

Daniel J Weston

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,037
citations

567281

15
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

1092
citing authors

#	ARTICLE	IF	CITATIONS
1	Ambient ionization mass spectrometry: current understanding of mechanistic theory; analytical performance and application areas. <i>Analyst, The</i> , 2010, 135, 661.	3.5	340
2	Direct Analysis of Pharmaceutical Drug Formulations Using Ion Mobility Spectrometry/Quadrupole-Time-of-Flight Mass Spectrometry Combined with Desorption Electrospray Ionization. <i>Analytical Chemistry</i> , 2005, 77, 7572-7580.	6.5	209
3	Discovery of Orally Efficacious Melanin-Concentrating Hormone Receptor-1 Antagonists as Antiobesity Agents. Synthesis, SAR, and Biological Evaluation of Bicyclo[3.1.0]hexyl Ureas. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 2294-2310.	6.4	66
4	Analysis of tryptic peptides using desorption electrospray ionisation combined with ion mobility spectrometry/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 1131-1138.	1.5	52
5	An approach to enhancing coverage of the urinary metabolome using liquid chromatography-“ion mobility”-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 871, 357-361.	2.3	49
6	Utility of spatially-resolved atmospheric pressure surface sampling and ionization techniques as alternatives to mass spectrometric imaging (MSI) in drug metabolism. <i>Xenobiotica</i> , 2011, 41, 720-734.	1.1	38
7	Analysis of pharmaceutical formulations using atmospheric pressure ion mobility spectrometry combined with liquid chromatography and nano-electrospray ionisation. <i>Analyst, The</i> , 2007, 132, 34-40.	3.5	33
8	Enhanced Analyte Detection Using In-Source Fragmentation of Field Asymmetric Waveform Ion Mobility Spectrometry-Selected Ions in Combination with Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2012, 84, 4095-4103.	6.5	32
9	In-Membrane Preconcentration/Membrane Inlet Mass Spectrometry of Volatile and Semivolatile Organic Compounds. <i>Analytical Chemistry</i> , 2000, 72, 2730-2736.	6.5	29
10	Bicyclic[4.1.0]heptanes as phenyl replacements for melanin concentrating hormone receptor antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 3285-3299.	3.0	24
11	Direct Detection of a Sulfonate Ester Genotoxic Impurity by Atmospheric-Pressure Thermal Desorption-“Extractive Electrospray”-Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 6224-6227.	6.5	23
12	Direct Determination of Urinary Creatinine by Reactive-Thermal Desorption-Extractive Electrospray-Ion Mobility-Tandem Mass Spectrometry.. <i>Analytical Chemistry</i> , 2014, 86, 357-361.	6.5	22
13	Bicyclo[3.1.0]hexyl urea melanin concentrating hormone (MCH) receptor-1 antagonists: Impacting hERG liability via aryl modifications. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 4262-4265.	2.2	17
14	Enhanced performance in the determination of ibuprofen 1- ¹⁴ C-O-acyl glucuronide in urine by combining high field asymmetric waveform ion mobility spectrometry with liquid chromatography-time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1278, 76-81.	3.7	17
15	Determination of free desmosine and isodesmosine as urinary biomarkers of lung disorder using ultra performance liquid chromatography-“ion mobility-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 3797-3801.	2.3	16
16	Evaluation of laser diode thermal desorption (LDTD) coupled with tandem mass spectrometry (MS/MS) for support of in vitro drug discovery assays: Increasing scope, robustness and throughput of the LDTD technique for use with chemically diverse compound libraries. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 59, 18-28.	2.8	16
17	Determination of benzene in aqueous samples by membrane inlet, solid phase microextraction and purge and trap extraction with isotope dilution gas chromatography-mass spectrometry. <i>Analytical Communications</i> , 1999, 36, 383.	2.2	15
18	HighlightDevelopments in membrane inlet mass spectrometry. <i>Analytical Communications</i> , 1998, 35, 9-12.	2.2	13

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19	Commentary: Challenging convention using ambient ionization and direct analysis mass spectrometric techniques. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 821-825.	1.5	9
20	Accurate-mass instrumentation should not always be the first-and-only choice for MS in the drug metabolism environment. <i>Bioanalysis</i> , 2011, 3, 1795-1798.	1.5	5
21	Direct extraction of urinary analytes from undeveloped reversed-phase thin layer chromatography plates using a solvent gradient combined with on-line electrospray ionisation ion mobility-mass spectrometry. <i>Analyst, The</i> , 2012, 137, 3510.	3.5	5