 2008, 1-8.	2.5	8
14	From Ideal Reactor Concepts to Reality: The Novel Drum Reactor for Photocatalytic Wastewater Treatment. <i>International Journal of Chemical Reactor Engineering</i> , 2013, 11, 621-632.	1.1	7
15	Enhanced adsorption of Cd (II) on a hydrous Al (III) floc in the presence of a modified form of polyethylenimine. <i>Water Research</i> , 2005, 39, 2799-2806.	11.3	6
16	Effect of Polyethylenimine, a Cell Permeabilizer, on the Photosensitized Destruction of Algae by Methylene Blue and Nuclear Fast Red. <i>Photochemistry and Photobiology</i> , 2006, 82, 1662-1667.	2.5	5
17	Photocatalytic Splitting of Water. <i>Handbook of Environmental Chemistry</i> , 2014, , 45-86.	0.4	2
18	Effect of Polyethylenimine, a Cell Permeabilizer, on the Photosensitized Destruction of Algae by Methylene Blue and Nuclear Fast Red. <i>Photochemistry and Photobiology</i> , 2006, 82, 1662.	2.5	1