

Stephen J Blanksby

List of Publications by Year in descending order

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216
papers

10,142
citations

50170

46
h-index

43802

91
g-index

225
all docs

225
docs citations

225
times ranked

9302
citing authors

#	ARTICLE	IF	CITATIONS
1	Solvent-Mediated Proton-Transfer Catalysis of the Gas-Phase Isomerization of Ciprofloxacin Protomers. <i>Journal of the American Society for Mass Spectrometry</i> , 2022, 33, 347-354.	1.2	8
2	Accelerating Ozonolysis Reactions Using Supplemental RF-Activation of Ions in a Linear Ion Trap Mass Spectrometer. <i>Analytical Chemistry</i> , 2022, 94, 3897-3903.	3.2	2
3	Isomeric lipid signatures reveal compartmentalized fatty acid metabolism in cancer. <i>Journal of Lipid Research</i> , 2022, 63, 100223.	2.0	10
4	Variation in the Relative Isomer Abundance of Synthetic and Biologically Derived Phosphatidylethanolols and Its Consequences for Reliable Quantification. <i>Journal of Analytical Toxicology</i> , 2021, 45, 76-83.	1.7	20
5	Next-generation derivatization reagents optimized for enhanced product ion formation in photodissociation-mass spectrometry of fatty acids. <i>Analyst</i> , The, 2021, 146, 156-169.	1.7	23
6	Five <i>vs.</i> six membered-ring PAH products from reaction of <i>o</i> -methylphenyl radical and two C ₃ H ₄ isomers. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 14913-14924.	1.3	0
7	Apocryphal FADS2 activity promotes fatty acid diversification in cancer. <i>Cell Reports</i> , 2021, 34, 108738.	2.9	68
8	Laser Photodissociation Action Spectroscopy for the Wavelength-Dependent Evaluation of Photoligation Reactions. <i>Analytical Chemistry</i> , 2021, 93, 8091-8098.	3.2	3
9	Electrospray Ionization-Mass Spectrometry of Synthetic Polymers Functionalized with Carboxylic Acid End-Groups. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2123-2134.	1.2	3
10	Mass Spectrometry Imaging of Lipids with Isomer Resolution Using High-Pressure Ozone-Induced Dissociation. <i>Analytical Chemistry</i> , 2021, 93, 9826-9834.	3.2	47
11	Isomer-Resolved Imaging of Prostate Cancer Tissues Reveals Specific Lipid Unsaturation Profiles Associated With Lymphocytes and Abnormal Prostate Epithelia. <i>Frontiers in Endocrinology</i> , 2021, 12, 689600.	1.5	15
12	Reactivity Trends in the Gas-Phase Addition of Acetylene to the <i>N</i> -Protonated Aryl Radical Cations of Pyridine, Aniline, and Benzonitrile. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 537-547.	1.2	13
13	Localization of Carbon=C Carbon Double Bond and Cyclopropane Sites in Cardiolipins via Gas-Phase Charge Inversion Reactions. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 455-464.	1.2	19
14	Disentangling Lipid Isomers by High-Resolution Differential Ion Mobility Spectrometry/Ozone-Induced Dissociation of Metalated Species. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2827-2836.	1.2	9
15	Actinic Wavelength Action Spectroscopy of the IO ⁺ Reaction Intermediate. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 11939-11944.	2.1	1
16	Reactions of a distonic peroxy radical anion influenced by SOMO→HOMO conversion: an example of anion-directed channel switching. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 2130-2141.	1.3	9
17	Mapping Enzyme Activity on Tissue by Functional Mass Spectrometry Imaging. <i>Angewandte Chemie</i> , 2020, 132, 3883-3886.	1.6	8
18	Mapping Enzyme Activity on Tissue by Functional Mass Spectrometry Imaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3855-3858.	7.2	35

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19	Toward Complete Structure Elucidation of Glycerophospholipids in the Gas Phase through Charge Inversion Ion/Ion Chemistry. <i>Analytical Chemistry</i> , 2020, 92, 1219-1227.	3.2	55
20	Stepwise reduction of interlocked viologen-based complexes in the gas phase. <i>Chemical Communications</i> , 2020, 56, 13575-13578.	2.2	5
21	Enhancing detection and characterization of lipids using charge manipulation in electrospray ionization-tandem mass spectrometry. <i>Chemistry and Physics of Lipids</i> , 2020, 232, 104970.	1.5	17
22	Charge-switch derivatization of fatty acid esters of hydroxy fatty acids via gas-phase ion/ion reactions. <i>Analytica Chimica Acta</i> , 2020, 1129, 31-39.	2.6	17
23	Phosphoproteomic Analysis across the Yeast Life Cycle Reveals Control of Fatty Acyl Chain Length by Phosphorylation of the Fatty Acid Synthase Complex. <i>Cell Reports</i> , 2020, 32, 108024.	2.9	14
24	Innentitelbild: Unterscheidung von isomeren Sphingolipiden mittels kryogener Infrarotspektroskopie (Angew. Chem. 32/2020). <i>Angewandte Chemie</i> , 2020, 132, 13226-13226.	1.6	0
25	Unterscheidung von isomeren Sphingolipiden mittels kryogener Infrarotspektroskopie. <i>Angewandte Chemie</i> , 2020, 132, 13740-13744.	1.6	1
26	Discrimination between Protonation Isomers of Quinazoline by Ion Mobility and UV-Photodissociation Action Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 4226-4231.	2.1	24
27	Mass spectrometry as a tool to advance polymer science. <i>Nature Reviews Chemistry</i> , 2020, 4, 257-268.	13.8	41
28	Producing Cyclopropane Fatty Acid in Plant Leafy Biomass via Expression of Bacterial and Plant Cyclopropane Fatty Acid Synthases. <i>Frontiers in Plant Science</i> , 2020, 11, 30.	1.7	6
29	Proton Transfer Reactions for the Gas-Phase Separation, Concentration, and Identification of Cardiolipins. <i>Analytical Chemistry</i> , 2020, 92, 10847-10855.	3.2	7
30	Therapy-induced lipid uptake and remodeling underpin ferroptosis hypersensitivity in prostate cancer. <i>Cancer & Metabolism</i> , 2020, 8, 11.	2.4	63
31	Wavelength-gated photoreversible polymerization and topology control. <i>Chemical Science</i> , 2020, 11, 2834-2842.	3.7	23
32	Pushing the limits of single chain compaction analysis by observing specific size reductions <i>via</i> high resolution mass spectrometry. <i>Polymer Chemistry</i> , 2020, 11, 1696-1701.	1.9	2
33	Structural elucidation of hydroxy fatty acids by photodissociation mass spectrometry with photolabile derivatives. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8741.	0.7	13
34	Gas phase reactions of iodide and bromide anions with ozone: evidence for stepwise and reversible reactions. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 9982-9989.	1.3	12
35	Resolving Sphingolipid Isomers Using Cryogenic Infrared Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13638-13642.	7.2	22
36	Structural Elucidation of Ether Glycerophospholipids Using Gas-Phase Ion/Ion Charge Inversion Chemistry. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1093-1103.	1.2	14

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37	Barrierless Reactions of Three Benzonitrile Radical Cations with Ethylene. <i>Australian Journal of Chemistry</i> , 2020, 73, 705.	0.5	5
38	Introduction of a Fixed-Charge, Photolabile Derivative for Enhanced Structural Elucidation of Fatty Acids. <i>Analytical Chemistry</i> , 2019, 91, 9901-9909.	3.2	31
39	Product detection study of the gas-phase oxidation of methylphenyl radicals using synchrotron photoionisation mass spectrometry. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 17939-17949.	1.3	8
40	Combining Charge-Switch Derivatization with Ozone-Induced Dissociation for Fatty Acid Analysis. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 2135-2143.	1.2	28
41	Molecular Weight Growth in the Gas-Phase Reactions of Dehydroanilinium Radical Cations with Propene. <i>Journal of Physical Chemistry A</i> , 2019, 123, 8881-8892.	1.1	4
42	Analytical separations for lipids in complex, nonpolar lipidomes using differential mobility spectrometry. <i>Journal of Lipid Research</i> , 2019, 60, 1968-1978.	2.0	6
43	Selecting and identifying gas-phase protonation isomers of nicotine ⁺ using combined laser, ion mobility and mass spectrometry techniques. <i>Faraday Discussions</i> , 2019, 217, 453-475.	1.6	29
44	Mapping Unsaturation in Human Plasma Lipids by Data-Independent Ozone-Induced Dissociation. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1621-1630.	1.2	48
45	Generating Fatty Acid Profiles in the Gas Phase: Fatty Acid Identification and Relative Quantitation Using Ion/Ion Charge Inversion Chemistry. <i>Analytical Chemistry</i> , 2019, 91, 9032-9040.	3.2	35
46	Mapping the Compaction of Discrete Polymer Chains by Size Exclusion Chromatography Coupled to High-Resolution Mass Spectrometry. <i>Macromolecules</i> , 2019, 52, 2597-2606.	2.2	15
47	Structure elucidation of cyclohexene (9Z)-octadec-9-enyl ethers isolated from the leaves of <i>Uvaria cherreensis</i> (Annonaceae). <i>Tetrahedron</i> , 2019, 75, 2336-2342.	1.0	5
48	ZnO Colloid Crystal Facet-Type Determines both Au Photodeposition and Photocatalytic Activity. <i>ACS Applied Nano Materials</i> , 2019, 2, 7856-7869.	2.4	20
49	Reaction of ionised steryl esters with ozone in the gas phase. <i>Chemistry and Physics of Lipids</i> , 2019, 221, 198-206.	1.5	9
50	Experimental evidence for long-range stabilizing and destabilizing interactions between charge and radical sites in distonic ions. <i>International Journal of Mass Spectrometry</i> , 2019, 435, 195-203.	0.7	4
51	Gas-Phase Oxidation of the Protonated Uracil-5-yl Radical Cation. <i>Journal of Physical Chemistry A</i> , 2018, 122, 890-896.	1.1	4
52	Differential-Mobility Spectrometry of 1-Deoxysphingosine Isomers: New Insights into the Gas Phase Structures of Ionized Lipids. <i>Analytical Chemistry</i> , 2018, 90, 5343-5351.	3.2	31
53	Online Ozonolysis Combined with Ion Mobility-Mass Spectrometry Provides a New Platform for Lipid Isomer Analyses. <i>Analytical Chemistry</i> , 2018, 90, 1292-1300.	3.2	114
54	Distribution of Glycerophospholipids in the Adult Human Lens. <i>Biomolecules</i> , 2018, 8, 156.	1.8	5

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55	Gas-Phase Ion/Ion Reactions Involving Tris-Phenanthroline Alkaline Earth Metal Complexes as Charge Inversion Reagents for the Identification of Fatty Acids. <i>Analytical Chemistry</i> , 2018, 90, 12861-12869.	3.2	57
56	Comparing Positively and Negatively Charged Distonic Radical Ions in Phenylperoxyl Forming Reactions. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 1848-1860.	1.2	9
57	Mass Spectrometry Imaging with Isomeric Resolution Enabled by Ozone-Induced Dissociation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10530-10534.	7.2	143
58	Mass Spectrometry Imaging with Isomeric Resolution Enabled by Ozone-Induced Dissociation. <i>Angewandte Chemie</i> , 2018, 130, 10690-10694.	1.6	28
59	Forensic analysis of water-based lubricants using liquid extraction surface analysis high-resolution tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1629-1636.	0.7	4
60	Polyselenoureas via Multicomponent Polymerizations Using Elemental Selenium as Monomer. <i>ACS Macro Letters</i> , 2018, 7, 898-903.	2.3	22
61	Mass spectrometry-directed structure elucidation and total synthesis of ultra-long chain (O-acyl)- ω -hydroxy fatty acids. <i>Journal of Lipid Research</i> , 2018, 59, 1510-1518.	2.0	42
62	Discrimination of isobaric and isomeric lipids in complex mixtures by combining ultra-high pressure liquid chromatography with collision and ozone-induced dissociation. <i>International Journal of Mass Spectrometry</i> , 2018, 431, 27-36.	0.7	16
63	High-Pressure Ozone-Induced Dissociation for Lipid Structure Elucidation on Fast Chromatographic Timescales. <i>Analytical Chemistry</i> , 2017, 89, 4223-4229.	3.2	80
64	Investigation of the microbial communities colonizing prepainted steel used for roofing and walling. <i>MicrobiologyOpen</i> , 2017, 6, e00425.	1.2	4
65	Highly efficient gas-phase reactivity of protonated pyridine radicals with propene. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 31072-31084.	1.3	9
66	Radical Generation from the Gas-Phase Activation of Ionized Lipid Ozonides. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 1345-1358.	1.2	10
67	Evaluation of hindered amine light stabilisers and their N-chlorinated derivatives as antibacterial and antifungal additives for thermoset surface coatings. <i>Progress in Organic Coatings</i> , 2016, 99, 330-336.	1.9	8
68	Determination of ester position in isomeric (O-acyl)- ω -hydroxy fatty acids by ion trap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 2351-2359.	0.7	31
69	Elucidating the chemical structure of native 1-deoxysphingosine. <i>Journal of Lipid Research</i> , 2016, 57, 1194-1203.	2.0	42
70	Preparation of an ion with the highest calculated proton affinity: ortho-diethynylbenzene dianion. <i>Chemical Science</i> , 2016, 7, 6245-6250.	3.7	19
71	Sequential Collision- and Ozone-Induced Dissociation Enables Assignment of Relative Acyl Chain Position in Triacylglycerols. <i>Analytical Chemistry</i> , 2016, 88, 2685-2692.	3.2	59
72	Intersubject and Interday Variability in Human Tear and Meibum Lipidomes: A Pilot Study. <i>Ocular Surface</i> , 2016, 14, 43-48.	2.2	23

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73	Influence of Meibomian Gland Expression Methods on Human Lipid Analysis Results. <i>Ocular Surface</i> , 2016, 14, 49-55.	2.2	16
74	Formation and stability of gas-phase o-benzoquinone from oxidation of ortho-hydroxyphenyl: a combined neutral and distonic radical study. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 4320-4332.	1.3	24
75	Separation and Identification of Phosphatidylcholine Regioisomers by Combining Liquid Chromatography with a Fusion of Collision- and Ozone-Induced Dissociation. <i>European Journal of Mass Spectrometry</i> , 2015, 21, 191-200.	0.5	19
76	Photoinduced Intermolecular Cross-Linking of Gas Phase Triacylglycerol Lipid Ions. <i>European Journal of Mass Spectrometry</i> , 2015, 21, 287-296.	0.5	7
77	Radical Formation in the Gas-Phase Ozonolysis of Deprotonated Cysteine. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12947-12951.	7.2	9
78	Dissociation of proton-bound complexes reveals geometry and arrangement of double bonds in unsaturated lipids. <i>International Journal of Mass Spectrometry</i> , 2015, 390, 170-177.	0.7	8
79	Ultraviolet photodissociation action spectroscopy of the N-pyridinium cation. <i>Journal of Chemical Physics</i> , 2015, 142, 014301.	1.2	24
80	Experimental evidence for competitive N O and O C bond homolysis in gas-phase alkoxyamines. <i>International Journal of Mass Spectrometry</i> , 2015, 378, 38-47.	0.7	14
81	Ultraviolet photodissociation action spectroscopy of gas-phase protonated quinoline and isoquinoline cations. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 25882-25890.	1.3	23
82	Combining liquid chromatography with ozone-induced dissociation for the separation and identification of phosphatidylcholine double bond isomers. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 5053-5064.	1.9	29
83	Gas-Phase Chemical Separation of Phosphatidylcholine and Phosphatidylethanolamine Cations via Charge Inversion Ion/Ion Chemistry. <i>Analytical Chemistry</i> , 2015, 87, 11255-11262.	3.2	24
84	A rapid ambient ionization-mass spectrometry approach to monitoring the relative abundance of isomeric glycerophospholipids. <i>Scientific Reports</i> , 2015, 5, 9243.	1.6	41
85	No turnover in lens lipids for the entire human lifespan. <i>ELife</i> , 2015, 4, .	2.8	15
86	Sex-specific triacylglycerides are widely conserved in <i>Drosophila</i> and mediate mating behavior. <i>ELife</i> , 2014, 3, e01751.	2.8	44
87	Direct detection of brominated flame retardants from plastic e-waste using liquid extraction surface analysis mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 1203-1208.	0.7	16
88	Unimolecular reaction chemistry of a charge-tagged beta-hydroxyperoxyl radical. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 24954-24964.	1.3	9
89	Photodissociation of TEMPO-modified peptides: new approaches to radical-directed dissociation of biomolecules. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 4871.	1.3	21
90	Structural characterization of glycerophospholipids by combinations of ozone- and collision-induced dissociation mass spectrometry: the next step towards e-top-down-lipidomics. <i>Analyst</i> , 2014, 139, 204-214.	1.7	119

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91	Ambient ionisation mass spectrometry for the characterisation of polymers and polymer additives: A review. <i>Analytica Chimica Acta</i> , 2014, 808, 70-82.	2.6	35
92	Formation and Fragmentation of Unsaturated Fatty Acid $[M + 2H + Na]^+$ Ions: Stabilized Carbanions for Charge-Directed Fragmentation. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 237-247.	1.2	3
93	Characterization of acyl chain position in unsaturated phosphatidylcholines using differential mobility-mass spectrometry. <i>Journal of Lipid Research</i> , 2014, 55, 1668-1677.	2.0	100
94	Desorption electrospray ionisation mass spectrometry of stabilised polyesters reveals activation of hindered amine light stabilisers. <i>Polymer Degradation and Stability</i> , 2014, 99, 223-232.	2.7	14
95	Antibacterial anthranilic acid derivatives from <i>Geijera parviflora</i> . <i>FÃ-toterapÃ-Ãç</i> , 2014, 93, 62-66.	1.1	20
96	Characterising in situ activation and degradation of hindered amine light stabilisers using liquid extraction surface analysis-mass spectrometry. <i>Analytica Chimica Acta</i> , 2014, 808, 190-198.	2.6	16
97	Characterisation of sphingolipids in the human lens by thin layer chromatography-desorption electrospray ionisation mass spectrometry. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 1285-1291.	1.2	15
98	UV Photodissociation Action Spectroscopy of Haloanilinium Ions in a Linear Quadrupole Ion Trap Mass Spectrometer. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 932-940.	1.2	37
99	Does Addition of NO_2 to Carbon-Centered Radicals Yield RONO or RNO_2 ? An Investigation Using Distonic Radical Ions. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 481-492.	1.2	5
100	Ozone-Induced Dissociation of Conjugated Lipids Reveals Significant Reaction Rate Enhancements and Characteristic Odd-Electron Product Ions. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 286-296.	1.2	61
101	Characterisation of the ionic products arising from electron photodetachment of simple dicarboxylate dianions. <i>International Journal of Mass Spectrometry</i> , 2013, 351, 81-94.	0.7	3
102	Ultraviolet Photodissociation of the <i>N</i> -Methylpyridinium Ion: Action Spectroscopy and Product Characterization. <i>Journal of Physical Chemistry A</i> , 2013, 117, 10839-10846.	1.1	6
103	Hydroxyl radical formation in the gas phase oxidation of distonic 2-methylphenyl radical cations. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 20577.	1.3	16
104	Automated surface sampling of lipids from worn contact lenses coupled with tandem mass spectrometry. <i>Analyst</i> , 2013, 138, 1316-1320.	1.7	26
105	Gas-Phase Transformation of Phosphatidylcholine Cations to Structurally Informative Anions via Ion/Ion Chemistry. <i>Analytical Chemistry</i> , 2013, 85, 3752-3757.	3.2	28
106	Rapid differentiation of isomeric lipids by photodissociation mass spectrometry of fatty acid derivatives. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 805-815.	0.7	68
107	Switching radical stability by pH-induced orbital conversion. <i>Nature Chemistry</i> , 2013, 5, 474-481.	6.6	150
108	Surface analysis of lipids by mass spectrometry: More than just imaging. <i>Progress in Lipid Research</i> , 2013, 52, 329-353.	5.3	95

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109	Direct Observation of Photodissociation Products from Phenylperoxyl Radicals Isolated in the Gas Phase. <i>Journal of the American Chemical Society</i> , 2013, 135, 9010-9014.	6.6	20
110	Ultraviolet Action Spectroscopy of Iodine Labeled Peptides and Proteins in the Gas Phase. <i>Journal of Physical Chemistry A</i> , 2013, 117, 1228-1232.	1.1	22
111	A Comparison of Patient Matched Meibum and Tear Lipidomes. , 2013, 54, 7417.		121
112	Rapid Quantification of Free Cholesterol in Tears Using Direct Insertion/Electron Ionization Mass Spectrometry. , 2013, 54, 8027.		7
113	Reaction of Aromatic Peroxyl Radicals with Alkynes: A Mass Spectrometric and Computational Study Using the Distonic Radical Ion Approach. <i>Chemistry - an Asian Journal</i> , 2013, 8, 450-464.	1.7	9
114	Direct Detection of a Persistent Carbonyloxyl Radical in the Gas Phase. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9301-9304.	7.2	10
115	Time to Face the Fats: What Can Mass Spectrometry Reveal about the Structure of Lipids and Their Interactions with Proteins?. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 1441-1449.	1.2	24
116	Instability of the cellular lipidome with age. <i>Age</i> , 2012, 34, 935-947.	3.0	34
117	Using ambient ozone for assignment of double bond position in unsaturated lipids. <i>Analyst</i> , 2012, 137, 1100-1110.	1.7	57
118	Gas-phase reactions of aryl radicals with 2-butyne: experimental and theoretical investigation employing the N-methyl-pyridinium-4-yl radical cation. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 2417.	1.3	56
119	Isolation and characterization of charge-tagged phenylperoxyl radicals in the gas phase: direct evidence for products and pathways in low temperature benzene oxidation. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 16719.	1.3	33
120	Direct Lipid Profiling of Single Cells from Inkjet Printed Microarrays. <i>Analytical Chemistry</i> , 2012, 84, 9679-9683.	3.2	53
121	Differentiation of Complex Lipid Isomers by Radical-Directed Dissociation Mass Spectrometry. <i>Analytical Chemistry</i> , 2012, 84, 7525-7532.	3.2	135
122	Concerted HO ₂ Elimination from α -Aminoalkylperoxyl Free Radicals: Experimental and Theoretical Evidence from the Gas-Phase NH ₂ ⁺ CHCO ₂ ⁺ + O ₂ Reaction. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 805-811.	2.1	29
123	Comment on the Ionization Energy of B2F4. <i>Journal of Physical Chemistry A</i> , 2012, 116, 9214-9215.	1.1	5
124	Direct detection of additives and degradation products from polymers by liquid extraction surface analysis employing chip-based nanospray mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 412-418.	0.7	30
125	Clinical dyslipidaemia is associated with changes in the lipid composition and inflammatory properties of apolipoprotein-B-containing lipoproteins from women with type 2 diabetes. <i>Diabetologia</i> , 2012, 55, 1156-1166.	2.9	86
126	Paint Spray Mass Spectrometry for the Detection of Additives from Polymers on Conducting Surfaces. <i>Mass Spectrometry Letters</i> , 2012, 3, 25-28.	0.5	10

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127	Reactions of simple and peptidic alpha-carboxylate radical anions with dioxygen in the gas phase. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 16314.	1.3	45
128	Oxidation of 4-substituted TEMPO derivatives reveals modifications at the 1- and 4-positions. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4936.	1.5	47
129	Photoelectron Spectroscopic Study of the Oxyallyl Diradical. <i>Journal of Physical Chemistry A</i> , 2011, 115, 1634-1649.	1.1	43
130	Identification of phospholipids in human meibum by nano-electrospray ionisation tandem mass spectrometry. <i>Experimental Eye Research</i> , 2011, 92, 238-240.	1.2	59
131	Analysis of unsaturated lipids by ozone-induced dissociation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2011, 1811, 807-817.	1.2	109
132	Fatty Acid Uptake and Incorporation into Phospholipids in the Rat Lens. , 2011, 52, 804.		3
133	Desorption electrospray ionisation mass spectrometry reveals in situ modification of a hindered amine light stabiliser resulting from direct N-H bond cleavage. <i>Analyst</i> , 2011, 136, 904-912.	1.7	24
134	Bisresorcinol Derivatives from <i>Grevillea glauca</i> . <i>Helvetica Chimica Acta</i> , 2011, 94, 1812-1819.	1.0	4
135	Mass spectrometric study of the dissociation of Group XI metal complexes with fatty acids and glycerolipids: Ag ²⁺ and Cu ²⁺ ion formation in the presence of a double bond. <i>International Journal of Mass Spectrometry</i> , 2011, 299, 125-130.	0.7	9
136	Structural identification of hindered amine light stabilisers in coil coatings using electrospray ionisation tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2010, 45, 486-495.	0.7	25
137	Ozone-induced dissociation on a modified tandem linear ion-trap: Observations of different reactivity for isomeric lipids. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 1989-1999.	1.2	124
138	Imaging of human lens lipids by desorption electrospray ionization mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 2095-2104.	1.2	61
139	Production and isolation of ligated metal(IV) oxo ions by tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1142-1146.	0.7	6
140	Sphingolipid distribution changes with age in the human lens. <i>Journal of Lipid Research</i> , 2010, 51, 2753-2760.	2.0	66
141	Detection and Quantification of Tear Phospholipids and Cholesterol in Contact Lens Deposits: The Effect of Contact Lens Material and Lens Care Solution. , 2010, 51, 2843.		66
142	The Effect of Exercise on the Skeletal Muscle Phospholipidome of Rats Fed a High-Fat Diet. <i>International Journal of Molecular Sciences</i> , 2010, 11, 3954-3964.	1.8	14
143	Advances in Mass Spectrometry for Lipidomics. <i>Annual Review of Analytical Chemistry</i> , 2010, 3, 433-465.	2.8	307
144	Direct Observation of the Gas Phase Reaction of the Cyclohexyl Radical with Dioxygen Using a Distonic Radical Ion Approach. <i>Journal of Physical Chemistry A</i> , 2010, 114, 1446-1456.	1.1	41

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181			

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