

# Adam M Hawkrige

## List of Publications by Year in descending order

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48  
papers

2,805  
citations

236925

25  
h-index

197818

49  
g-index

49  
all docs

49  
docs citations

49  
times ranked

3926  
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation and detection of multiply-charged peptides and proteins by matrix-assisted laser desorption electrospray ionization (MALDESI) fourier transform ion cyclotron resonance mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2006, 17, 1712-1716.	2.8	336
2	Fatty acid oxidation: An emerging facet of metabolic transformation in cancer. <i>Cancer Letters</i> , 2018, 435, 92-100.	7.2	279
3	Quantitative mass spectral evidence for the absence of circulating brain natriuretic peptide (BNP-32) in severe human heart failure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 17442-17447.	7.1	256
4	Performance Characteristics of a New Hybrid Quadrupole Time-of-Flight Tandem Mass Spectrometer (TripleTOF 5600). <i>Analytical Chemistry</i> , 2011, 83, 5442-5446.	6.5	254
5	Coordination-Driven Self-Assemblies with a Carborane Backbone. <i>Journal of the American Chemical Society</i> , 2005, 127, 12131-12139.	13.7	214
6	Mass Spectrometry-Based Biomarker Discovery: Toward a Global Proteome Index of Individuality. <i>Annual Review of Analytical Chemistry</i> , 2009, 2, 265-277.	5.4	130
7	Coordination-Driven Self-Assembly of Metallodendrimers Possessing Well-Defined and Controllable Cavities as Cores. <i>Journal of the American Chemical Society</i> , 2007, 129, 2120-2129.	13.7	129
8	Molecular Architecture via Coordination: Self-Assembly of Nanoscale Hexagonal Metallodendrimers with Designed Building Blocks. <i>Journal of the American Chemical Society</i> , 2006, 128, 10014-10015.	13.7	103
9	Coordination-Driven Face-Directed Self-Assembly of Trigonal Prisms. Face-Based Conformational Chirality. <i>Journal of the American Chemical Society</i> , 2008, 130, 7620-7628.	13.7	100
10	Top-Down Identification and Quantification of Stable Isotope Labeled Proteins from <i>Aspergillus flavus</i> Using Online Nano-Flow Reversed-Phase Liquid Chromatography Coupled to a LTQ-FTICR Mass Spectrometer. <i>Analytical Chemistry</i> , 2008, 80, 4994-5001.	6.5	68
11	Improving Proteome Coverage on a LTQ-Orbitrap Using Design of Experiments. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 773-783.	2.8	54
12	Identification of Subunit-Subunit Interactions in Bacteriophage P22 Procapsids by Chemical Cross-linking and Mass Spectrometry. <i>Journal of Proteome Research</i> , 2006, 5, 370-377.	3.7	49
13	Coupling of a vented column with splitless nanoRPLC-ESI-MS for the improved separation and detection of brain natriuretic peptide-32 and its proteolytic peptides. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 948-954.	2.3	48
14	Development and Characterization of an Ionization Technique for Analysis of Biological Macromolecules: Liquid Matrix-Assisted Laser Desorption Electrospray Ionization. <i>Analytical Chemistry</i> , 2008, 80, 6773-6778.	6.5	47
15	Gentle Protein Ionization Assisted by High-Velocity Gas Flow. <i>Analytical Chemistry</i> , 2005, 77, 6174-6183.	6.5	44
16	Analytical Performance of a Venturi Device Integrated into an Electrospray Ionization Fourier Transform Ion Cyclotron Resonance Mass Spectrometer for Analysis of Nucleic Acids. <i>Analytical Chemistry</i> , 2004, 76, 4118-4122.	6.5	43
17	Achieving Augmented Limits of Detection for Peptides with Hydrophobic Alkyl Tags. <i>Analytical Chemistry</i> , 2007, 79, 3989-3995.	6.5	43
18	Synthesis, Characterization, and Application of Iodoacetamide Derivatives Utilized for the ALIPHAT Strategy. <i>Journal of the American Chemical Society</i> , 2008, 130, 2122-2123.	13.7	43

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19	Construction of a Versatile High Precision Ambient Ionization Source for Direct Analysis and Imaging. <i>Journal of the American Society for Mass Spectrometry</i> , 2008, 19, 1527-1534.	2.8	42
20	Proteomics Characterization of Cell Membrane Blebs in Human Retinal Pigment Epithelium Cells. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 2201-2211.	3.8	38
21	Temperature-Dependent Regulation of Proteins in <i>Aspergillus flavus</i> : Whole Organism Stable Isotope Labeling by Amino Acids. <i>Journal of Proteome Research</i> , 2008, 7, 2973-2979.	3.7	36
22	The chicken model of spontaneous ovarian cancer. <i>Proteomics - Clinical Applications</i> , 2014, 8, 689-699.	1.6	36
23	Remote mass spectrometric sampling of electrospray- and desorption electrospray-generated ions using an air ejector. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 1844-1847.	2.8	33
24	Surface chemical analysis of poly( $\epsilon$ -caprolactone)-perfluoropolyether-poly( $\epsilon$ -caprolactone) triblock copolymers by X-ray photoelectron spectroscopy. <i>Polymer International</i> , 2003, 52, 1262-1274.	3.1	32
25	Ambient Aerodynamic Ionization Source for Remote Analyte Sampling and Mass Spectrometric Analysis. <i>Analytical Chemistry</i> , 2008, 80, 5266-5271.	6.5	32
26	Model Aluminum <sup>3+</sup> /Poly(p-phenylenevinylene) Interfaces Studied by Surface Raman Spectroscopy. <i>Journal of the American Chemical Society</i> , 2003, 125, 624-625.	13.7	25
27	Measuring the intra-individual variability of the plasma proteome in the chicken model of spontaneous ovarian adenocarcinoma. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 737-749.	3.7	25
28	Investigation of the Water-Induced Reorganization of Polycaprolactone <sup>2+</sup> /Poly(fluoroalkylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Spectroscopy. <i>Macromolecules</i> , 2002, 35, 6533-6538.	4.8	24
29	Incorporation of 2,6-Di(4,4'-dipyridyl)-9-thiabicyclo[3.3.1]nonane into Discrete 2D Supramolecules via Coordination-Driven Self-Assembly. <i>Journal of Organic Chemistry</i> , 2006, 71, 6644-6647.	3.2	24
30	Quantitative mass spectrometry of technical polymers: a comparison of several ionization methods. <i>European Journal of Mass Spectrometry</i> , 1998, 4, 467.	0.7	23
31	Utilizing Spectral Counting To Quantitatively Characterize Tandem Removal of Abundant Proteins (TRAP) in Human Plasma. <i>Analytical Chemistry</i> , 2010, 82, 10179-10185.	6.5	20
32	Sub parts-per-million mass measurement accuracy of intact proteins and product ions achieved using a dual electrospray ionization quadrupole fourier transform ion cyclotron resonance mass spectrometer. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 1-7.	2.8	18
33	Probing the mechanisms of an air amplifier using a LTQ-FT-ICR-MS and fluorescence spectroscopy. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 1909-1913.	2.8	18
34	Raman Spectroscopy of the Reaction of Thin Films of Solid-State Benzene with Vapor-Deposited Ag, Mg, and Al. <i>Journal of Physical Chemistry C</i> , 2011, 115, 13717-13724.	3.1	16
35	Neutrophil Elastase Triggers the Release of Macrophage Extracellular Traps: Relevance to Cystic Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, 76-85.	2.9	14
36	Multi-peptide nLC-PC-IDMS-SRM-based Assay for the quantification of biomarkers in the chicken ovarian cancer model. <i>Methods</i> , 2013, 61, 323-330.	3.8	13

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37	Effect of Plasma Protein Depletion on BNP-32 Recovery. <i>Clinical Chemistry</i> , 2008, 54, 933-934.	3.2	11
38	The lignan manassantin is a potent and specific inhibitor of mitochondrial complex I and bioenergetic activity in mammals. <i>Journal of Biological Chemistry</i> , 2017, 292, 20989-20997.	3.4	11
39	In-depth LC-MS/MS analysis of the chicken ovarian cancer proteome reveals conserved and novel differentially regulated proteins in humans. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6851-6863.	3.7	10
40	Proteomics Insights into Autophagy. <i>Proteomics</i> , 2017, 17, 1700022.	2.2	10
41	One-year plasma N-linked glycome intra-individual and inter-individual variability in the chicken model of spontaneous ovarian adenocarcinoma. <i>International Journal of Mass Spectrometry</i> , 2011, 305, 79-86.	1.5	8
42	Intact stable isotope labeled plasma proteins from the SILAC-labeled HepG2 secretome. <i>Proteomics</i> , 2015, 15, 3104-3115.	2.2	8
43	Comparative analysis of INLIGHT-labeled enzymatically depolymerized heparin by reverse-phase chromatography and high-performance mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 499-509.	3.7	8
44	Temporal map of the pig polytrauma plasma proteome with fluid resuscitation and intravenous vitamin C treatment. <i>Journal of Thrombosis and Haemostasis</i> , 2019, 17, 1827-1837.	3.8	8
45	Evaluation of matrix-assisted laser desorption ionization mass spectrometry for studying the sec-butyllithium and n-butyllithium initiated ring-opening polymerization of hexamethylcyclotrisiloxane (D3). <i>Journal of the American Society for Mass Spectrometry</i> , 2003, 14, 95-101.	2.8	7
46	Neutrophil elastase-regulated macrophage sheddome/secretome and phagocytic failure. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L555-L565.	2.9	6
47	DÃ©jÃ  Vu All Over Again: Skin Cap Still Contains a High-Potency Glucocorticosteroid. <i>Archives of Dermatology</i> , 2005, 141, 801-3.	1.4	4
48	Ultraviolet photodissociation of fondaparinux generates signature antithrombin-like 3-O-sulfated -GlcNS3S6S- monosaccharide fragment (Y3/C3). <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 7925-7935.	3.7	4