

C Logan Mackay

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

756
citations

567281

15
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839539

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docs citations

18
times ranked

1022
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | On-tissue chemical derivatization in mass spectrometry imaging. <i>Mass Spectrometry Reviews</i> , 2022, 41, 662-694. | 5.4 | 54 |
| 2 | Native ion mobility mass spectrometry reveals that small organic acid fragments impart gas-phase stability to carbonic anhydrase II. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8570. | 1.5 | 7 |
| 3 | Spatial Localization of Vitamin D Metabolites in Mouse Kidney by Mass Spectrometry Imaging. <i>ACS Omega</i> , 2020, 5, 13430-13437. | 3.5 | 25 |
| 4 | MALDI Matrix Application Utilizing a Modified 3D Printer for Accessible High Resolution Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2018, 90, 8742-8749. | 6.5 | 27 |
| 5 | Spatial Localization and Quantitation of Androgens in Mouse Testis by Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2016, 88, 10362-10367. | 6.5 | 61 |
| 6 | Mass spectrometry analysis of the oxidation states of the pro-oncogenic protein anterior gradient-2 reveals covalent dimerization via an intermolecular disulphide bond. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 551-561. | 2.3 | 12 |
| 7 | Exemplifying the Screening Power of Mass Spectrometry Imaging over Label-Based Technologies for Simultaneous Monitoring of Drug and Metabolite Distributions in Tissue Sections. <i>Journal of Biomolecular Screening</i> , 2016, 21, 187-193. | 2.6 | 33 |
| 8 | Mass Spectrometry Imaging of Cassette-Dosed Drugs for Higher Throughput Pharmacokinetic and Biodistribution Analysis. <i>Analytical Chemistry</i> , 2014, 86, 8473-8480. | 6.5 | 82 |
| 9 | Redox regulation of tumour suppressor protein p53: identification of the sites of hydrogen peroxide oxidation and glutathionylation. <i>Chemical Science</i> , 2013, 4, 1257. | 7.4 | 21 |
| 10 | Mass Spectrometry Imaging for Dissecting Steroid Intracrinology within Target Tissues. <i>Analytical Chemistry</i> , 2013, 85, 11576-11584. | 6.5 | 109 |
| 11 | Conductive carbon tape used for support and mounting of both whole animal and fragile heat-treated tissue sections for MALDI MS imaging and quantitation. <i>Journal of Proteomics</i> , 2012, 75, 4912-4920. | 2.4 | 51 |
| 12 | Qualitative and Quantitative MALDI Imaging of the Positron Emission Tomography Ligands Raclopride (a D2 Dopamine Antagonist) and SCH 23390 (a D1 Dopamine Antagonist) in Rat Brain Tissue Sections Using a Solvent-Free Dry Matrix Application Method. <i>Analytical Chemistry</i> , 2011, 83, 9694-9701. | 6.5 | 86 |
| 13 | Identification of Two Reactive Cysteine Residues in the Tumor Suppressor Protein p53 Using Top-Down FTICR Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 888-897. | 2.8 | 43 |
| 14 | Mapping a Noncovalent Protein-Peptide Interface by Top-Down FTICR Mass Spectrometry Using Electron Capture Dissociation. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 1432-1440. | 2.8 | 36 |
| 15 | Matrix-free mass spectrometric imaging using laser desorption ionisation Fourier transform ion cyclotron resonance mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 969-972. | 1.5 | 26 |
| 16 | Online Quench-Flow Electrospray Ionization Fourier Transform Ion Cyclotron Resonance Mass Spectrometry for Elucidating Kinetic and Chemical Enzymatic Reaction Mechanisms. <i>Analytical Chemistry</i> , 2010, 82, 1897-1904. | 6.5 | 17 |
| 17 | Precursor ion independent algorithm for top-down shotgun proteomics. <i>Journal of the American Society for Mass Spectrometry</i> , 2009, 20, 2154-2166. | 2.8 | 52 |
| 18 | Sensitive, Specific, and Quantitative FTICR Mass Spectrometry of Combinatorial Post-Translational Modifications in Intact Histone H4. <i>Analytical Chemistry</i> , 2008, 80, 4147-4153. | 6.5 | 14 |