Darrell D Marshall

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10782939/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	An overview of biological applications and fundamentals of new <i>inlet</i> and <i>vacuum</i> ionization technologies. Rapid Communications in Mass Spectrometry, 2021, 35, e8829.	1.5	9
2	Development of a robotics platform for automated multiâ€ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2021, 35, e8449.	1.5	9
3	Metabolomics Analyses from Tissues in Parkinson's Disease. Methods in Molecular Biology, 2019, 1996, 217-257.	0.9	14
4	Novel Amphiphilic Cyclobutene and Cyclobutane cis-C18 Fatty Acid Derivatives Inhibit Mycobacterium avium subsp. paratuberculosis Growth. Veterinary Sciences, 2019, 6, 46.	1.7	5
5	Fundamental Studies of New Ionization Technologies and Insights from IMS-MS. Journal of the American Society for Mass Spectrometry, 2019, 30, 1133-1147.	2.8	17
6	Metabolic Mitigation of Staphylococcus aureus Vancomycin Intermediate-Level Susceptibility. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	32
7	Beyond the paradigm: Combining mass spectrometry and nuclear magnetic resonance for metabolomics. Progress in Nuclear Magnetic Resonance Spectroscopy, 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 <scp>d</scp> -Alanine Biosynthesis. Journal of Proteome Research, 2017, 16, 1270-1279.	3.7	12
9	Metabolic Investigations of the Molecular Mechanisms Associated with Parkinson's Disease. Metabolites, 2017, 7, 22.	2.9	39
10	A broadâ€based study on hyphenating new ionization technologies with MS/MS for PTMs and tissue characterization. Proteomics, 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> . Journal of Proteome Research, 2016, 15, 1205-1212.	3.7	26
12	Combining DI-ESI–MS and NMR datasets for metabolic profiling. Metabolomics, 2015, 11, 391-402.	3.0	60
13	Development of Cyclobutene―and Cyclobutaneâ€Functionalized Fatty Acids with Inhibitory Activity against <i>Mycobacterium tuberculosis</i> . ChemMedChem, 2014, 9, 1838-1849.	3.2	5
14	Metabolomics Analysis Identifies <scp>d</scp> -Alanine- <scp>d</scp> -Alanine Ligase as the Primary Lethal Target of <scp>d</scp> -Cycloserine in Mycobacteria. Journal of Proteome Research, 2014, 13, 1065-1076.	3.7	61
15	New ionization processes and applications for use in mass spectrometry. Critical Reviews in Biochemistry and Molecular Biology, 2013, 48, 409-429.	5.2	31
16	Inactivation of the Pta-AckA Pathway Causes Cell Death in Staphylococcus aureus. Journal of Bacteriology, 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. Journal of the American Society for Mass Spectrometry, 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. Analytical Chemistry, 2011, 83, 7591-7594.	6.5	55

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