

# Jackie A Mosely

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7040011/publications.pdf>

Version: 2024-02-01

44  
papers

965  
citations

471509

17  
h-index

434195

31  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1419  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Synthesis and One- and Two-Photon Optical Properties of Dipolar, Quadrupolar and Octupolar Donor-Acceptor Molecules Containing Dimesitylboryl Groups. <i>Chemistry - A European Journal</i> , 2009, 15, 198-208.	3.3	196
2	Syntheses, structures, two-photon absorption cross-sections and computed second hyperpolarisabilities of quadrupolar A <sup>+</sup> -A systems containing E-dimesitylborylethenyl acceptors. <i>Journal of Materials Chemistry</i> , 2009, 19, 7532.	6.7	81
3	Surface features of a <i>Mononegavirales</i> matrix protein indicate sites of membrane interaction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4441-4446.	7.1	80
4	Monomer Sequence Control via Living Anionic Copolymerization: Synthesis of Alternating, Statistical, and Telechelic Copolymers and Sequence Analysis by MALDI ToF Mass Spectrometry. <i>Macromolecules</i> , 2015, 48, 610-628.	4.8	77
5	Evaluating Atmospheric pressure Solids Analysis Probe (ASAP) mass spectrometry for the analysis of low molecular weight synthetic polymers. <i>Analyst</i> , 2012, 137, 4524.	3.5	57
6	Online reaction monitoring by mass spectrometry, modern approaches for the analysis of chemical reactions. <i>Mass Spectrometry Reviews</i> , 2018, 37, 565-579.	5.4	47
7	A Gadolinium Spin Label with Both a Narrow Central Transition and Short Tether for Use in Double Electron Electron Resonance Distance Measurements. <i>Inorganic Chemistry</i> , 2019, 58, 3015-3025.	4.0	39
8	The Synergistic Action of Melittin and Phospholipase A2 with Lipid Membranes: Development of Linear Dichroism for Membrane-Insertion Kinetics. <i>Protein and Peptide Letters</i> , 2010, 17, 1351-1362.	0.9	38
9	<i>Sinorhizobium fredii</i> HH103 cgs Mutants Are Unable to Nodulate Determinate- and Indeterminate Nodule-Forming Legumes and Overproduce an Altered EPS. <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 575-588.	2.6	34
10	Electron-Induced Dissociation of Singly Charged Organic Cations as a Tool for Structural Characterization of Pharmaceutical Type Molecules. <i>Analytical Chemistry</i> , 2011, 83, 4068-4075.	6.5	34
11	Exploring <i>Leishmania major</i> Inositol Phosphorylceramide Synthase (LmjIPCS): Insights into the ceramide binding domain. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1823.	2.8	31
12	A plate-based assay system for analyses and screening of the <i>Leishmania major</i> inositol phosphorylceramide synthase. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1553-1561.	2.8	25
13	Electron-Capture Dissociation and Collision-Induced Dissociation of Lanthanide Metal-Ligand Complexes and Lanthanide Metal-Ligand Complexes Bound to Phosphopeptides. <i>European Journal of Mass Spectrometry</i> , 2009, 15, 145-155.	1.0	20
14	Functional and phylogenetic evidence of a bacterial origin for the first enzyme in sphingolipid biosynthesis in a phylum of eukaryotic protozoan parasites. <i>Journal of Biological Chemistry</i> , 2017, 292, 12208-12219.	3.4	20
15	Fluorescence quenched quinone methide based activity probes - a cautionary tale. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1610.	2.8	19
16	Polymersome-forming amphiphilic glycosylated polymers: Synthesis and characterization. <i>Journal of Polymer Science Part A</i> , 2013, 51, 5184-5193.	2.3	19
17	High through-put and highly sensitive liquid chromatography-tandem mass spectrometry separations of essential amino acids using active flow technology chromatography columns. <i>Journal of Chromatography A</i> , 2013, 1305, 102-108.	3.7	18
18	Targeted Luminescent Europium Peptide Conjugates: Comparative Analysis Using Maleimide and <i>para</i> -Nitropyridyl Linkages for Organelle Staining. <i>Bioconjugate Chemistry</i> , 2020, 31, 229-240.	3.6	16

#	ARTICLE	IF	CITATIONS
19	Acyl transfer from phosphocholinelipids to melittin. <i>Chemical Communications</i> , 2011, 47, 1422-1424.	4.1	13
20	The innate reactivity of a membrane associated peptide towards lipids: acyl transfer to melittin without enzyme catalysis. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5371.	2.8	13
21	The lipidation profile of aquaporin-0 correlates with the acyl composition of phosphoethanolamine lipids in lens membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 2763-2768.	2.6	13
22	Acyl Transfer from Membrane Lipids to Peptides Is a Generic Process. <i>Journal of Molecular Biology</i> , 2013, 425, 4379-4387.	4.2	10
23	Circularly polarised luminescence in an RNA-based homochiral, self-repairing, coordination polymer hydrogel. <i>Journal of Materials Chemistry C</i> , 2022, 10, 7329-7335.	5.5	10
24	Using Electron Induced Dissociation (EID) on an LC Time-Scale to Characterize a Mixture of Analogous Small Organic Molecules. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 850-857.	2.8	9
25	Lytic reactions of drugs with lipid membranes. <i>Chemical Science</i> , 2019, 10, 674-680.	7.4	8
26	The reproducibility of phospholipid analyses by MALDI-MSMS. <i>Analyst, The</i> , 2011, 136, 2598.	3.5	7
27	The influence of cholesterol on melittin lipidation in neutral membranes. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 631-640.	2.8	7
28	Lysis of membrane lipids promoted by small organic molecules: Reactivity depends on structure but not lipophilicity. <i>Science Advances</i> , 2020, 6, eaaz8598.	10.3	7
29	Characterisation of phosphorylated nucleotides by collisional and electron-based tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 2155-2163.	1.5	6
30	Letter: Target capture of argon by fullerene radical cations in high-energy collisions. <i>European Journal of Mass Spectrometry</i> , 1995, 1, 501.	0.7	5
31	Analysis of air-, moisture- and solvent-sensitive chemical compounds by mass spectrometry using an inert atmospheric pressure solids analysis probe. <i>European Journal of Mass Spectrometry</i> , 2018, 24, 74-80.	1.0	4
32	Modification of a gas chromatography/atmospheric pressure chemical ionisation time-of-flight mass spectrometer as an alternative to automated atmospheric pressure solids analysis probe. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 2024-2030.	1.5	1
33	Peptide lipidation in lysophospholipid micelles and lysophospholipid-enriched membranes. <i>Faraday Discussions</i> , 2021, 232, 282-294.	3.2	1
34	Peptide-Lipid Reactivity in Membranes. <i>Biophysical Journal</i> , 2012, 102, 491a-492a.	0.5	0
35	Non-Enzymatic Acyl Transfer from Lipids to Peptides is a General Process. <i>Biophysical Journal</i> , 2013, 104, 236a.	0.5	0
36	Peptide Lipidation by Acyl Transfer from Membrane Lipids and Lyso-Lipids. <i>Biophysical Journal</i> , 2014, 106, 296a.	0.5	0

#	ARTICLE	IF	CITATIONS
37	Understanding Molecular Complexity in Protein and Peptide-Lipid Systems. Biophysical Journal, 2015, 108, 552a.	0.5	0
38	BMSS@50: a community that continues to deliver British science. Rapid Communications in Mass Spectrometry, 2015, 29, 698-700.	1.5	0
39	Understanding the Role of Peptide-Lipid Reactions in Biological Systems. Biophysical Journal, 2016, 110, 574a.	0.5	0
40	Amorphism and Thermal Decomposition of Salicylsalicylic Acidâ€™Aâ€™Cautionary Tale. Journal of Pharmaceutical Sciences, 2016, 105, 3073-3078.	3.3	0
41	Drug Lipidation in Membranes. Biophysical Journal, 2017, 112, 526a.	0.5	0
42	Changes in the Biophysics of Lipid Membranes Mediated by Peptides and Drugs. Biophysical Journal, 2018, 114, 258a.	0.5	0
43	A Link between Peptide Lipidation and Membrane Curvature Modulus. Biophysical Journal, 2019, 116, 20a-21a.	0.5	0
44	Far from Inert - Drug Lipidation in Membranes. Biophysical Journal, 2020, 118, 77a.	0.5	0