

Justin M Wiseman

List of Publications by Year in Descending Order

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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.

42
papers

7,540⁰
citations

25
h-index

42
g-index

42
ext. papers

8,041
ext. citations

7.5
avg, IF

5.72
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 42 | Rapid analysis of fentanyls and other novel psychoactive substances in substance use disorder patient urine using paper spray mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018 , 32, 1280-1286 | 2.2 | 25 |
| 41 | Limited Azithromycin Localization to Rabbit Meibomian Glands Revealed by LC-MS-Based Bioanalysis and DESI Imaging. <i>Biological and Pharmaceutical Bulletin</i> , 2017 , 40, 1586-1589 | 2.3 | 4 |
| 40 | Rapid screening and identification of novel psychoactive substances using PaperSpray interfaced to high resolution mass spectrometry. <i>Clinical Mass Spectrometry</i> , 2016 , 1, 3-10 | 1.9 | 10 |
| 39 | Mass spectrometry imaging of levofloxacin distribution in TB-infected pulmonary lesions by MALDI-MSI and continuous liquid microjunction surface sampling. <i>International Journal of Mass Spectrometry</i> , 2015 , 377, 699-708 | 1.9 | 53 |
| 38 | Paper spray mass spectrometry for drug analysis: an alternative to LC-MS/MS in forensic, clinical and drug discovery laboratories for dried blood spot samples 2015 , 36-52 | | |
| 37 | New Mass Spec Method for Blood and Urine Screening. <i>Genetic Engineering and Biotechnology News</i> , 2014 , 34, 20-21 | 0.6 | 2 |
| 36 | Metabolic Imaging through Continuous In Situ Micro-extractions of Tissue Samples via Flowprobe Mass Spectrometry. <i>Current Metabolomics</i> , 2014 , 2, 122-131 | 1 | 9 |
| 35 | Analysis of dried blood spots using DESI mass spectrometry. <i>Methods in Molecular Biology</i> , 2014 , 1198, 291-7 | 1.4 | 10 |
| 34 | Data processing for 3D mass spectrometry imaging. <i>Journal of the American Society for Mass Spectrometry</i> , 2012 , 23, 1147-56 | 3.5 | 42 |
| 33 | Development of stereotactic mass spectrometry for brain tumor surgery. <i>Neurosurgery</i> , 2011 , 68, 280-89; discussion 290 | 3.2 | 48 |
| 32 | Coupling desorption electrospray ionization with solid-phase microextraction for screening and quantitative analysis of drugs in urine. <i>Analytical Chemistry</i> , 2010 , 82, 7502-8 | 7.8 | 70 |
| 31 | Elution, partial separation, and identification of lipids directly from tissue slices on planar chromatography media by desorption electrospray ionization mass spectrometry. <i>Analytical Chemistry</i> , 2010 , 82, 8866-74 | 7.8 | 19 |
| 30 | Direct analysis of dried blood spots utilizing desorption electrospray ionization (DESI) mass spectrometry. <i>Analyst, The</i> , 2010 , 135, 720-5 | 5 | 115 |
| 29 | Desorption electrospray ionization-mass spectrometry for the detection of analytes extracted by thin-film molecularly imprinted polymers. <i>Analyst, The</i> , 2010 , 135, 2237-40 | 5 | 27 |
| 28 | Discrimination of human astrocytoma subtypes by lipid analysis using desorption electrospray ionization imaging mass spectrometry. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 5953-6 | 16.4 | 107 |
| 27 | Evaluation and performance of desorption electrospray ionization using a triple quadrupole mass spectrometer for quantitation of pharmaceuticals in plasma. <i>Rapid Communications in Mass Spectrometry</i> , 2010 , 24, 309-14 | 2.2 | 35 |
| 26 | Direct analysis of <i>Salvia divinorum</i> leaves for salvinorin A by thin layer chromatography and desorption electrospray ionization multi-stage tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010 , 24, 1305-11 | 2.2 | 48 |

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| 25 | Ambient molecular imaging by desorption electrospray ionization mass spectrometry. <i>Nature Protocols</i> , 2008 , 3, 517-24 | 18.8 | 141 |
| 24 | Desorption Electrospray Ionization (DESI) Analysis of Intact Proteins/Oligopeptides. <i>Cold Spring Harbor Protocols</i> , 2008 , 2008, pdb.prot4992 | 1.2 | 6 |
| 23 | Desorption Electrospray Ionization: Proteomics Studies by a Method That Bridges ESI and MALDI. <i>Cold Spring Harbor Protocols</i> , 2008 , 2008, pdb.top37 | 1.2 | 4 |
| 22 | Desorption electrospray ionization mass spectrometry: Imaging drugs and metabolites in tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 18120-5 | 11.5 | 366 |
| 21 | A preliminary study of the coupling of desorption electrospray ionization-mass spectrometry with pressurized planar electrochromatography. <i>Journal of Planar Chromatography - Modern TLC</i> , 2008 , 21, 11-14 | 0.9 | 20 |
| 20 | Desorption electrospray ionization (DESI) mass spectrometry and tandem mass spectrometry (MS/MS) of phospholipids and sphingolipids: ionization, adduct formation, and fragmentation. <i>Journal of the American Society for Mass Spectrometry</i> , 2008 , 19, 531-43 | 3.5 | 150 |
| 19 | Development of capabilities for imaging mass spectrometry under ambient conditions with desorption electrospray ionization (DESI). <i>International Journal of Mass Spectrometry</i> , 2007 , 259, 8-15 | 1.9 | 224 |
| 18 | Tissue imaging at atmospheric pressure using desorption electrospray ionization (DESI) mass spectrometry. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7188-92 | 16.4 | 459 |
| 17 | Tissue Imaging at Atmospheric Pressure Using Desorption Electrospray Ionization (DESI) Mass Spectrometry. <i>Angewandte Chemie</i> , 2006 , 118, 7346-7350 | 3.6 | 19 |
| 16 | Coupling desorption electrospray ionization with ion mobility/mass spectrometry for analysis of protein structure: evidence for desorption of folded and denatured States. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 5045-51 | 3.4 | 98 |
| 15 | Ion Soft Landing: Instrumentation, Phenomena, and Applications 2006 , 433-474 | | 6 |
| 14 | Desorption electrospray ionization mass spectrometry for the analysis of pharmaceuticals and metabolites. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 387-92 | 2.2 | 137 |
| 13 | Detection Technologies. Ambient mass spectrometry. <i>Science</i> , 2006 , 311, 1566-70 | 33.3 | 1151 |
| 12 | Direct characterization of enzyme-substrate complexes by using electrosonic spray ionization mass spectrometry. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 913-6 | 16.4 | 44 |
| 11 | Mass spectrometric profiling of intact biological tissue by using desorption electrospray ionization. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 7094-7 | 16.4 | 209 |
| 10 | Cover Picture: Mass Spectrometric Profiling of Intact Biological Tissue by Using Desorption Electrospray Ionization (Angew. Chem. Int. Ed. 43/2005). <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 6967-6967 | 16.4 | |
| 9 | Direct Characterization of Enzyme-Substrate Complexes by Using Electrosonic Spray Ionization Mass Spectrometry. <i>Angewandte Chemie</i> , 2005 , 117, 935-938 | 3.6 | 3 |
| 8 | Mass Spectrometric Profiling of Intact Biological Tissue by Using Desorption Electrospray Ionization. <i>Angewandte Chemie</i> , 2005 , 117, 7256-7259 | 3.6 | 21 |

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| 7 | Titelbild: Mass Spectrometric Profiling of Intact Biological Tissue by Using Desorption Electrospray Ionization (Angew. Chem. 43/2005). <i>Angewandte Chemie</i> , 2005 , 117, 7127-7127 | 3.6 | |
| 6 | Ambient mass spectrometry using desorption electrospray ionization (DESI): instrumentation, mechanisms and applications in forensics, chemistry, and biology. <i>Journal of Mass Spectrometry</i> , 2005 , 40, 1261-75 | 2.2 | 691 |
| 5 | Ion soft-landing into liquids: Protein identification, separation, and purification with retention of biological activity. <i>Journal of the American Society for Mass Spectrometry</i> , 2004 , 15, 1874-84 | 3.5 | 86 |
| 4 | Mass spectrometry sampling under ambient conditions with desorption electrospray ionization. <i>Science</i> , 2004 , 306, 471-3 | 33.3 | 2550 |
| 3 | Preparative linear ion trap mass spectrometer for separation and collection of purified proteins and peptides in arrays using ion soft landing. <i>Analytical Chemistry</i> , 2004 , 76, 6293-305 | 7.8 | 62 |
| 2 | Electrosonic spray ionization. A gentle technique for generating folded proteins and protein complexes in the gas phase and for studying ion-molecule reactions at atmospheric pressure. <i>Analytical Chemistry</i> , 2004 , 76, 4050-8 | 7.8 | 228 |
| 1 | Preparing protein microarrays by soft-landing of mass-selected ions. <i>Science</i> , 2003 , 301, 1351-4 | 33.3 | 241 |