

# Keith Richardson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/107298/publications.pdf>

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	Quantitative Proteomic Analysis by Accurate Mass Retention Time Pairs. <i>Analytical Chemistry</i> , 2005, 77, 2187-2200.	6.5	585
2	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
3	A Cyclic Ion Mobility-Mass Spectrometry System. <i>Analytical Chemistry</i> , 2019, 91, 8564-8573.	6.5	286
4	Ion Mobility Tandem Mass Spectrometry Enhances Performance of Bottom-up Proteomics. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 3709-3715.	3.8	98
5	Scanning Quadrupole Data-Independent Acquisition, Part A: Qualitative and Quantitative Characterization. <i>Journal of Proteome Research</i> , 2018, 17, 770-779.	3.7	62
6	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
7	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
8	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
9	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
10	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
11	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
12	Mapping Isomeric Peptides Derived from Biopharmaceuticals Using High-Resolution Ion Mobility Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 16379-16384.	6.5	9
13	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
14	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
15	<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