Julia Laskin

List of Publications by Year
in descending order

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353 papers	16,777 citations	13068 68 h-index	22764 112 g-index
379 all docs	379 docs citations	379 times ranked	12361 citing authors

#	Article	IF	Citations
1	Skeletal muscle undergoes fiber type metabolic switch without myosin heavy chain switch in response to defective fatty acid oxidation. Molecular Metabolism, 2022, 59, 101456.	3.0	22
2	Atomically Precise Core-Tailored Metal Chalcogenide Nanoclusters: Tuning the Electronic Structure and Magnetic Properties. Journal of Physical Chemistry C, 2022, 126, 6512-6522.	1.5	3
3	Proteoformâ€Selective Imaging of Tissues Using Mass Spectrometry**. Angewandte Chemie - International Edition, 2022, 61, .	7.2	22
4	Enhancement of lipid signals with ammonium fluoride in negative mode Nano-DESI mass spectrometry imaging. International Journal of Mass Spectrometry, 2022, 478, 116859.	0.7	6
5	InnenrÃ¼cktitelbild: Proteoformâ€Selective Imaging of Tissues Using Mass Spectrometry (Angew. Chem.) Tj ETQq1 1 0.784314 rgBT /C	1.6	0
6	Potentiometric Determination of Zinc in Supplement Tablets Using a Ca-Ion Selective Electrode. Journal of Chemical Education, 2022, 99, 2661-2666.	1.1	6
7	High-Throughput Nano-DESI Mass Spectrometry Imaging of Biological Tissues Using an Integrated Microfluidic Probe. Analytical Chemistry, 2022, 94, 9690-9696.	3.2	16
8	Designing New Metal Chalcogenide Nanoclusters through Atomâ€byâ€Atom Substitution. Small, 2021, 17, e2002927.	5.2	7
9	Discovery and Supramolecular Interactions of Neutral Palladiumâ€Oxo Clusters Pd 16 and Pd 24. Angewandte Chemie, 2021, 133, 3676-3683.	1.6	9
10	CpG preconditioning reduces accumulation of lysophosphatidylcholine in ischemic brain tissue after middle cerebral artery occlusion. Analytical and Bioanalytical Chemistry, 2021, 413, 2735-2745.	1.9	15
11	Confronting Racism in Chemistry Journals. ACS ES&T Engineering, 2021, 1, 3-5.	3.7	0
12	Discovery and Supramolecular Interactions of Neutral Palladiumâ€Oxo Clusters Pd₁₆and Pd₂₄. Angewandte Chemie - International Edition, 2021, 60, 3632-3639.	7.2	24
13	Confronting Racism in Chemistry Journals. ACS ES&T Water, 2021, 1, 3-5.	2.3	0
14	Deep Learning Approach for Dynamic Sparse Sampling for High-Throughput Mass Spectrometry Imaging. IS&T International Symposium on Electronic Imaging, 2021, 33, 290-1-290-7.	0.3	8
15	Imaging and Analysis of Isomeric Unsaturated Lipids through Online Photochemical Derivatization of Carbonâ€“Carbon Double Bonds**. Angewandte Chemie, 2021, 133, 7637-7641.	1.6	24
16	Spatial Segmentation of Mass Spectrometry Imaging Data by Combining Multivariate Clustering and Univariate Thresholding. Analytical Chemistry, 2021, 93, 3477-3485.	3.2	23
17	Imaging and Analysis of Isomeric Unsaturated Lipids through Online Photochemical Derivatization of Carbonâ€“Carbon Double Bonds**. Angewandte Chemie - International Edition, 2021, 60, 7559-7563.	7.2	58
18	Ion Mobility Spectrometry Characterization of the Intermediate Hydrogen-Containing Gold Cluster Au₇(PPh₃)₇H₅²⁺. Journal of Physical Chemistry Letters, 2021, 12, 2502-2508.	2.1	11

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19	Innentitelbild: Imaging and Analysis of Isomeric Unsaturated Lipids through Online Photochemical Derivatization of Carbonâ€“Carbon Double Bonds (Angew. Chem. 14/2021). Angewandte Chemie, 2021, 133, 7526-7526.	1.6	0
20	Quantitative Mass Spectrometry Imaging of Biological Systems. Annual Review of Physical Chemistry, 2021, 72, 307-329.	4.8	78
21	Catalytic Pyrolysis of Lignin Model Compounds (Pyrocatechol, Guaiacol, Vanillic and Ferulic Acids) over Nanoceria Catalyst for Biomass Conversion. Applied Sciences (Switzerland), 2021, 11, 7205.	1.3	9
22	Multiplexing of Electrospray Ionization Sources Using Orthogonal Injection into an Electrodynamic Ion Funnel. Analytical Chemistry, 2021, 93, 11576-11584.	3.2	22
23	High-resolution imaging and identification of biomolecules using Nano-DESI coupled to ion mobility spectrometry. Analytica Chimica Acta, 2021, 1186, 339085.	2.6	31
24	Design and Performance of a Soft-Landing Instrument for Fragment Ion Deposition. Analytical Chemistry, 2021, 93, 14489-14496.	3.2	18
25	Discovery of a Neutral 40-Pd^{II}-Oxo Molecular Disk, [Pd₄₀O₂₄(OH)₁₆{(CH₃)₂AsO₂}₁₆]: Synthesis, Structural Characterization, and Catalytic Studies. Inorganic Chemistry, 2021, 60, 17339-17347.	1.9	16
26	Self-supervised clustering of mass spectrometry imaging data using contrastive learning. Chemical Science, 2021, 13, 90-98.	3.7	10
27	Imaging of triglycerides in tissues using nanospray desorption electrospray ionization (Nano-DESI) mass spectrometry. International Journal of Mass Spectrometry, 2020, 448, 116269.	0.7	26
28	Confronting Racism in Chemistry Journals. ACS Pharmacology and Translational Science, 2020, 3, 559-561.	2.5	0
29	Confronting Racism in Chemistry Journals. Biochemistry, 2020, 59, 2313-2315.	1.2	0
30	Confronting Racism in Chemistry Journals. Langmuir, 2020, 36, 7155-7157.	1.6	0
31	35th ASMS Asilomar Conference on Mass Spectrometry. Mass Spectrometry Imaging: New Developments and Applications. Journal of the American Society for Mass Spectrometry, 2020, 31, 2390-2391.	1.2	0
32	Editorial Confronting Racism in Chemistry Journals. , 2020, 2, 829-831.		0
33	Properties of gaseous closo-[B₆X₆]^{2â^’} dianions (X = Cl, Br,) Tj ETQq1 1 0.784314 rgBT	1.3	12
34	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry Letters, 2020, 11, 5279-5281.	2.1	1
35	Principles of Operation of a Rotating Wall Mass Analyzer for Preparative Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2020, 31, 1875-1884.	1.2	6
36	An Integrated Microfluidic Probe for Mass Spectrometry Imaging of Biological Samples**. Angewandte Chemie - International Edition, 2020, 59, 22388-22391.	7.2	26

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37	Confronting Racism in Chemistry Journals. ACS Applied Energy Materials, 2020, 3, 6016-6018.	2.5	0
38	Confronting Racism in Chemistry Journals. ACS Central Science, 2020, 6, 1012-1014.	5.3	1
39	Confronting Racism in Chemistry Journals. Industrial & Engineering Chemistry Research, 2020, 59, 11915-11917.	1.8	0
40	Ion Mobility-Mass Spectrometry Imaging Workflow. Journal of the American Society for Mass Spectrometry, 2020, 31, 2437-2442.	1.2	22
41	Confronting Racism in Chemistry Journals. Journal of Natural Products, 2020, 83, 2057-2059.	1.5	0
42	Confronting Racism in Chemistry Journals. ACS Medicinal Chemistry Letters, 2020, 11, 1354-1356.	1.3	0
43	Direct functionalization of Câ^'H bonds by electrophilic anions. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23374-23379.	3.3	21
44	An Integrated Microfluidic Probe for Mass Spectrometry Imaging of Biological Samples**. Angewandte Chemie, 2020, 132, 22574-22577.	1.6	4
45	Confronting Racism in Chemistry Journals. Journal of the American Society for Mass Spectrometry, 2020, 31, 1321-1323.	1.2	1
46	Confronting Racism in Chemistry Journals. Energy & Fuels, 2020, 34, 7771-7773.	2.5	0
47	Confronting Racism in Chemistry Journals. ACS Sensors, 2020, 5, 1858-1860.	4.0	0
48	Confronting Racism in Chemistry Journals. ACS Nano, 2020, 14, 7675-7677.	7.3	2
49	Confronting Racism in Chemistry Journals. Journal of Chemical Theory and Computation, 2020, 16, 4003-4005.	2.3	0
50	Confronting Racism in Chemistry Journals. Journal of Organic Chemistry, 2020, 85, 8297-8299.	1.7	0
51	Confronting Racism in Chemistry Journals. Analytical Chemistry, 2020, 92, 8625-8627.	3.2	0
52	Confronting Racism in Chemistry Journals. Journal of Chemical Education, 2020, 97, 1695-1697.	1.1	0
53	Confronting Racism in Chemistry Journals. Organic Process Research and Development, 2020, 24, 1215-1217.	1.3	0
54	Confronting Racism in Chemistry Journals. ACS Sustainable Chemistry and Engineering, 2020, 8, .	3.2	0

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55	Confronting Racism in Chemistry Journals. Chemistry of Materials, 2020, 32, 5369-5371.	3.2	0
56	Confronting Racism in Chemistry Journals. Chemical Research in Toxicology, 2020, 33, 1511-1513.	1.7	0
57	Confronting Racism in Chemistry Journals. Inorganic Chemistry, 2020, 59, 8639-8641.	1.9	0
58	Confronting Racism in Chemistry Journals. ACS Applied Nano Materials, 2020, 3, 6131-6133.	2.4	0
59	Confronting Racism in Chemistry Journals. ACS Applied Polymer Materials, 2020, 2, 2496-2498.	2.0	0
60	Confronting Racism in Chemistry Journals. ACS Chemical Biology, 2020, 15, 1719-1721.	1.6	0
61	Confronting Racism in Chemistry Journals. Organic Letters, 2020, 22, 4919-4921.	2.4	4
62	Confronting Racism in Chemistry Journals. ACS Applied Materials & Interfaces, 2020, 12, 28925-28927.	4.0	13
63	Confronting Racism in Chemistry Journals. Crystal Growth and Design, 2020, 20, 4201-4203.	1.4	1
64	Confronting Racism in Chemistry Journals. Chemical Reviews, 2020, 120, 5795-5797.	23.0	2
65	Confronting Racism in Chemistry Journals. ACS Catalysis, 2020, 10, 7307-7309.	5.5	1
66	Confronting Racism in Chemistry Journals. Biomacromolecules, 2020, 21, 2543-2545.	2.6	0
67	Confronting Racism in Chemistry Journals. Journal of Medicinal Chemistry, 2020, 63, 6575-6577.	2.9	0
68	Confronting Racism in Chemistry Journals. Macromolecules, 2020, 53, 5015-5017.	2.2	0
69	Confronting Racism in Chemistry Journals. Nano Letters, 2020, 20, 4715-4717.	4.5	5
70	Confronting Racism in Chemistry Journals. Organometallics, 2020, 39, 2331-2333.	1.1	0
71	Confronting Racism in Chemistry Journals. Journal of the American Chemical Society, 2020, 142, 11319-11321.	6.6	1
72	Preparative Mass Spectrometry Using a Rotatingâ€Wall Mass Analyzer. Angewandte Chemie, 2020, 132, 7785-7790.	1.6	1

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73	Confronting Racism in Chemistry Journals. Accounts of Chemical Research, 2020, 53, 1257-1259.	7.6	0
74	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry A, 2020, 124, 5271-5273.	1.1	0
75	Confronting Racism in Chemistry Journals. ACS Energy Letters, 2020, 5, 2291-2293.	8.8	0
76	Confronting Racism in Chemistry Journals. Journal of Chemical Information and Modeling, 2020, 60, 3325-3327.	2.5	0
77	Confronting Racism in Chemistry Journals. Journal of Proteome Research, 2020, 19, 2911-2913.	1.8	0
78	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry B, 2020, 124, 5335-5337.	1.2	1
79	Confronting Racism in Chemistry Journals. Bioconjugate Chemistry, 2020, 31, 1693-1695.	1.8	0
80	Confronting Racism in Chemistry Journals. ACS Synthetic Biology, 2020, 9, 1487-1489.	1.9	0
81	Confronting Racism in Chemistry Journals. Journal of Chemical & Engineering Data, 2020, 65, 3403-3405.	1.0	0
82	Preparative Mass Spectrometry Using a Rotatingâ€Wall Mass Analyzer. Angewandte Chemie - International Edition, 2020, 59, 7711-7716.	7.2	11
83	Confronting Racism in Chemistry Journals. ACS Biomaterials Science and Engineering, 2020, 6, 3690-3692.	2.6	1
84	Confronting Racism in Chemistry Journals. ACS Omega, 2020, 5, 14857-14859.	1.6	1
85	Molecular composition and photochemical lifetimes of brown carbon chromophores in biomass burning organic aerosol. Atmospheric Chemistry and Physics, 2020, 20, 1105-1129.	1.9	115
86	Confronting Racism in Chemistry Journals. ACS Applied Electronic Materials, 2020, 2, 1774-1776.	2.0	0
87	Confronting Racism in Chemistry Journals. Journal of Agricultural and Food Chemistry, 2020, 68, 6941-6943.	2.4	0
88	Confronting Racism in Chemistry Journals. ACS Earth and Space Chemistry, 2020, 4, 961-963.	1.2	0
89	Confronting Racism in Chemistry Journals. Environmental Science and Technology Letters, 2020, 7, 447-449.	3.9	0
90	Confronting Racism in Chemistry Journals. ACS Combinatorial Science, 2020, 22, 327-329.	3.8	0

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91	Confronting Racism in Chemistry Journals. ACS Infectious Diseases, 2020, 6, 1529-1531.	1.8	0
92	Confronting Racism in Chemistry Journals. ACS Applied Bio Materials, 2020, 3, 3925-3927.	2.3	0
93	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry C, 2020, 124, 14069-14071.	1.5	0
94	Confronting Racism in Chemistry Journals. ACS Macro Letters, 2020, 9, 1004-1006.	2.3	0
95	Confronting Racism in Chemistry Journals. Molecular Pharmaceutics, 2020, 17, 2229-2231.	2.3	1
96	Confronting Racism in Chemistry Journals. ACS Chemical Neuroscience, 2020, 11, 1852-1854.	1.7	1
97	Confronting Racism in Chemistry Journals. ACS Photonics, 2020, 7, 1586-1588.	3.2	0
98	Confronting Racism in Chemistry Journals. Environmental Science & Technology, 2020, 54, 7735-7737.	4.6	0
99	Confronting Racism in Chemistry Journals. Journal of Chemical Health and Safety, 2020, 27, 198-200.	1.1	0
100	Statistical detection of differentially abundant ions in mass spectrometry-based imaging experiments with complex designs. International Journal of Mass Spectrometry, 2019, 437, 49-57.	0.7	8
101	Gas-Phase Fragmentation of Host-Guest Complexes of Cyclodextrins and Polyoxometalates. Journal of the American Society for Mass Spectrometry, 2019, 30, 1934-1945.	1.2	17
102	Lipid Coverage in Nanospray Desorption Electrospray Ionization Mass Spectrometry Imaging of Mouse Lung Tissues. Analytical Chemistry, 2019, 91, 11629-11635.	3.2	44
103	Electroosmotic extraction coupled to mass spectrometry analysis of metabolites in live cells. Methods in Enzymology, 2019, 628, 293-307.	0.4	3
104	The human body at cellular resolution: the NIH Human Biomolecular Atlas Program. Nature, 2019, 574, 187-192.	13.7	393
105	Aqueous Photochemistry of Secondary Organic Aerosol of Î±-Pinene and Î±-Humulene in the Presence of Hydrogen Peroxide or Inorganic Salts. ACS Earth and Space Chemistry, 2019, 3, 2736-2746.	1.2	18
106	High spatial resolution imaging of biological tissues using nanospray desorption electrospray ionization mass spectrometry. Nature Protocols, 2019, 14, 3445-3470.	5.5	125
107	Influence of Interligand Interactions and Core-Charge Distribution on Gold Cluster Stability: Enthalpy Versus Entropy. Journal of Physical Chemistry C, 2019, 123, 24899-24911.	1.5	13
108	Properties of perhalogenated {closo-B₁₀} and {closo-B₁₁} multiply charged anions and a critical comparison with {closo-B₁₂} in the gas and the condensed phase. Physical Chemistry Chemical Physics, 2019, 21, 5903-5915.	1.3	24

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109	Design and Performance of a Dual-Polarity Instrument for Ion Soft Landing. Analytical Chemistry, 2019, 91, 5904-5912.	3.2	32
110	Liquidâ€“liquid phase separation and viscosity within secondary organic aerosol generated from diesel fuel vapors. Atmospheric Chemistry and Physics, 2019, 19, 12515-12529.	1.9	27
111	Gas phase fragmentation of adducts between dioxygen and closo-borate radical anions. International Journal of Mass Spectrometry, 2019, 436, 71-78.	0.7	5
112	Controlling the Activity and Stability of Electrochemical Interfaces Using Atom-by-Atom Metal Substitution of Redox Species. ACS Nano, 2019, 13, 458-466.	7.3	29
113	Effect of relative humidity on the composition of secondary organic aerosol from the oxidation of toluene. Atmospheric Chemistry and Physics, 2018, 18, 1643-1652.	1.9	64
114	High Spatial Resolution Imaging of Mouse Pancreatic Islets Using Nanospray Desorption Electrospray Ionization Mass Spectrometry. Analytical Chemistry, 2018, 90, 6548-6555.	3.2	76
115	Molecular composition of particulate matter emissions from dung and brushwood burning household cookstoves in Haryana, India. Atmospheric Chemistry and Physics, 2018, 18, 2461-2480.	1.9	69
116	Mass Spectrometry Analysis in Atmospheric Chemistry. Analytical Chemistry, 2018, 90, 166-189.	3.2	87
117	Towards High-Resolution Tissue Imaging Using Nanospray Desorption Electrospray Ionization Mass Spectrometry Coupled to Shear Force Microscopy. Journal of the American Society for Mass Spectrometry, 2018, 29, 316-322.	1.2	61
118	Reactive Uptake of Ammonia by Biogenic and Anthropogenic Organic Aerosols. ACS Symposium Series, 2018, , 127-147.	0.5	6
119	Molecular Characterization of Atmospheric Brown Carbon. ACS Symposium Series, 2018, , 261-274.	0.5	14
120	Comprehensive Molecular Characterization of Atmospheric Brown Carbon by High Resolution Mass Spectrometry with Electrospray and Atmospheric Pressure Photoionization. Analytical Chemistry, 2018, 90, 12493-12502.	3.2	148
121	Predicting the glass transition temperature and viscosity of secondary organic material using molecular composition. Atmospheric Chemistry and Physics, 2018, 18, 6331-6351.	1.9	116
122	Self-organizing layers from complex molecular anions. Nature Communications, 2018, 9, 1889.	5.8	43
123	Von isolierten Ionen zu mehrschichtigen funktionellen Materialien durch sanfte Landung von Ionen. Angewandte Chemie, 2018, 130, 16506-16521.	1.6	10
124	DRILL Interface Makes Ion Soft Landing Broadly Accessible for Energy Science and Applications. Batteries and Supercaps, 2018, 1, 97-101.	2.4	13
125	In Situ Infrared Spectroelectrochemistry for Understanding Structural Transformations of Precisely Defined Ions at Electrochemical Interfaces. Analytical Chemistry, 2018, 90, 10935-10942.	3.2	25
126	From Isolated Ions to Multilayer Functional Materials Using Ion Soft Landing. Angewandte Chemie - International Edition, 2018, 57, 16270-16284.	7.2	75

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127	Quantitative Extraction and Mass Spectrometry Analysis at a Single-Cell Level. Analytical Chemistry, 2018, 90, 7937-7945.	3.2	54
128	Aqueous Photochemistry of Secondary Organic Aerosol of Î±-Pinene and Î±-Humulene Oxidized with Ozone, Hydroxyl Radical, and Nitrate Radical. Journal of Physical Chemistry A, 2017, 121, 1298-1309.	1.1	51
129	Molecular Diversity of Sea Spray Aerosol Particles: Impact of Ocean Biology on Particle Composition and Hygroscopicity. CheM, 2017, 2, 655-667.	5.8	111
130	Reactive Landing of Gramicidin S and Ubiquitin Ions onto Activated Self-Assembled Monolayer Surfaces. Journal of the American Society for Mass Spectrometry, 2017, 28, 1304-1312.	1.2	9
131	Observing the real time formation of phosphine-ligated gold clusters by electrospray ionization mass spectrometry. Physical Chemistry Chemical Physics, 2017, 19, 17187-17198.	1.3	21
132	Ligand induced structural isomerism in phosphine coordinated gold clusters revealed by ion mobility mass spectrometry. Chemical Communications, 2017, 53, 7389-7392.	2.2	31
133	Constant-Distance Mode Nanospray Desorption Electrospray Ionization Mass Spectrometry Imaging of Biological Samples with Complex Topography. Analytical Chemistry, 2017, 89, 1131-1137.	3.2	57
134	Molecular Characterization of Organosulfur Compounds in Biodiesel and Diesel Fuel Secondary Organic Aerosol. Environmental Science & Technology, 2017, 51, 119-127.	4.6	74
135	Photochemistry of Products of the Aqueous Reaction of Methylglyoxal with Ammonium Sulfate. ACS Earth and Space Chemistry, 2017, 1, 522-532.	1.2	55
136	A Role for 2-Methyl Pyrrole in the Browning of 4-Oxopentanal and Limonene Secondary Organic Aerosol. Environmental Science & Technology, 2017, 51, 11048-11056.	4.6	17
137	Molecular Chemistry of Atmospheric Brown Carbon Inferred from a Nationwide Biomass Burning Event. Environmental Science & Technology, 2017, 51, 11561-11570.	4.6	215
138	LungMAP: The Molecular Atlas of Lung Development Program. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L733-L740.	1.3	162
139	Secondary organic aerosol from atmospheric photooxidationÂofÂindole. Atmospheric Chemistry and Physics, 2017, 17, 11605-11621.	1.9	21
140	Surface Ionization and Soft Landing Techniques in Mass Spectrometry. , 2017, , 344-352.		0
141	Lipidomics reveals dramatic lipid compositional changes in the maturing postnatal lung. Scientific Reports, 2017, 7, 40555.	1.6	67
142	Quantitative Mass Spectrometry Imaging of Molecules in Biological Systems. , 2017, , 43-72.		3
143	Softâ€•and reactive landing of ions onto surfaces: Concepts and applications. Mass Spectrometry Reviews, 2016, 35, 439-479.	2.8	67
144	Fabrication of electrocatalytic Ta nanoparticles by reactive sputtering and ion soft landing. Journal of Chemical Physics, 2016, 145, 174701.	1.2	14

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145	Soft Landing of Complex Ions for Studies in Catalysis and Energy Storage. Journal of Physical Chemistry C, 2016, 120, 23305-23322.	1.5	31
146	Molecular Characterization of Brown Carbon in Biomass Burning Aerosol Particles. Environmental Science & Technology, 2016, 50, 11815-11824.	4.6	237
147	Dynamics of Protonated Peptide Ion Collisions with Organic Surfaces: Consonance of Simulation and Experiment. Journal of Physical Chemistry Letters, 2016, 7, 3142-3150.	2.1	30
148	Trp53 deficient mice predisposed to preterm birth display region-specific lipid alterations at the embryo implantation site. Scientific Reports, 2016, 6, 33023.	1.6	17
149	In situ solid-state electrochemistry of mass-selected ions at well-defined electrodeâ€“electrolyte interfaces. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13324-13329.	3.3	23
150	Rational design of efficient electrodeâ€“electrolyte interfaces for solid-state energy storage using ion soft landing. Nature Communications, 2016, 7, 11399.	5.8	86
151	Optical properties and aging of light-absorbing secondary organic aerosol. Atmospheric Chemistry and Physics, 2016, 16, 12815-12827.	1.9	150
152	Molecular transformations of phenolic SOA during photochemical aging in the aqueous phase: competition among oligomerization, functionalization, and fragmentation. Atmospheric Chemistry and Physics, 2016, 16, 4511-4527.	1.9	92
153	Enabling re-executable workflows with near-realtime visualization, provenance capture and advanced querying for mass spectrometry data. , 2016, , .		0
154	Understanding ligand effects in gold clusters using mass spectrometry. Analyst, The, 2016, 141, 3573-3589.	1.7	47
155	Secondary Structures of Ubiquitin Ions Soft-Landed onto Self-Assembled Monolayer Surfaces. Journal of Physical Chemistry B, 2016, 120, 4927-4936.	1.2	13
156	Ambient Mass Spectrometry Imaging Using Direct Liquid Extraction Techniques. Analytical Chemistry, 2016, 88, 52-73.	3.2	137
157	Effect of viscosity on photodegradation rates in complex secondary organic aerosol materials. Physical Chemistry Chemical Physics, 2016, 18, 8785-8793.	1.3	76
158	Analysis of Organic Anionic Surfactants in Fine and Coarse Fractions of Freshly Emitted Sea Spray Aerosol. Environmental Science & Technology, 2016, 50, 2477-2486.	4.6	143
159	Charge retention of soft-landed phosphotungstate Keggin anions on self-assembled monolayers. Physical Chemistry Chemical Physics, 2016, 18, 9021-9028.	1.3	15
160	Surface-Induced Dissociation: A Unique Tool for Studying Energetics and Kinetics of the Gas-Phase Fragmentation of Large Ions. European Journal of Mass Spectrometry, 2015, 21, 377-389.	0.5	4
161	Effect of basic residue on the kinetics of peptide fragmentation examined using surface-induced dissociation combined with resonant ejection. International Journal of Mass Spectrometry, 2015, 391, 24-30.	0.7	2
162	Towards Adaptive, Streaming Analysis of X-ray Tomography Data. Synchrotron Radiation News, 2015, 28, 10-14.	0.2	5

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163	High-Resolution Mass Spectrometry and Molecular Characterization of Aqueous Photochemistry Products of Common Types of Secondary Organic Aerosols. Journal of Physical Chemistry A, 2015, 119, 2594-2606.	1.1	63
164	Soft landing of bare nanoparticles with controlled size, composition, and morphology. Nanoscale, 2015, 7, 3491-3503.	2.8	65
165	Ionâ€“surface collisions in mass spectrometry: Where analytical chemistry meets surface science. International Journal of Mass Spectrometry, 2015, 377, 188-200.	0.7	8
166	Chemistry of Atmospheric Brown Carbon. Chemical Reviews, 2015, 115, 4335-4382.	23.0	1,121
167	Aqueous Processing of Atmospheric Organic Particles in Cloud Water Collected via Aircraft Sampling. Environmental Science & Technology, 2015, 49, 8523-8530.	4.6	55
168	New approach for studying slow fragmentation kinetics in FT-ICR: Surface-induced dissociation combined with resonant ejection. International Journal of Mass Spectrometry, 2015, 378, 160-168.	0.7	5
169	Soft landing of bare PtRu nanoparticles for electrochemical reduction of oxygen. Nanoscale, 2015, 7, 12379-12391.	2.8	32
170	Cationic gold clusters ligated with differently substituted phosphines: effect of substitution on ligand reactivity and binding. Physical Chemistry Chemical Physics, 2015, 17, 14636-14646.	1.3	25
171	Molecular characterization of brown carbon (BrC) chromophores in secondary organic aerosol generated from photo-oxidation of toluene. Physical Chemistry Chemical Physics, 2015, 17, 23312-23325.	1.3	210
172	Gas-Phase Fragmentation Pathways of Mixed Addenda Keggin Anions: PMo12-nWnO40 3â€“ (n = 0â€“12). Journal of the American Society for Mass Spectrometry, 2015, 26, 1027-1035.	1.2	12
173	Design and performance of a high-flux electrospray ionization source for ion soft landing. Analyst, The, 2015, 140, 2957-2963.	1.7	44
174	Atmospheric Oxidation of Squalene: Molecular Study Using COBRA Modeling and High-Resolution Mass Spectrometry. Environmental Science & Technology, 2015, 49, 13304-13313.	4.6	30
175	Enhanced Raman scattering from aromatic dithiols electrosprayed into plasmonic nanojunctions. Faraday Discussions, 2015, 184, 339-357.	1.6	15
176	Revealing Brown Carbon Chromophores Produced in Reactions of Methylglyoxal with Ammonium Sulfate. Environmental Science & Technology, 2015, 49, 14257-14266.	4.6	149
177	Soft landing of mass-selected gold clusters: Influence of ion and ligand on charge retention and reactivity. International Journal of Mass Spectrometry, 2015, 377, 205-213.	0.7	10
178	Three-dimensional imaging of lipids and metabolites in tissues by nanospray desorption electrospray ionization mass spectrometry. Analytical and Bioanalytical Chemistry, 2015, 407, 2063-2071.	1.9	47
179	Imaging of Lipids and Metabolites Using Nanospray Desorption Electrospray Ionization Mass Spectrometry. Methods in Molecular Biology, 2015, 1203, 99-106.	0.4	10
180	Molecular Selectivity of Brown Carbon Chromophores. Environmental Science & Technology, 2014, 48, 12047-12055.	4.6	94

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181	Charge retention by organometallic dications on self-assembled monolayer surfaces. International Journal of Mass Spectrometry, 2014, 365-366, 187-193.	0.7	7
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