Mary A Davis

List of Publications by Year
in descending order

16 papers	207 citations	1307366 7 h-index	1058333 14 g-index
16 all docs	16 docs citations	16 times ranked	284 citing authors

#	Article	IF	Citations
1	Meloxicam methyl group determines enzyme specificity for thiazole bioactivation compared to sudoxicam. Toxicology Letters, 2021, 338, 10-20.	0.4	12
2	International Society for the Study of Xenobiotics (ISSX) New Investigator Group Committee 2019â€“2020 concluding remarks. Drug Metabolism Reviews, 2021, 53, 1-6.	1.5	1
3	Recent advances in computational metabolite structure predictions and altered metabolic pathways assessment to inform drug development processes. Drug Metabolism Reviews, 2021, 53, 173-187.	1.5	2
4	Recent developments in predicting CYP-independent metabolism. Drug Metabolism Reviews, 2021, 53, 188-206.	1.5	5
5	Bioactivation of Isoxazole-Containing Bromodomain and Extra-Terminal Domain (BET) Inhibitors. Metabolites, 2021, 11, 390.	1.3	3
6	Impacts of diphenylamine NSAID halogenation on bioactivation risks. Toxicology, 2021, 458, 152832.	2.0	5
7	4-Methyl-1,2,3-Triazoles as N-Acetyl-Lysine Mimics Afford Potent BET Bromodomain Inhibitors with Improved Selectivity. Journal of Medicinal Chemistry, 2021, 64, 10497-10511.	2.9	22
8	Significance of Multiple Bioactivation Pathways for Meclofenamate as Revealed through Modeling and Reaction Kinetics. Drug Metabolism and Disposition, 2021, 49, 133-141.	1.7	7
9	CYP2C9 and 3A4 play opposing roles in bioactivation and detoxification of diphenylamine NSAIDs. Biochemical Pharmacology, 2021, 194, 114824.	2.0	5
10	Significance of Competing Metabolic Pathways for 5F-APINACA Based on Quantitative Kinetics. Molecules, 2020, 25, 4820.	1.7	2
11	Advances in the study of drug metabolism â€“ symposium report of the 12th Meeting of the International Society for the Study of Xenobiotics (ISSX). Drug Metabolism Reviews, 2020, 52, 395-407.	1.5	8
12	Dual mechanisms suppress meloxicam bioactivation relative to sudoxicam. Toxicology, 2020, 440, 152478.	2.0	16
13	Comprehensive kinetic and modeling analyses revealed CYP2C9 and 3A4 determine terbinafine metabolic clearance and bioactivation. Biochemical Pharmacology, 2019, 170, 113661.	2.0	13
14	CYP2C19 and 3A4 Dominate Metabolic Clearance and Bioactivation of Terbinafine Based on Computational and Experimental Approaches. Chemical Research in Toxicology, 2019, 32, 1151-1164.	1.7	12
15	Glutaminase inhibitor CB-839 increases radiation sensitivity of lung tumor cells and human lung tumor xenografts in mice. International Journal of Radiation Biology, 2019, 95, 436-442.	1.0	77
16	Lamisil (terbinafine) toxicity: Determining pathways to bioactivation through computational and experimental approaches. Biochemical Pharmacology, 2018, 156, 10-21.	2.0	17