Stephen J Blanksby

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Solvent-Mediated Proton-Transfer Catalysis of the Gas-Phase Isomerization of Ciprofloxacin Protomers. Journal of the American Society for Mass Spectrometry, 2022, 33, 347-354.	2.8	8
2	Accelerating Ozonolysis Reactions Using Supplemental RF-Activation of Ions in a Linear Ion Trap Mass Spectrometer. Analytical Chemistry, 2022, 94, 3897-3903.	6.5	2
3	Isomeric lipid signatures reveal compartmentalized fatty acid metabolism in cancer. Journal of Lipid Research, 2022, 63, 100223.	4.2	10
4	Variation in the Relative Isomer Abundance of Synthetic and Biologically Derived Phosphatidylethanols and Its Consequences for Reliable Quantification. Journal of Analytical Toxicology, 2021, 45, 76-83.	2.8	20
5	Next-generation derivatization reagents optimized for enhanced product ion formation in photodissociation-mass spectrometry of fatty acids. Analyst, The, 2021, 146, 156-169.	3.5	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. Physical Chemistry Chemical Physics, 2021, 23, 14913-14924.	2.8	0
7	Apocryphal FADS2 activity promotes fatty acid diversification in cancer. Cell Reports, 2021, 34, 108738.	6.4	68
8	Laser Photodissociation Action Spectroscopy for the Wavelength-Dependent Evaluation of Photoligation Reactions. Analytical Chemistry, 2021, 93, 8091-8098.	6.5	3
9	Electrospray Ionization-Mass Spectrometry of Synthetic Polymers Functionalized with Carboxylic Acid End-Groups. Journal of the American Society for Mass Spectrometry, 2021, 32, 2123-2134.	2.8	3
10	Mass Spectrometry Imaging of Lipids with Isomer Resolution Using High-Pressure Ozone-Induced Dissociation. Analytical Chemistry, 2021, 93, 9826-9834.	6.5	47
11	Isomer-Resolved Imaging of Prostate Cancer Tissues Reveals Specific Lipid Unsaturation Profiles Associated With Lymphocytes and Abnormal Prostate Epithelia. Frontiers in Endocrinology, 2021, 12, 689600.	3.5	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. Journal of the American Society for Mass Spectrometry, 2021, 32, 537-547.	2.8	13
13	Localization of Carbon–Carbon Double Bond and Cyclopropane Sites in Cardiolipins via Gas-Phase Charge Inversion Reactions. Journal of the American Society for Mass Spectrometry, 2021, 32, 455-464.	2.8	19
14	Disentangling Lipid Isomers by High-Resolution Differential Ion Mobility Spectrometry/Ozone-Induced Dissociation of Metalated Species. Journal of the American Society for Mass Spectrometry, 2021, 32, 2827-2836.	2.8	9
15	Actinic Wavelength Action Spectroscopy of the IO [–] Reaction Intermediate. Journal of Physical Chemistry Letters, 2021, 12, 11939-11944.	4.6	1
16	Reactions of a distonic peroxyl radical anion influenced by SOMO–HOMO conversion: an example of anion-directed channel switching. Physical Chemistry Chemical Physics, 2020, 22, 2130-2141.	2.8	9
17	Mapping Enzyme Activity on Tissue by Functional Mass Spectrometry Imaging. Angewandte Chemie, 2020, 132, 3883-3886.	2.0	8
18	Mapping Enzyme Activity on Tissue by Functional Mass Spectrometry Imaging. Angewandte Chemie - International Edition, 2020, 59, 3855-3858.	13.8	35

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19	Toward Complete Structure Elucidation of Glycerophospholipids in the Gas Phase through Charge Inversion Ion/Ion Chemistry. Analytical Chemistry, 2020, 92, 1219-1227.	6.5	55
20	Stepwise reduction of interlocked viologen-based complexes in the gas phase. Chemical Communications, 2020, 56, 13575-13578.	4.1	5
21	Enhancing detection and characterization of lipids using charge manipulation in electrospray ionization-tandem mass spectrometry. Chemistry and Physics of Lipids, 2020, 232, 104970.	3.2	17
22	Charge-switch derivatization of fatty acid esters of hydroxy fatty acids via gas-phase ion/ion reactions. Analytica Chimica Acta, 2020, 1129, 31-39.	5.4	17
23	Phosphoproteomic Analysis across the Yeast Life Cycle Reveals Control of Fatty Acyl Chain Length by Phosphorylation of the Fatty Acid Synthase Complex. Cell Reports, 2020, 32, 108024.	6.4	14
24	Innentitelbild: Unterscheidung von isomeren Sphingolipiden mittels kryogener Infrarotspektroskopie (Angew. Chem. 32/2020). Angewandte Chemie, 2020, 132, 13226-13226.	2.0	0
25	Unterscheidung von isomeren Sphingolipiden mittels kryogener Infrarotspektroskopie. Angewandte Chemie, 2020, 132, 13740-13744.	2.0	1
26	Discrimination between Protonation Isomers of Quinazoline by Ion Mobility and UV-Photodissociation Action Spectroscopy. Journal of Physical Chemistry Letters, 2020, 11, 4226-4231.	4.6	24
27	Mass spectrometry as a tool to advance polymer science. Nature Reviews Chemistry, 2020, 4, 257-268.	30.2	41
28	Producing Cyclopropane Fatty Acid in Plant Leafy Biomass via Expression of Bacterial and Plant Cyclopropane Fatty Acid Synthases. Frontiers in Plant Science, 2020, 11, 30.	3.6	6
29	Proton Transfer Reactions for the Gas-Phase Separation, Concentration, and Identification of Cardiolipins. Analytical Chemistry, 2020, 92, 10847-10855.	6.5	7
30	Therapy-induced lipid uptake and remodeling underpin ferroptosis hypersensitivity in prostate cancer. Cancer & Metabolism, 2020, 8, 11.	5.0	63
31	Wavelength-gated photoreversible polymerization and topology control. Chemical Science, 2020, 11, 2834-2842.	7.4	23
32	Pushing the limits of single chain compaction analysis by observing specific size reductions <i>via</i> high resolution mass spectrometry. Polymer Chemistry, 2020, 11, 1696-1701.	3.9	2
33	Structural elucidation of hydroxy fatty acids by photodissociation mass spectrometry with photolabile derivatives. Rapid Communications in Mass Spectrometry, 2020, 34, e8741.	1.5	13
34	Gas phase reactions of iodide and bromide anions with ozone: evidence for stepwise and reversible reactions. Physical Chemistry Chemical Physics, 2020, 22, 9982-9989.	2.8	12
35	Resolving Sphingolipid Isomers Using Cryogenic Infrared Spectroscopy. Angewandte Chemie - International Edition, 2020, 59, 13638-13642.	13.8	22
36	Structural Elucidation of Ether Glycerophospholipids Using Gas-Phase Ion/Ion Charge Inversion Chemistry. Journal of the American Society for Mass Spectrometry, 2020, 31, 1093-1103.	2.8	14

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37	Barrierless Reactions of Three Benzonitrile Radical Cations with Ethylene. Australian Journal of Chemistry, 2020, 73, 705.	0.9	5
38	Introduction of a Fixed-Charge, Photolabile Derivative for Enhanced Structural Elucidation of Fatty Acids. Analytical Chemistry, 2019, 91, 9901-9909.	6.5	31
39	Product detection study of the gas-phase oxidation of methylphenyl radicals using synchrotron photoionisation mass spectrometry. Physical Chemistry Chemical Physics, 2019, 21, 17939-17949.	2.8	8
40	Combining Charge-Switch Derivatization with Ozone-Induced Dissociation for Fatty Acid Analysis. Journal of the American Society for Mass Spectrometry, 2019, 30, 2135-2143.	2.8	28
41	Molecular Weight Growth in the Gas-Phase Reactions of Dehydroanilinium Radical Cations with Propene. Journal of Physical Chemistry A, 2019, 123, 8881-8892.	2.5	4
42	Analytical separations for lipids in complex, nonpolar lipidomes using differential mobility spectrometry. Journal of Lipid Research, 2019, 60, 1968-1978.	4.2	6
43	Selecting and identifying gas-phase protonation isomers of nicotineH ⁺ using combined laser, ion mobility and mass spectrometry techniques. Faraday Discussions, 2019, 217, 453-475.	3.2	29
44	Mapping Unsaturation in Human Plasma Lipids by Data-Independent Ozone-Induced Dissociation. Journal of the American Society for Mass Spectrometry, 2019, 30, 1621-1630.	2.8	48
45	Generating Fatty Acid Profiles in the Gas Phase: Fatty Acid Identification and Relative Quantitation Using Ion/Ion Charge Inversion Chemistry. Analytical Chemistry, 2019, 91, 9032-9040.	6.5	35
46	Mapping the Compaction of Discrete Polymer Chains by Size Exclusion Chromatography Coupled to High-Resolution Mass Spectrometry. Macromolecules, 2019, 52, 2597-2606.	4.8	15
47	Structure elucidation of cyclohexene (9Z)-octadec-9-enyl ethers isolated from the leaves of Uvaria cherrevensis (Annonaceae). Tetrahedron, 2019, 75, 2336-2342.	1.9	5
48	ZnO Colloid Crystal Facet-Type Determines both Au Photodeposition and Photocatalytic Activity. ACS Applied Nano Materials, 2019, 2, 7856-7869.	5.0	20
49	Reaction of ionised steryl esters with ozone in the gas phase. Chemistry and Physics of Lipids, 2019, 221, 198-206.	3.2	9
50	Experimental evidence for long-range stabilizing and destabilizing interactions between charge and radical sites in distonic ions. International Journal of Mass Spectrometry, 2019, 435, 195-203.	1.5	4
51	Gas-Phase Oxidation of the Protonated Uracil-5-yl Radical Cation. Journal of Physical Chemistry A, 2018, 122, 890-896.	2.5	4
52	Differential-Mobility Spectrometry of 1-Deoxysphingosine Isomers: New Insights into the Gas Phase Structures of Ionized Lipids. Analytical Chemistry, 2018, 90, 5343-5351.	6.5	31
53	Online Ozonolysis Combined with Ion Mobility-Mass Spectrometry Provides a New Platform for Lipid Isomer Analyses. Analytical Chemistry, 2018, 90, 1292-1300.	6.5	114
54	Distribution of Glycerophospholipids in the Adult Human Lens. Biomolecules, 2018, 8, 156.	4.0	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. Analytical Chemistry, 2018, 90, 12861-12869.	6.5	57
56	Comparing Positively and Negatively Charged Distonic Radical Ions in Phenylperoxyl Forming Reactions. Journal of the American Society for Mass Spectrometry, 2018, 29, 1848-1860.	2.8	9
57	Mass Spectrometry Imaging with Isomeric Resolution Enabled by Ozoneâ€Induced Dissociation. Angewandte Chemie - International Edition, 2018, 57, 10530-10534.	13.8	143
58	Mass Spectrometry Imaging with Isomeric Resolution Enabled by Ozoneâ€Induced Dissociation. Angewandte Chemie, 2018, 130, 10690-10694.	2.0	28
59	Forensic analysis of waterâ€based lubricants using liquid extraction surface analysis highâ€resolution tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2018, 32, 1629-1636.	1.5	4
60	Polyselenoureas via Multicomponent Polymerizations Using Elemental Selenium as Monomer. ACS Macro Letters, 2018, 7, 898-903.	4.8	22
61	Mass spectrometry-directed structure elucidation and total synthesis of ultra-long chain (O-acyl)-ï‰-hydroxy fatty acids. Journal of Lipid Research, 2018, 59, 1510-1518.	4.2	42
62	Discrimination of isobaric and isomeric lipids in complex mixtures by combining ultra-high pressure liquid chromatography with collision and ozone-induced dissociation. International Journal of Mass Spectrometry, 2018, 431, 27-36.	1.5	16
63	High-Pressure Ozone-Induced Dissociation for Lipid Structure Elucidation on Fast Chromatographic Timescales. Analytical Chemistry, 2017, 89, 4223-4229.	6.5	80
64	Investigation of the microbial communities colonizing prepainted steel used for roofing and walling. MicrobiologyOpen, 2017, 6, e00425.	3.0	4
65	Highly efficient gas-phase reactivity of protonated pyridine radicals with propene. Physical Chemistry Chemical Physics, 2017, 19, 31072-31084.	2.8	9
66	Radical Generation from the Gas-Phase Activation of Ionized Lipid Ozonides. Journal of the American Society for Mass Spectrometry, 2017, 28, 1345-1358.	2.8	10
67	Evaluation of hindered amine light stabilisers and their N-chlorinated derivatives as antibacterial and antifungal additives for thermoset surface coatings. Progress in Organic Coatings, 2016, 99, 330-336.	3.9	8
68	Determination of ester position in isomeric (<i>O</i> â€acyl)â€hydroxy fatty acids by ion trap mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 2351-2359.	1.5	31
69	Elucidating the chemical structure of native 1-deoxysphingosine. Journal of Lipid Research, 2016, 57, 1194-1203.	4.2	42
70	Preparation of an ion with the highest calculated proton affinity: ortho-diethynylbenzene dianion. Chemical Science, 2016, 7, 6245-6250.	7.4	19
71	Sequential Collision- and Ozone-Induced Dissociation Enables Assignment of Relative Acyl Chain Position in Triacylglycerols. Analytical Chemistry, 2016, 88, 2685-2692.	6.5	59
72	Intersubject and Interday Variability in Human Tear and Meibum Lipidomes: A Pilot Study. Ocular Surface, 2016, 14, 43-48.	4.4	23

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73	Influence of Meibomian Gland Expression Methods on Human Lipid Analysis Results. Ocular Surface, 2016, 14, 49-55.	4.4	16
74	Formation and stability of gas-phase o-benzoquinone from oxidation of ortho-hydroxyphenyl: a combined neutral and distonic radical study. Physical Chemistry Chemical Physics, 2016, 18, 4320-4332.	2.8	24
75	Separation and Identification of Phosphatidylcholine Regioisomers by Combining Liquid Chromatography with a Fusion of Collision- and Ozone-Induced Dissociation. European Journal of Mass Spectrometry, 2015, 21, 191-200.	1.0	19
76	Photoinduced Intermolecular Cross-Linking of Gas Phase Triacylglycerol Lipid Ions. European Journal of Mass Spectrometry, 2015, 21, 287-296.	1.0	7
77	Radical Formation in the Gasâ€Phase Ozonolysis of Deprotonated Cysteine. Angewandte Chemie - International Edition, 2015, 54, 12947-12951.	13.8	9
78	Dissociation of proton-bound complexes reveals geometry and arrangement of double bonds in unsaturated lipids. International Journal of Mass Spectrometry, 2015, 390, 170-177.	1.5	8
79	Ultraviolet photodissociation action spectroscopy of the N-pyridinium cation. Journal of Chemical Physics, 2015, 142, 014301.	3.0	24
80	Experimental evidence for competitive N O and O C bond homolysis in gas-phase alkoxyamines. International Journal of Mass Spectrometry, 2015, 378, 38-47.	1.5	14
81	Ultraviolet photodissociation action spectroscopy of gas-phase protonated quinoline and isoquinoline cations. Physical Chemistry Chemical Physics, 2015, 17, 25882-25890.	2.8	23
82	Combining liquid chromatography with ozone-induced dissociation for the separation and identification of phosphatidylcholine double bond isomers. Analytical and Bioanalytical Chemistry, 2015, 407, 5053-5064.	3.7	29
83	Gas-Phase Chemical Separation of Phosphatidylcholine and Phosphatidylethanolamine Cations via Charge Inversion Ion/Ion Chemistry. Analytical Chemistry, 2015, 87, 11255-11262.	6.5	24
84	A rapid ambient ionization-mass spectrometry approach to monitoring the relative abundance of isomeric glycerophospholipids. Scientific Reports, 2015, 5, 9243.	3.3	41
85	No turnover in lens lipids for the entire human lifespan. ELife, 2015, 4, .	6.0	15
86	Sex-specific triacylglycerides are widely conserved in Drosophila and mediate mating behavior. ELife, 2014, 3, e01751.	6.0	44
87	Direct detection of brominated flame retardants from plastic eâ€waste using liquid extraction surface analysis mass spectrometry. Rapid Communications in Mass Spectrometry, 2014, 28, 1203-1208.	1.5	16
88	Unimolecular reaction chemistry of a charge-tagged beta-hydroxyperoxyl radical. Physical Chemistry Chemical Physics, 2014, 16, 24954-24964.	2.8	9
89	Photodissociation of TEMPO-modified peptides: new approaches to radical-directed dissociation of biomolecules. Physical Chemistry Chemical Physics, 2014, 16, 4871.	2.8	21
90	Structural characterization of glycerophospholipids by combinations of ozone- and collision-induced dissociation mass spectrometry: the next step towards "top-down―lipidomics. Analyst, The, 2014, 139, 204-214.	3.5	119

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91	Ambient ionisation mass spectrometry for the characterisation of polymers and polymer additives: A review. Analytica Chimica Acta, 2014, 808, 70-82.	5.4	35
92	Formation and Fragmentation of Unsaturated Fatty Acid [M – 2H + Na]– Ions: Stabilized Carbanions for Charge-Directed Fragmentation. Journal of the American Society for Mass Spectrometry, 2014, 25, 237-247.	2.8	3
93	Characterization of acyl chain position in unsaturated phosphatidylcholines using differential mobility-mass spectrometry. Journal of Lipid Research, 2014, 55, 1668-1677.	4.2	100
94	Desorption electrospray ionisation mass spectrometry of stabilised polyesters reveals activation of hindered amine light stabilisers. Polymer Degradation and Stability, 2014, 99, 223-232.	5.8	14
95	Antibacterial anthranilic acid derivatives from Geijera parviflora. Fìtoterapìâ, 2014, 93, 62-66.	2.2	20
96	Characterising in situ activation and degradation of hindered amine light stabilisers using liquid extraction surface analysis-mass spectrometry. Analytica Chimica Acta, 2014, 808, 190-198.	5.4	16
97	Characterisation of sphingolipids in the human lens by thin layer chromatography–desorption electrospray ionisation mass spectrometry. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 1285-1291.	2.4	15
98	UV Photodissociation Action Spectroscopy of Haloanilinium Ions in a Linear Quadrupole Ion Trap Mass Spectrometer. Journal of the American Society for Mass Spectrometry, 2013, 24, 932-940.	2.8	37
99	Does Addition of NO ₂ to Carbon-Centered Radicals Yield RONO or RNO ₂ ? An Investigation Using Distonic Radical Ions. Journal of the American Society for Mass Spectrometry, 2013, 24, 481-492.	2.8	5
100	Ozone-Induced Dissociation of Conjugated Lipids Reveals Significant Reaction Rate Enhancements and Characteristic Odd-Electron Product Ions. Journal of the American Society for Mass Spectrometry, 2013, 24, 286-296.	2.8	61
101	Characterisation of the ionic products arising from electron photodetachment of simple dicarboxylate dianions. International Journal of Mass Spectrometry, 2013, 351, 81-94.	1.5	3
102	Ultraviolet Photodissociation of the <i>N</i> -Methylpyridinium Ion: Action Spectroscopy and Product Characterization. Journal of Physical Chemistry A, 2013, 117, 10839-10846.	2.5	6
103	Hydroxyl radical formation in the gas phase oxidation of distonic 2-methylphenyl radical cations. Physical Chemistry Chemical Physics, 2013, 15, 20577.	2.8	16
104	Automated surface sampling of lipids from worn contact lenses coupled with tandem mass spectrometry. Analyst, The, 2013, 138, 1316-1320.	3.5	26
105	Gas-Phase Transformation of Phosphatidylcholine Cations to Structurally Informative Anions via Ion/Ion Chemistry. Analytical Chemistry, 2013, 85, 3752-3757.	6.5	28
106	Rapid differentiation of isomeric lipids by photodissociation mass spectrometry of fatty acid derivatives. Rapid Communications in Mass Spectrometry, 2013, 27, 805-815.	1.5	68
107	Switching radical stability by pH-induced orbital conversion. Nature Chemistry, 2013, 5, 474-481.	13.6	150
108	Surface analysis of lipids by mass spectrometry: More than just imaging. Progress in Lipid Research, 2013, 52, 329-353.	11.6	95

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109	Direct Observation of Photodissociation Products from Phenylperoxyl Radicals Isolated in the Gas Phase. Journal of the American Chemical Society, 2013, 135, 9010-9014.	13.7	20
110	Ultraviolet Action Spectroscopy of Iodine Labeled Peptides and Proteins in the Gas Phase. Journal of Physical Chemistry A, 2013, 117, 1228-1232.	2.5	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. Chemistry - an Asian Journal, 2013, 8, 450-464.	3.3	9
114	Direct Detection of a Persistent Carbonyloxyl Radical in the Gas Phase. Angewandte Chemie - International Edition, 2013, 52, 9301-9304.	13.8	10
115	Time to Face the Fats: What Can Mass Spectrometry Reveal about the Structure of Lipids and Their Interactions with Proteins?. Journal of the American Society for Mass Spectrometry, 2012, 23, 1441-1449.	2.8	24
116	Instability of the cellular lipidome with age. Age, 2012, 34, 935-947.	3.0	34
117	Using ambient ozone for assignment of double bond position in unsaturated lipids. Analyst, The, 2012, 137, 1100-1110.	3.5	57
118	Gas-phase reactions of aryl radicals with 2-butyne: experimental and theoretical investigation employing the N-methyl-pyridinium-4-yl radical cation. Physical Chemistry Chemical Physics, 2012, 14, 2417.	2.8	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. Physical Chemistry Chemical Physics, 2012, 14, 16719.	2.8	33
120	Direct Lipid Profiling of Single Cells from Inkjet Printed Microarrays. Analytical Chemistry, 2012, 84, 9679-9683.	6.5	53
121	Differentiation of Complex Lipid Isomers by Radical-Directed Dissociation Mass Spectrometry. Analytical Chemistry, 2012, 84, 7525-7532.	6.5	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. Journal of Physical Chemistry Letters, 2012, 3, 805-811	4.6	29
123	Comment on the Ionization Energy of B2F4. Journal of Physical Chemistry A, 2012, 116, 9214-9215.	2.5	5
124	Direct detection of additives and degradation products from polymers by liquid extraction surface analysis employing chipâ€based nanospray mass spectrometry. Rapid Communications in Mass Spectrometry, 2012, 26, 412-418.	1.5	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. Diabetologia, 2012, 55, 1156-1166.	6.3	86
126	Paint Spray Mass Spectrometry for the Detection of Additives from Polymers on Conducting Surfaces. Mass Spectrometry Letters, 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. Physical Chemistry Chemical Physics, 2011, 13, 16314.	2.8	45
128	Oxidation of 4-substituted TEMPO derivatives reveals modifications at the 1- and 4-positions. Organic and Biomolecular Chemistry, 2011, 9, 4936.	2.8	47
129	Photoelectron Spectroscopic Study of the Oxyallyl Diradical. Journal of Physical Chemistry A, 2011, 115, 1634-1649.	2.5	43
130	Identification of phospholipids in human meibum by nano-electrospray ionisation tandem mass spectrometry. Experimental Eye Research, 2011, 92, 238-240.	2.6	59
131	Analysis of unsaturated lipids by ozone-induced dissociation. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2011, 1811, 807-817.	2.4	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–OR bond cleavage. Analyst, The, 2011, 136, 904-912.	3.5	24
134	Bisresorcinol Derivatives from <i>Grevillea glauca</i> . Helvetica Chimica Acta, 2011, 94, 1812-1819.	1.6	4
135	Mass spectrometric study of the dissociation of Group XI metal complexes with fatty acids and glycerolipids: Ag2H+ and Cu2H+ ion formation in the presence of a double bond. International Journal of Mass Spectrometry, 2011, 299, 125-130.	1.5	9
136	Structural identification of hindered amine light stabilisers in coil coatings using electrospray ionisation tandem mass spectrometry. Journal of Mass Spectrometry, 2010, 45, 486-495.	1.6	25
137	Ozone-induced dissociation on a modified tandem linear ion-trap: Observations of different reactivity for isomeric lipids. Journal of the American Society for Mass Spectrometry, 2010, 21, 1989-1999.	2.8	124
138	Imaging of human lens lipids by desorption electrospray ionization mass spectrometry. Journal of the American Society for Mass Spectrometry, 2010, 21, 2095-2104.	2.8	61
139	Production and isolation of ligated metal(IV)â€oxo ions by tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2010, 24, 1142-1146.	1.5	6
140	Sphingolipid distribution changes with age in the human lens. Journal of Lipid Research, 2010, 51, 2753-2760.	4.2	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. International Journal of Molecular Sciences, 2010, 11, 3954-3964.	4.1	14
143	Advances in Mass Spectrometry for Lipidomics. Annual Review of Analytical Chemistry, 2010, 3, 433-465.	5.4	307
144	Direct Observation of the Gas Phase Reaction of the Cyclohexyl Radical with Dioxygen Using a Distonic Radical Ion Approach. Journal of Physical Chemistry A, 2010, 114, 1446-1456.	2.5	41

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145	Prenylated Alkylbisphenols from <i>Grevillea whiteana</i> . Natural Product Communications, 2009, 4, 1934578X0900400.	0.5	2
146	The Lowest Singlet and Triplet States of the Oxyallyl Diradical. Angewandte Chemie - International Edition, 2009, 48, 8509-8511.	13.8	75
147	Prenylated bisresorcinols from Grevillea floribunda. Phytochemistry Letters, 2009, 2, 41-45.	1.2	9
148	Fragmentation pathways of 2,3â€dimethylâ€2,3â€dinitrobutane cations in the gas phase. Rapid Communications in Mass Spectrometry, 2009, 23, 2867-2877.	1.5	6
149	Identification of double bond position in lipids: From GC to OzID. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 2722-2735.	2.3	123
150	Ionâ^'Molecule Reactions of <i>O</i> , <i>S</i> -Dimethyl Methylphosphonothioate: Evidence for Intramolecular Sulfur Oxidation during VX Perhydrolysis. Journal of Organic Chemistry, 2009, 74, 9319-9327.	3.2	24
151	Identification of Abundant Alkyl Ether Glycerophospholipids in the Human Lens by Tandem Mass Spectrometry Techniques. Analytical Chemistry, 2009, 81, 1920-1930.	6.5	57
152	Ion–molecule reactions reveal facile radical migration in peptides. Chemical Communications, 2009, , 5015.	4.1	56
153	OnLine Ozonolysis Methods for the Determination of Double Bond Position in Unsaturated Lipids. Methods in Molecular Biology, 2009, 579, 413-441.	0.9	27
154	Prenylated alkylbisphenols from Grevillea whiteana. Natural Product Communications, 2009, 4, 951-8.	0.5	5
155	Phospholipid composition of the rat lens is independent of diet. Experimental Eye Research, 2008, 87, 502-514.	2.6	29
156	Human lens lipids differ markedly from those of commonly used experimental animals. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2008, 1781, 288-298.	2.4	142
157	Reactions of the hydroperoxide anion with dimethyl methylphosphonate in an ion trap mass spectrometer: evidence for a gas phase α-effect. Organic and Biomolecular Chemistry, 2008, 6, 2316.	2.8	49
158	Ozone-Induced Dissociation:  Elucidation of Double Bond Position within Mass-Selected Lipid Ions. Analytical Chemistry, 2008, 80, 303-311.	6.5	306
159	Base-Induced Decomposition of Alkyl Hydroperoxides in the Gas Phase. Part 3. Kinetics and Dynamics in HO ^{â^'} + CH ₃ OOH, C ₂ H ₅ OOH, and <i>tert</i> -C ₄ H ₉ OOH Reactions. Journal of Physical Chemistry A, 2008, 112, 9516-9525	2.5	17
160	Systematic differences in membrane acyl composition associated with varying body mass in mammals occur in all phospholipid classes: an analysis of kidney and brain. Journal of Experimental Biology, 2008, 211, 3195-3204.	1.7	19
161	Bisresorcinols and Arbutin Derivatives from Grevillea banksii R. Br. Natural Product Communications, 2008, 3, 1934578X0800300.	O.5	1
162	Differences in membrane acyl phospholipid composition between an endothermic mammal and an ectothermic reptile are not limited to any phospholipid class. Journal of Experimental Biology, 2007, 210, 3440-3450.	1.7	27

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