

# John A Masucci

## List of Publications by Year in descending order

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14  
papers

568  
citations

1040056

9  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

505  
citing authors

#	ARTICLE	IF	CITATIONS
1	The New Pre-Preclinical Paradigm: Compound Optimization in Early and Late Phase Drug Discovery. <i>Current Topics in Medicinal Chemistry</i> , 2001, 1, 353-366.	2.1	134
2	Allometric scaling of pharmacokinetic parameters in drug discovery: Can human CL, V <sub>ss</sub> and t <sub>1/2</sub> be predicted from in-vivo rat data?. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2004, 29, 133-143.	1.6	121
3	Evaluation of the immobilized artificial membrane phosphatidylcholine. <i>Journal of Chromatography A</i> , 1998, 800, 161-169.	3.7	81
4	Using capillary electrophoresis/frontal analysis to screen drugs interacting with human serum proteins. <i>Electrophoresis</i> , 1998, 19, 448-454.	2.4	61
5	In vitro permeability of eight $\beta$ -blockers through Caco-2 monolayers utilizing liquid chromatography/electrospray ionization mass spectrometry. , 1998, 33, 607-614.		44
6	Comparison of the retention behavior of $\beta$ -blockers using immobilized artificial membrane chromatography and lysophospholipid micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 1998, 810, 95-103.	3.7	30
7	Investigation of vesicle electrokinetic chromatography as an in vitro assay for the estimation of intestinal permeability of pharmaceutical drug candidates. <i>Electrophoresis</i> , 2006, 27, 793-804.	2.4	26
8	Biotransformation of Geldanamycin and 17-Allylamino-17-Demethoxygeldanamycin by Human Liver Microsomes: Reductive versus Oxidative Metabolism and Implications. <i>Drug Metabolism and Disposition</i> , 2007, 35, 21-29.	3.3	24
9	High Throughput Liquid Chromatography-Mass Spectrometry Assessment of the Metabolic Activity of Commercially Available Hepatocytes from 96-Well Plates. <i>Combinatorial Chemistry and High Throughput Screening</i> , 1999, 2, 39-51.	1.1	16
10	The use of the suicide CYP450 inhibitor ABT for distinguishing absorption and metabolism processes in in-vivo pharmacokinetic screens. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2005, 30, 75-83.	1.6	12
11	The Use of On-line and Off-line Chromatographic Extraction Techniques coupled with Mass Spectrometry for Support of In Vivo and In Vitro Assays in Drug Discovery. <i>Current Topics in Medicinal Chemistry</i> , 2001, 1, 463-471.	2.1	8
12	Applied Pharmacokinetics in Drug Development. <i>Pharmaceutical Development and Regulation</i> , 2003, 1, 117-132.	0.1	6
13	Evaluation of the effect of oxygen exposure on human liver microsomal metabolism of mitomycin C in the presence of glutathione using liquid chromatography-quadrupole time of flight mass spectrometry. <i>Analytical Biochemistry</i> , 2005, 343, 268-276.	2.4	5
14	Small Molecule Formulation Screening Strategies in Drug Discovery. <i>Methods in Pharmacology and Toxicology</i> , 2014, , 1-20.	0.2	0