

# Andrew P Bowman

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18  
papers

407  
citations

11  
h-index

20  
g-index

20  
ext. papers

735  
ext. citations

11.8  
avg, IF

4.07  
L-index

#	Paper	IF	Citations
18	Broad Separation of Isomeric Lipids by High-Resolution Differential Ion Mobility Spectrometry with Tandem Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2017</b> , 28, 1552-1561	3.5	73
17	Auto-aggressive CXCR6 CD8 T cells cause liver immune pathology in NASH. <i>Nature</i> , <b>2021</b> , 592, 444-449	50.4	56
16	Evaluation of lipid coverage and high spatial resolution MALDI-imaging capabilities of oversampling combined with laser post-ionisation. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 2277-2289	4.4	39
15	Characterization of Complete Histone Tail Proteoforms Using Differential Ion Mobility Spectrometry. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 5461-5466	7.8	35
14	Ion Mobility Separation of Peptide Isotopomers. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2016</b> , 27, 795-9	3.5	31
13	Ultra-High Mass Resolving Power, Mass Accuracy, and Dynamic Range MALDI Mass Spectrometry Imaging by 21-T FT-ICR MS. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 3133-3142	7.8	29
12	Apocryphal FADS2 activity promotes fatty acid diversification in cancer. <i>Cell Reports</i> , <b>2021</b> , 34, 108738	10.6	28
11	Stearoyl-CoA desaturase-1 impairs the reparative properties of macrophages and microglia in the brain. <i>Journal of Experimental Medicine</i> , <b>2020</b> , 217,	16.6	25
10	Advances in mass spectrometry imaging enabling observation of localised lipid biochemistry within tissues. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 120, 115197	14.6	23
9	LipostarMSI: Comprehensive, Vendor-Neutral Software for Visualization, Data Analysis, and Automated Molecular Identification in Mass Spectrometry Imaging. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2020</b> , 31, 155-163	3.5	22
8	Sphingolipids as prognostic biomarkers of neurodegeneration, neuroinflammation, and psychiatric diseases and their emerging role in lipidomic investigation methods. <i>Advanced Drug Delivery Reviews</i> , <b>2020</b> , 159, 232-244	18.5	20
7	Mass Spectrometry Imaging of Lipids with Isomer Resolution Using High-Pressure Ozone-Induced Dissociation. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 9826-9834	7.8	10
6	Clinical importance of high-mannose, fucosylated and complex N-glycans in breast cancer metastasis. <i>JCI Insight</i> , <b>2021</b> ,	9.9	5
5	Sphingolipid Control of Fibroblast Heterogeneity Revealed by Single-Cell Lipidomics		4
4	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> , <b>2021</b> , 32, 2827-2836	3.5	2
3	Isomer-Resolved Imaging of Prostate Cancer Tissues Reveals Specific Lipid Unsaturation Profiles Associated With Lymphocytes and Abnormal Prostate Epithelia. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 689600	5.7	2
2	Sphingolipids control dermal fibroblast heterogeneity.. <i>Science</i> , <b>2022</b> , 376, eabh1623	33.3	2

- 1 Isomeric lipid signatures reveal compartmentalized fatty acid metabolism in cancer.. *Journal of Lipid Research*, **2022**, 100223

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