

Christopher L Marcum

List of Publications by Year in descending order

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7
papers

542
citations

1478505

6
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

916
citing authors

#	ARTICLE	IF	CITATIONS
1	Cleavage and hydrodeoxygenation (HDO) of C–O bonds relevant to lignin conversion using Pd/Zn synergistic catalysis. <i>Chemical Science</i> , 2013, 4, 806-813.	7.4	294
2	High-Performance Liquid Chromatography/High-Resolution Multiple Stage Tandem Mass Spectrometry Using Negative-Ion-Mode Hydroxide-Doped Electrospray Ionization for the Characterization of Lignin Degradation Products. <i>Analytical Chemistry</i> , 2012, 84, 6000-6007.	6.5	94
3	Characterization of organosolv switchgrass lignin by using high performance liquid chromatography/high resolution tandem mass spectrometry using hydroxide-doped negative-ion mode electrospray ionization. <i>Green Chemistry</i> , 2014, 16, 2713-2727.	9.0	78
4	Characterization of model compounds of processed lignin and the lignome by using atmospheric pressure ionization tandem mass spectrometry. <i>Fuel</i> , 2012, 95, 634-641.	6.4	47
5	A Fundamental Tandem Mass Spectrometry Study of the Collision-Activated Dissociation of Small Deprotonated Molecules Related to Lignin. <i>ChemSusChem</i> , 2016, 9, 3513-3526.	6.8	15
6	Identification of the Phenol Functionality in Deprotonated Monomeric and Dimeric Lignin Degradation Products via Tandem Mass Spectrometry Based on Ion–Molecule Reactions with Diethylmethoxyborane. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 1813-1823.	2.8	12
7	Losses of CO and CO ₂ upon collision-activated dissociation of substituted 2-methoxyphenoxides after methyl radical loss. <i>International Journal of Mass Spectrometry</i> , 2020, 456, 116397.	1.5	2