

Douglas B Mawhinney

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

2,165
citations

759233

12
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

2777
citing authors

#	ARTICLE	IF	CITATIONS
1	Transformation of 1 <i>H</i> -Benzotriazole by Ozone in Aqueous Solution. <i>Environmental Science & Technology</i> , 2012, 46, 7102-7111.	10.0	66
2	Real-Time Detection and Identification of Aqueous Chlorine Transformation Products Using QTOF MS. <i>Analytical Chemistry</i> , 2008, 80, 4193-4199.	6.5	17
3	The determination of organophosphonate nerve agent metabolites in human urine by hydrophilic interaction liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 852, 235-243.	2.3	86
4	Enhancing the response of alkyl methylphosphonic acids in negative electrospray ionization liquid chromatography tandem mass spectrometry by post-column addition of organic solvents. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 1821-1826.	2.8	31
5	FTIR study of the oxidation of amorphous carbon by ozone at 300 K " Direct COOH formation. <i>Carbon</i> , 2001, 39, 1167-1173.	10.3	123
6	Enhancement of adsorption inside of single-walled nanotubes: opening the entry ports. <i>Chemical Physics Letters</i> , 2000, 321, 292-296.	2.6	442
7	Surface defect site density on single walled carbon nanotubes by titration. <i>Chemical Physics Letters</i> , 2000, 324, 213-216.	2.6	370
8	Infrared Spectroscopic Study of Surface Diffusion to Surface Hydroxyl Groups on Al ₂ O ₃ : 2-Chloroethylethyl Sulfide Adsorption Site Selection. <i>Langmuir</i> , 2000, 16, 2237-2241.	3.5	31
9	Infrared Spectral Evidence for the Etching of Carbon Nanotubes: Ozone Oxidation at 298 K. <i>Journal of the American Chemical Society</i> , 2000, 122, 2383-2384.	13.7	568
10	Breaking the Ga-CH ₃ bond at cryogenic temperatures using atomic hydrogen. Adsorbed trimethylgallium reactivity. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1999, 17, 679-685.	2.1	2
11	Adsorption Studies by Transmission IR Spectroscopy: A New Method for Opaque Materials. <i>Langmuir</i> , 1999, 15, 4617-4621.	3.5	43
12	Adsorption and Reaction of 2-Chloroethylethyl Sulfide with Al ₂ O ₃ Surfaces. <i>Langmuir</i> , 1999, 15, 4789-4795.	3.5	72
13	FTIR Study of the Oxidation of Porous Silicon. <i>Journal of Physical Chemistry B</i> , 1997, 101, 1202-1206.	2.6	314