

Darrell D Marshall

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

760
citations

623699

14
h-index

752679

20
g-index

21
all docs

21
docs citations

21
times ranked

1177
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview of biological applications and fundamentals of new <i>inlet</i> and <i>vacuum</i> ionization technologies. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e8829.	1.5	9
2	Development of a robotics platform for automated multi-ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e8449.	1.5	9
3	Metabolomics Analyses from Tissues in Parkinson's Disease. <i>Methods in Molecular Biology</i> , 2019, 1996, 217-257.	0.9	14
4	Novel Amphiphilic Cyclobutene and Cyclobutane cis-C18 Fatty Acid Derivatives Inhibit <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Growth. <i>Veterinary Sciences</i> , 2019, 6, 46.	1.7	5
5	Fundamental Studies of New Ionization Technologies and Insights from IMS-MS. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1133-1147.	2.8	17
6	Metabolic Mitigation of <i>Staphylococcus aureus</i> Vancomycin Intermediate-Level Susceptibility. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	32
7	Beyond the paradigm: Combining mass spectrometry and nuclear magnetic resonance for metabolomics. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2017, 100, 1-16.	7.5	168
8	Assessment of Metabolic Changes in <i>Mycobacterium smegmatis</i> Wild-Type and <i>alr</i> Mutant Strains: Evidence of a New Pathway of <i>d</i> -Alanine Biosynthesis. <i>Journal of Proteome Research</i> , 2017, 16, 1270-1279.	3.7	12
9	Metabolic Investigations of the Molecular Mechanisms Associated with Parkinson's Disease. <i>Metabolites</i> , 2017, 7, 22.	2.9	39
10	A broad-based study on hyphenating new ionization technologies with MS/MS for PTMs and tissue characterization. <i>Proteomics</i> , 2016, 16, 1695-1706.	2.2	19
11	Redox Imbalance Underlies the Fitness Defect Associated with Inactivation of the Pta-AckA Pathway in <i>Staphylococcus aureus</i> . <i>Journal of Proteome Research</i> , 2016, 15, 1205-1212.	3.7	26
12	Combining DI-ESI-MS and NMR datasets for metabolic profiling. <i>Metabolomics</i> , 2015, 11, 391-402.	3.0	60
13	Development of Cyclobutene and Cyclobutane Functionalized Fatty Acids with Inhibitory Activity against <i>Mycobacterium tuberculosis</i> . <i>ChemMedChem</i> , 2014, 9, 1838-1849.	3.2	5
14	Metabolomics Analysis Identifies <i>d</i> -Alanine- <i>d</i> -Alanine Ligase as the Primary Lethal Target of <i>d</i> -Cycloserine in Mycobacteria. <i>Journal of Proteome Research</i> , 2014, 13, 1065-1076.	3.7	61
15	New ionization processes and applications for use in mass spectrometry. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2013, 48, 409-429.	5.2	31
16	Inactivation of the Pta-AckA Pathway Causes Cell Death in <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 2013, 195, 3035-3044.	2.2	68
17	Matrix Assisted Ionization: New Aromatic and Nonaromatic Matrix Compounds Producing Multiply Charged Lipid, Peptide, and Protein Ions in the Positive and Negative Mode Observed Directly from Surfaces. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 1625-1643.	2.8	61
18	Inlet Ionization: A New Highly Sensitive Approach for Liquid Chromatography/Mass Spectrometry of Small and Large Molecules. <i>Analytical Chemistry</i> , 2011, 83, 7591-7594.	6.5	55

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19	Extending the Laserspray Ionization Concept to Produce Highly Charged Ions at High Vacuum on a Time-of-Flight Mass Analyzer. <i>Analytical Chemistry</i> , 2011, 83, 5469-5475.	6.5	51
20	High-throughput analysis of peptides and proteins by laserspray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 247-250.	1.5	17