

Hanyu Zhu

List of Publications by Year in descending order

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9
papers

275
citations

1163117

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1474206

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10
all docs

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docs citations

10
times ranked

508
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of process severity on the chemical composition of organosolv switchgrass lignins by using mass spectrometry. <i>Green Chemistry</i> , 2021, 23, 4024-4033.	9.0	3
2	Mechanism of Me–Re Bond Addition to Platinum(II) and Dioxygen Activation by the Resulting Pt–Re Bimetallic Center. <i>Inorganic Chemistry</i> , 2017, 56, 2145-2152.	4.0	10
3	Initial Products and Reaction Mechanisms for Fast Pyrolysis of Synthetic Gâ€Lignin Oligomers with Î²â€Oâ€4 Linkages via Onâ€Line Mass Spectrometry and Quantum Chemical Calculations. <i>ChemistrySelect</i> , 2017, 2, 7185-7193.	1.5	12
4	Identification of Carboxylate, Phosphate, and Phenoxide Functionalities in Deprotonated Molecules Related to Drug Metabolites via Ionâ€Molecule Reactions with water and Diethylhydroxyborane. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 2189-2200.	2.8	10
5	A Fundamental Tandem Mass Spectrometry Study of the Collisionâ€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 Ionâ€Molecule Reactions with Diethylmethoxyborane. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 1813-1823.	2.8	12
7	Gas-phase ion-molecule reactions for the identification of the sulfone functionality in protonated analytes in a linear quadrupole ion trap mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1435-1441.	1.5	9
8	Total Utilization of Miscanthus Biomass, Lignin and Carbohydrates, Using Earth Abundant Nickel Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 2316-2322.	6.7	182
9	A Mimivirus Enzyme that Participates in Viral Entry. <i>Structure</i> , 2015, 23, 1058-1065.	3.3	22