Jackie A Mosely

List of Publications by Year
in descending order

44	965	471509 17	434195 31
papers	citations	h-index	g-index

44	44	44	1419
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Circularly polarised luminescence in an RNA-based homochiral, self-repairing, coordination polymer hydrogel. Journal of Materials Chemistry C, 2022, 10, 7329-7335.	5.5	10
2	Peptide lipidation in lysophospholipid micelles and lysophospholipid-enriched membranes. Faraday Discussions, 2021, 232, 282-294.	3.2	1
3	Targeted Luminescent Europium Peptide Conjugates: Comparative Analysis Using Maleimide and para-Nitropyridyl Linkages for Organelle Staining. Bioconjugate Chemistry, 2020, 31, 229-240.	3.6	16
4	Far from Inert - Drug Lipidation in Membranes. Biophysical Journal, 2020, 118, 77a.	0.5	0
5	Lysis of membrane lipids promoted by small organic molecules: Reactivity depends on structure but not lipophilicity. Science Advances, 2020, 6, eaaz8598.	10.3	7
6	Lytic reactions of drugs with lipid membranes. Chemical Science, 2019, 10, 674-680.	7.4	8
7	A Link between Peptide Lipidation and Membrane Curvature Modulus. Biophysical Journal, 2019, 116, 20a-21a.	0.5	0
8	A Gadolinium Spin Label with Both a Narrow Central Transition and Short Tether for Use in Double Electron Electron Resonance Distance Measurements. Inorganic Chemistry, 2019, 58, 3015-3025.	4.0	39
9	The influence of cholesterol on melittin lipidation in neutral membranes. Physical Chemistry Chemical Physics, 2019, 21, 631-640.	2.8	7
10	Analysis of air-, moisture- and solvent-sensitive chemical compounds by mass spectrometry using an inert atmospheric pressure solids analysis probe. European Journal of Mass Spectrometry, 2018, 24, 74-80.	1.0	4
11	Changes in the Biophysics of Lipid Memrbanes Mediated by Peptides and Drugs. Biophysical Journal, 2018, 114, 258a.	0.5	0
12	Onâ€line reaction monitoring by mass spectrometry, modern approaches for the analysis of chemical reactions. Mass Spectrometry Reviews, 2018, 37, 565-579.	5.4	47
13	Functional and phylogenetic evidence of a bacterial origin for the first enzyme in sphingolipid biosynthesis in a phylum of eukaryotic protozoan parasites. Journal of Biological Chemistry, 2017, 292, 12208-12219.	3.4	20
14	Drug Lipidation in Membranes. Biophysical Journal, 2017, 112, 526a.	0.5	0
15	Understanding the Role of Peptide-Lipid Reactions in Biological Systems. Biophysical Journal, 2016, 110, 574a.	0.5	0
16	Amorphism and Thermal Decomposition of Salicylsalicylic Acidâ€”AÂCautionary Tale. Journal of Pharmaceutical Sciences, 2016, 105, 3073-3078.	3.3	0
17	The lipidation profile of aquaporin-0 correlates with the acyl composition of phosphoethanolamine lipids in lens membranes. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 2763-2768.	2.6	13
18	Characterisation of phosphorylated nucleotides by collisional and electronâ€based tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 2155-2163.	1.5	6

#	Article	IF	Citations
19	Understanding Molecular Complexity in Protein and Peptide-Lipid Systems. Biophysical Journal, 2015, 108, 552a.	0.5	0
20	BMSS@50: a community that continues to deliver British science. Rapid Communications in Mass Spectrometry, 2015, 29, 698-700.	1.5	0
21	Monomer Sequence Control via Living Anionic Copolymerization: Synthesis of Alternating, Statistical, and Telechelic Copolymers and Sequence Analysis by MALDI ToF Mass Spectrometry. Macromolecules, 2015, 48, 610-628.	4.8	77
22	Modification of a gas chromatography/atmospheric pressure chemical ionisation time-of-flight mass spectrometer as an alternative to automated atmospheric pressure solids analysis probe. Rapid Communications in Mass Spectrometry, 2014, 28, 2024-2030.	1.5	1
23	Peptide Lipidation by Acyl Transfer from Membrane Lipids and Lyso-Lipids. Biophysical Journal, 2014, 106, 296a.	0.5	0
24	Acyl Transfer from Membrane Lipids to Peptides Is a Generic Process. Journal of Molecular Biology, 2013, 425, 4379-4387.	4.2	10
25	Non-Enzymatic Acyl Transfer from Lipids to Peptides is a General Process. Biophysical Journal, 2013, 104, 236a.	0.5	0
26	High through-put and highly sensitive liquid chromatographyâ€“tandem mass spectrometry separations of essential amino acids using active flow technology chromatography columns. Journal of Chromatography A, 2013, 1305, 102-108.	3.7	18
27	Polymersome-forming amphiphilic glycosylated polymers: Synthesis and characterization. Journal of Polymer Science Part A, 2013, 51, 5184-5193.	2.3	19
28	Peptide-Lipid Reactivity in Membranes. Biophysical Journal, 2012, 102, 491a-492a.	0.5	0
29	The innate reactivity of a membrane associated peptide towards lipids: acyl transfer to melittin without enzyme catalysis. Organic and Biomolecular Chemistry, 2012, 10, 5371.	2.8	13
30	Evaluating Atmospheric pressure Solids Analysis Probe (ASAP) mass spectrometry for the analysis of low molecular weight synthetic polymers. Analyst, The, 2012, 137, 4524.	3.5	57
31	Using Electron Induced Dissociation (EID) on an LC Time-Scale to Characterize a Mixture of Analogous Small Organic Molecules. Journal of the American Society for Mass Spectrometry, 2012, 23, 850-857.	2.8	9
32	Electron-Induced Dissociation of Singly Charged Organic Cations as a Tool for Structural Characterization of Pharmaceutical Type Molecules. Analytical Chemistry, 2011, 83, 4068-4075.	6.5	34
33	The reproducibility of phospholipid analyses by MALDI-MSMS. Analyst, The, 2011, 136, 2598.	3.5	7
34	Acyl transfer from phosphocholinelipids to melittin. Chemical Communications, 2011, 47, 1422-1424.	4.1	13
35	Exploring Leishmania major Inositol Phosphorylceramide Synthase (LmjIPCS): Insights into the ceramide binding domain. Organic and Biomolecular Chemistry, 2011, 9, 1823.	2.8	31
36	Fluorescence quenched quinone methide based activity probes â€“ a cautionary tale. Organic and Biomolecular Chemistry, 2010, 8, 1610.	2.8	19

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37	A plate-based assay system for analyses and screening of the Leishmania major inositol phosphorylceramide synthase. International Journal of Biochemistry and Cell Biology, 2010, 42, 1553-1561.	2.8	25
38	The Synergistic Action of Melittin and Phospholipase A2 with Lipid Membranes: Development of Linear Dichroism for Membrane-Insertion Kinetics. Protein and Peptide Letters, 2010, 17, 1351-1362.	0.9	38
39	Surface features of a Mononegavirales matrix protein indicate sites of membrane interaction. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4441-4446.	7.1	80
40	The Synthesis and Oneâ€•and Twoâ€Photon Optical Properties of Dipolar, Quadrupolar and Octupolar Donorâ€“Acceptor Molecules Containing Dimesitylboryl Groups. Chemistry - A European Journal, 2009, 15, 198-208.	3.3	196
41	Syntheses, structures, two-photon absorption cross-sections and computed second hyperpolarisabilities of quadrupolar Aâ€“Iâ€“A systems containing E-dimesitylborylethenyl acceptors. Journal of Materials Chemistry, 2009, 19, 7532.	6.7	81
42	Electron-Capture Dissociation and Collision-Induced Dissociation of Lanthanide Metalâ€“Ligand Complexes and Lanthanide Metalâ€“Ligand Complexes Bound to Phosphopeptides. European Journal of Mass Spectrometry, 2009, 15, 145-155.	1.0	20
43	Sinorhizobium fredii HH103 cgs Mutants Are Unable to Nodulate Determinate- and Indeterminate Noduleâ€“Forming Legumes and Overproduce an Altered EPS. Molecular Plant-Microbe Interactions, 2009, 22, 575-588.	2.6	34
44	Letter: Target capture of argon by fullerene radical cations in high- energy collisions. European Journal of Mass Spectrometry, 1995, 1, 501.	0.7	5