

# Patricia Wright

## List of Publications by Year in descending order

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13  
papers

245  
citations

1040056

9  
h-index

1125743

13  
g-index

13  
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13  
docs citations

13  
times ranked

335  
citing authors

#	ARTICLE	IF	CITATIONS
1	Can density functional theory (DFT) be used as an aid to a deeper understanding of tandem mass spectrometric fragmentation pathways?. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 2619-2627.	1.5	51
2	How useful is molecular modelling in combination with ion mobility mass spectrometry for $\sim$ small molecule $\text{a}^{\text{TM}}$ ion mobility collision cross-sections?. <i>Analyst, The</i> , 2015, 140, 6814-6823.	3.5	50
3	Using density functional theory to rationalise the mass spectral fragmentation of maraviroc and its metabolites. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1025-1031.	1.5	34
4	Predicting collision-induced dissociation spectra: Semi-empirical calculations as a rapid and effective tool in software-aided mass spectral interpretation. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 1127-1143.	1.5	18
5	Characterisation of sulphoxides by atmospheric pressure ionisation mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 2005-2014.	1.5	16
6	High-throughput approaches towards the definitive identification of pharmaceutical drug metabolites. 1. Evidence for an ortho effect on the fragmentation of 4-benzenesulfinyl-N-methylphenylamine using electrospray ionisation mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 2355-2365.	1.5	15
7	Predicting collision-induced dissociation mass spectra: understanding the role of the mobile proton in small molecule fragmentation. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1163-1175.	1.5	14
8	Understanding collision-induced dissociation of dofetilide: a case study in the application of density functional theory as an aid to mass spectral interpretation. <i>Analyst, The</i> , 2013, 138, 6869.	3.5	12
9	Evolution of an open-access quantitative bioanalytical mass spectrometry service in a drug discovery environment. <i>Biomedical Chromatography</i> , 2006, 20, 585-596.	1.7	9
10	High-throughput approaches towards the definitive identification of pharmaceutical drug metabolites. 2. An example of how unexpected dissociation behaviour could preclude correct assignment of sites of metabolism. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 2017-2025.	1.5	9
11	A Rapid Methodology for the Characterization of Dialkyl Tertiary Amine-N-Oxide Metabolites Using Structurally Dependent Dissociation Pathways and Reconstructed Ion Current Chromatograms. <i>Analytical Chemistry</i> , 2010, 82, 2347-2354.	6.5	8
12	Evidence for site-specific intramolecular hydrogen/deuterium exchange in the low-energy collision-induced dissociation product ion spectra of protonated small molecules generated by electrospray ionisation. <i>Journal of Mass Spectrometry</i> , 2010, 45, 347-357.	1.6	6
13	The low-energy collision-induced dissociation product ion spectra of protonated $\beta$ -blockers reveal an analogy to fragmentation behaviour under electron ionisation conditions. <i>Journal of Mass Spectrometry</i> , 2011, 46, 1182-1185.	1.6	3