

John O'mahony

List of Publications by Year in descending order

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13
papers

2,004
citations

687363

13
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

2095
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular imprinting science and technology: a survey of the literature for the years up to and including 2003. <i>Journal of Molecular Recognition</i> , 2006, 19, 106-180.	2.1	1,073
2	Current trends in sample preparation for growth promoter and veterinary drug residue analysis. <i>Journal of Chromatography A</i> , 2009, 1216, 7977-8015.	3.7	166
3	Theoretical and computational strategies for rational molecularly imprinted polymer design. <i>Biosensors and Bioelectronics</i> , 2009, 25, 543-552.	10.1	156
4	Structure and Dynamics of Monomer-Template Complexation: An Explanation for Molecularly Imprinted Polymer Recognition Site Heterogeneity. <i>Journal of the American Chemical Society</i> , 2009, 131, 13297-13304.	13.7	112
5	A review of coccidiostats and the analysis of their residues in meat and other food. <i>Meat Science</i> , 2014, 97, 358-374.	5.5	102
6	Analyzing the Mechanisms of Selectivity in Biomimetic Self-Assemblies via IR and NMR Spectroscopy of Prepolymerization Solutions and Molecular Dynamics Simulations. <i>Analytical Chemistry</i> , 2005, 77, 5196-5204.	6.5	77
7	Correlated theoretical, spectroscopic and X-ray crystallographic studies of a non-covalent molecularly imprinted polymerisation system. <i>Analyst</i> , 2007, 132, 1161.	3.5	63
8	Determination of 20 coccidiostats in egg and avian muscle tissue using ultra high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1253, 94-104.	3.7	62
9	The use of ultra-high pressure liquid chromatography with tandem mass spectrometric detection in the analysis of agrochemical residues and mycotoxins in food – Challenges and applications. <i>Journal of Chromatography A</i> , 2013, 1292, 83-95.	3.7	53
10	Imprinted Polymeric Materials. Insight into the Nature of Prepolymerization Complexes of Quercetin Imprinted Polymers. <i>Analytical Chemistry</i> , 2006, 78, 6187-6190.	6.5	48
11	Design and implementation of an imprinted material for the extraction of the endocrine disruptor bisphenol A from milk. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 931, 164-169.	2.3	40
12	Simultaneous detection of four nitrofurans metabolites in honey using a multiplexing biochip screening assay. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4076-4081.	10.1	37
13	Residue analyses and exposure assessment of the Irish population to nitrofurans metabolites from different food commodities in 2009-2010. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013, 30, 1858-1869.	2.3	15