

Keith Richardson

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,539
citations

840776

11
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

2272
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Ultrahigh-Throughput Sample Analysis Using Liquid Atmospheric Pressure Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2022, 94, 4141-4145. | 6.5 | 17 |
| 2 | <i>In Silico</i> Reagent Design for Electron-Transfer Dissociation on a Q-TOF. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2092-2098. | 2.8 | 1 |
| 3 | Mapping Isomeric Peptides Derived from Biopharmaceuticals Using High-Resolution Ion Mobility Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 16379-16384. | 6.5 | 9 |
| 4 | Coupling Droplet Microfluidics with Mass Spectrometry for Ultrahigh-Throughput Analysis of Complex Mixtures up to and above 30 Hz. <i>Analytical Chemistry</i> , 2020, 92, 12605-12612. | 6.5 | 45 |
| 5 | A Novel Ion Pseudo-trapping Phenomenon within Traveling Wave Ion Guides. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 880-887. | 2.8 | 4 |
| 6 | Segmented electrostatic trap with inductive, frequency based, mass-to-charge ion determination. <i>International Journal of Mass Spectrometry</i> , 2020, 450, 116304. | 1.5 | 1 |
| 7 | A Cyclic Ion Mobility-Mass Spectrometry System. <i>Analytical Chemistry</i> , 2019, 91, 8564-8573. | 6.5 | 286 |
| 8 | Fundamentals of travelling wave ion mobility revisited: I. Smoothly moving waves. <i>International Journal of Mass Spectrometry</i> , 2018, 428, 71-80. | 1.5 | 40 |
| 9 | Scanning Quadrupole Data-Independent Acquisition, Part A: Qualitative and Quantitative Characterization. <i>Journal of Proteome Research</i> , 2018, 17, 770-779. | 3.7 | 62 |
| 10 | Lipid profiling of complex biological mixtures by liquid chromatography/mass spectrometry using a novel scanning quadrupole data-independent acquisition strategy. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1599-1606. | 1.5 | 18 |
| 11 | Ion Mobility Tandem Mass Spectrometry Enhances Performance of Bottom-up Proteomics. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 3709-3715. | 3.8 | 98 |
| 12 | Characterisation of glycoproteins using a quadrupole time-of-flight mass spectrometer configured for electron transfer dissociation. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 2383-2390. | 1.5 | 20 |
| 13 | A Probabilistic Framework for Peptide and Protein Quantification from Data-Dependent and Data-Independent LC-MS Proteomics Experiments. <i>OMICS A Journal of Integrative Biology</i> , 2012, 16, 468-482. | 2.0 | 13 |
| 14 | Structural Characterization of Drug-like Compounds by Ion Mobility Mass Spectrometry: Comparison of Theoretical and Experimentally Derived Nitrogen Collision Cross Sections. <i>Analytical Chemistry</i> , 2012, 84, 1026-1033. | 6.5 | 340 |
| 15 | Quantitative Proteomic Analysis by Accurate Mass Retention Time Pairs. <i>Analytical Chemistry</i> , 2005, 77, 2187-2200. | 6.5 | 585 |