

Jürgen H. Gross

List of Publications by Year in descending order

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21
papers

759
citations

759233

12
h-index

888059

17
g-index

25
all docs

25
docs citations

25
times ranked

979
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct analysis in real time—a critical review on DART-MS. Analytical and Bioanalytical Chemistry, 2014, 406, 63-80.	3.7	365
2	Liquid injection field desorption/ionization of reactive transition metal complexes. Analytical and Bioanalytical Chemistry, 2006, 386, 52-58.	3.7	69
3	Molecular ions of ionic liquids in the gas phase. Journal of the American Society for Mass Spectrometry, 2008, 19, 1347-1352.	2.8	67
4	Gold-catalyzed C(sp ²)–C(sp) Coupling by Alkynylation through Oxidative Addition of Bromoalkynes. Chemistry - A European Journal, 2019, 25, 9624-9628.	3.3	47
5	Liquid injection field desorption/ionization-mass spectrometry of ionic liquids. Journal of the American Society for Mass Spectrometry, 2007, 18, 2254-2262.	2.8	37
6	Analysis of Silicones Released from Household Items and Baby Articles by Direct Analysis in Real Time-Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2015, 26, 511-521.	2.8	30
7	Polydimethylsiloxane-based wide-range mass calibration for direct analysis in real-time mass spectrometry. Analytical and Bioanalytical Chemistry, 2013, 405, 8663-8668.	3.7	29
8	High-mass cluster ions of ionic liquids in positive-ion and negative-ion DART-MS and their application for wide-range mass calibrations. Analytical and Bioanalytical Chemistry, 2014, 406, 2853-2862.	3.7	19
9	Reduced fragmentation in liquid injection field desorption/ionization Fourier transform ion cyclotron resonance mass spectrometry by use of helium for the thermalization of molecular ions. Rapid Communications in Mass Spectrometry, 2012, 26, 336-344.	1.5	18
10	Self-Supplied Liquid Injection Field Desorption/Ionization Ion Source for an Orthogonal Time-of-Flight Instrument. Journal of the American Society for Mass Spectrometry, 2019, 30, 2358-2368.	2.8	16
11	From the discovery of field ionization to field desorption and liquid injection field desorption/ionization-mass spectrometry—A journey from principles and applications to a glimpse into the future. European Journal of Mass Spectrometry, 2020, 26, 241-273.	1.0	16
12	Polydimethylsiloxane Extraction from Silicone Rubber into Baked Goods Detected by Direct Analysis in Real-Time Mass Spectrometry. European Journal of Mass Spectrometry, 2015, 21, 313-319.	1.0	13
13	Detection of polydimethylsiloxanes transferred from silicone-coated parchment paper to baked goods using direct analysis in real time mass spectrometry. Journal of Mass Spectrometry, 2016, 51, 298-304.	1.6	12
14	Negative-ion field desorption revitalized by using liquid injection field desorption/ionization-mass spectrometry on recent instrumentation. Analytical and Bioanalytical Chemistry, 2021, 413, 6845-6855.	3.7	7
15	Improved procedure for dendrimer-based mass calibration in matrix-assisted laser desorption/ionization-time-of-flight-mass spectrometry. Analytical and Bioanalytical Chemistry, 2016, 408, 5945-5951.	3.7	6
16	High-Mass Capabilities of Positive-Ion and Negative-Ion Direct Analysis in Real Time Mass Spectrometry. European Journal of Mass Spectrometry, 2016, 22, 43-48.	1.0	5
17	Saccharose cluster ions as mass calibrants in positive-ion direct analysis in real time-mass spectrometry. European Journal of Mass Spectrometry, 2020, 26, 324-331.	1.0	2
18	Electron Ionization and Chemical Ionization. , 2018, , 334-334.		1

#	ARTICLE	IF	CITATIONS
19	Reply to the Comment on: "Analysis of Silicones Released from Household Items and Baby Articles by Direct Analysis in Real Time-Mass Spectrometry" by Jürgen H. Gross. <i>J. Am. Soc. Mass Spectrom.</i> 26, 511-521 (2015). <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 1433-1434.	2.8	0
20	Poly(2-vinylpyridine) as a reference compound for mass calibration in positive-ion matrix-assisted laser desorption/ionization-mass spectrometry on different instrumental platforms. <i>European Journal of Mass Spectrometry</i> , 2021, 27, 146906672110557.	1.0	0
21	ESI and tandem MS for mechanistic studies with high-valent transition metal species. <i>Dalton Transactions</i> , 2022, 51, 8625-8639.	3.3	0