

Jeremy A Barry

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

895
citations

840728

11
h-index

1199563

12
g-index

14
all docs

14
docs citations

14
times ranked

1115
citing authors

#	ARTICLE	IF	CITATIONS
1	MSiReader: An Open-Source Interface to View and Analyze High Resolving Power MS Imaging Files on Matlab Platform. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 718-721.	2.8	339
2	IR-MALDESI Mass Spectrometry Imaging of Biological Tissue Sections Using Ice as a Matrix. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 319-328.	2.8	119
3	Infrared Matrix-Assisted Laser Desorption Electrospray Ionization (IR-MALDESI) Imaging Source Coupled to a FT-ICR Mass Spectrometer. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 92-100.	2.8	106
4	Multicenter Validation Study of Quantitative Imaging Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 6266-6274.	6.5	51
5	Assessing drug and metabolite detection in liver tissue by UV-MALDI and IR-MALDESI mass spectrometry imaging coupled to FT-ICR MS. <i>International Journal of Mass Spectrometry</i> , 2015, 377, 448-455.	1.5	50
6	Direct Analysis of Textile Fabrics and Dyes Using Infrared Matrix-Assisted Laser Desorption Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 831-836.	6.5	46
7	Mapping Antiretroviral Drugs in Tissue by IR-MALDESI MSI Coupled to the Q Exactive and Comparison with LC-MS/MS SRM Assay. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 2038-2047.	2.8	44
8	Quantification and assessment of detection capability in imaging mass spectrometry using a revised mimetic tissue model. <i>Bioanalysis</i> , 2019, 11, 1099-1116.	1.5	39
9	Global optimization of the infrared matrix-assisted laser desorption electrospray ionization (IR) in Mass Spectrometry, 2011, 25, 3527-3536.	1.5	38
10	Mass Recalibration of FT-ICR Mass Spectrometry Imaging Data Using the Average Frequency Shift of Ambient Ions. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 1137-1145.	2.8	21
11	Analysis of trace fibers by IR-MALDESI imaging coupled with high resolving power MS. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 813-820.	3.7	20
12	Revised Preparation of a Mimetic Tissue Model for Quantitative Imaging Mass Spectrometry. <i>Protocol Exchange</i> , 0, , .	0.3	13
13	Analysis of unstable degradation impurities of a benzodiazepine and their quantification without isolation using multiple linear regression. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 167, 1-6.	2.8	5