

# David M Higton

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

388  
citations

840776

11  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

304  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cassette dosing: rapid in vivo assessment of pharmacokinetics. <i>Pharmaceutical Science &amp; Technology Today</i> , 1998, 1, 12-18.	0.7	65
2	Quantitative analysis of pharmaceuticals in biological fluids using high-performance liquid chromatography coupled to mass spectrometry: a review. <i>Xenobiotica</i> , 2001, 31, 599-617.	1.1	51
3	From definition to implementation: a cross-industry perspective of past, current and future MIST strategies. <i>Xenobiotica</i> , 2011, 41, 605-622.	1.1	40
4	European Bioanalysis Forum recommendation: scientific validation of quantification by accelerator mass spectrometry. <i>Bioanalysis</i> , 2012, 4, 2669-2679.	1.5	29
5	An investigation into the application of capillary electrochromatography-mass spectrometry (CEC-MS) for the analysis and quantification of a potential drug candidate in extracted plasma. <i>Chromatographia</i> , 1997, 46, 599-604.	1.3	27
6	Determination of 4-hydroxytamoxifen in mouse plasma in the pg/mL range by gradient capillary liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 297-303.	1.5	21
7	AMS method validation for quantitation in pharmacokinetic studies with concomitant extravascular and intravenous administration. <i>Bioanalysis</i> , 2011, 3, 393-405.	1.5	20
8	The potential of serially coupled alkyl-bonded silica monolithic columns for high resolution separations of pharmaceutical compounds in biological fluids. <i>Chromatographia</i> , 2002, 55, 177-184.	1.3	19
9	Ask the Experts: Automation: Part I. <i>Bioanalysis</i> , 2013, 5, 1953-1962.	1.5	19
10	Absorption and disposition of ranitidine hydrochloride in rat and dog. <i>Xenobiotica</i> , 1996, 26, 947-956.	1.1	17
11	A structure-activity relationship linking non-planar PCBs to functional deficits of neural crest cells: new roles for connexins. <i>Archives of Toxicology</i> , 2018, 92, 1225-1247.	4.2	15
12	Use of Cyclic Ion Mobility Spectrometry (cIM)-Mass Spectrometry to Study the Intramolecular Transacylation of Diclofenac Acyl Glucuronide. <i>Analytical Chemistry</i> , 2021, 93, 7413-7421.	6.5	13
13	A rapid, automated approach to optimisation of multiple reaction monitoring conditions for quantitative bioanalytical mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 1922-1930.	1.5	11
14	Investigation into Small Molecule Isomeric Glucuronide Metabolite Differentiation Using <i>In Silico</i> and Experimental Collision Cross-Section Values. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 1976-1986.	2.8	11
15	An AMS method to determine analyte recovery from pharmacokinetic studies with concomitant extravascular and intravenous administration. <i>Bioanalysis</i> , 2011, 3, 407-410.	1.5	10
16	Thermospray liquid chromatography-mass spectrometry for the characterization of sulphate ester conjugates. <i>Journal of Chromatography A</i> , 1991, 554, 175-180.	3.7	7
17	Mass Spectrometry: Pharmaceutical Sciences. <i>Applied Spectroscopy Reviews</i> , 1995, 30, 81-118.	6.7	7
18	Application of a tiered approach to the validation of accelerator MS assays. <i>Bioanalysis</i> , 2014, 6, 665-672.	1.5	2