

# Andrew G Baker

## List of Publications by Year in descending order

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16  
papers

566  
citations

623734

14  
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996975

15  
g-index

16  
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16  
docs citations

16  
times ranked

712  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of Bile Acids and Their Conjugates by Capillary Electrochromatography/Electrospray Ion Trap Mass Spectrometry. <i>Analytical Chemistry</i> , 2000, 72, 2703-2710.	6.5	92
2	Steroid profiles determined by capillary electrochromatography, laser-induced fluorescence detection and electrospray mass spectrometry. <i>Journal of Chromatography A</i> , 2000, 887, 379-391.	3.7	71
3	The Use of Osazones as Matrices for the Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry of Carbohydrates. <i>Analytical Biochemistry</i> , 1997, 244, 144-151.	2.4	69
4	A Fast One-Step Extraction and UPLC-MS/MS Analysis for E <sub>2</sub> /D <sub>2</sub> Series Prostaglandins and Isoprostanes. <i>Lipids</i> , 2013, 48, 411-419.	1.7	52
5	Reaction of N-Acetylglycyllysine Methyl Ester with 2-Alkenals: An Alternative Model for Covalent Modification of Proteins. <i>Chemical Research in Toxicology</i> , 1998, 11, 730-740.	3.3	39
6	Matrix-assisted laser desorption/ionization mass spectrometry of neutral and acidic oligosaccharides with collision-induced dissociation. <i>Carbohydrate Research</i> , 1998, 313, 145-155.	2.3	38
7	A Protective Lipidomic Biosignature Associated with a Balanced Omega-6/Omega-3 Ratio in fat-1 Transgenic Mice. <i>PLoS ONE</i> , 2014, 9, e96221.	2.5	32
8	Profiling the indole alkaloids in yohimbe bark with ultra-performance liquid chromatography coupled with ion mobility quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2591-2602.	1.5	31
9	Tandem mass spectrometry of model peptides modified with trans-2-hexenal, a product of lipid peroxidation. <i>Journal of the American Society for Mass Spectrometry</i> , 1999, 10, 613-624.	2.8	23
10	Complexation between Amylodextrin Oligomers and Selected Pharmaceuticals Measured through Capillary Electrophoresis. <i>Analytical Chemistry</i> , 1998, 70, 3590-3597.	6.5	22
11	Comparative Metabolomic and Lipidomic Analysis of Phenotype Stratified Prostate Cells. <i>PLoS ONE</i> , 2015, 10, e0134206.	2.5	22
12	High-resolution ion mobility spectrometry-mass spectrometry of isomeric/isobaric ribonucleotide variants. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4465.	1.6	22
13	Modification of Horse Heart Cytochrome c with trans-2-Hexenal. <i>Chemical Research in Toxicology</i> , 1997, 10, 702-710.	3.3	21
14	Carbohydrate isomer resolution via multi-site derivatization cyclic ion mobility-mass spectrometry. <i>Analyt. The</i> , 2019, 144, 7220-7226.	3.5	21
15	Narrow-Band Collisional Activation Technique for Ion Trap Mass Spectrometers. <i>Analytical Chemistry</i> , 1999, 71, 2945-2950.	6.5	7
16	Matrix-assisted Laser Desorption/Ionization Time-of-flight Mass Spectrometry as a Tool to Probe the Reactions of trans-Hex-2-enal with Proteins. , 1997, 32, 662-665.		4