

Gregory F Brabeck

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

159
citations

1478505

6
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

59
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping ion stability in digitally driven ion traps and guides. International Journal of Mass Spectrometry, 2014, 364, 1-8.	1.5	37
2	Mapping the pseudopotential well for all values of the Mathieu parameter q in digital and sinusoidal ion traps. International Journal of Mass Spectrometry, 2015, 392, 86-90.	1.5	28
3	Computational Analysis of Quadrupole Mass Filters Employing Nontraditional Waveforms. Journal of the American Society for Mass Spectrometry, 2016, 27, 1122-1127.	2.8	24
4	Development of MS ⁿ in Digitally Operated Linear Ion Guides. Analytical Chemistry, 2014, 86, 7757-7763.	6.5	18
5	Digital Waveform Technology and the Next Generation of Mass Spectrometers. Journal of the American Society for Mass Spectrometry, 2018, 29, 331-341.	2.8	17
6	Methodology and Characterization of Isolation and Preconcentration in a Gas-Filled Digital Linear Ion Guide. Analytical Chemistry, 2017, 89, 4287-4293.	6.5	14
7	Characterization of quadrupole mass filters operated with frequency-asymmetric and amplitude-asymmetric waveforms. International Journal of Mass Spectrometry, 2016, 404, 8-13.	1.5	7
8	Tutorial and comprehensive computational study of acceptance and transmission of sinusoidal and digital ion guides. Journal of Mass Spectrometry, 2019, 54, 857-868.	1.6	6
9	Simulation of instantaneous changes in ion motion with waveform duty cycle. International Journal of Mass Spectrometry, 2019, 441, 8-13.	1.5	5
10	Influence of the RF drive potential on the acceptance behavior of pure quadrupole mass filters operated in stability zones A and B. International Journal of Mass Spectrometry, 2020, 450, 116303.	1.5	3