Lars Weidolf

List of Publications by Year
in descending order

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32	2,461	331670 21	377865 34
papers	citations	h-index	g-index

34	34	34	2719
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Distribution and biotransformation of therapeutic antisense oligonucleotides and conjugates. Drug Discovery Today, 2021, 26, 2244-2258.	6.4	17
2	Qualification of impurities based on metabolite data. Regulatory Toxicology and Pharmacology, 2020, 110, 104524.	2.7	10
3	Hip To Be Square: Oxetanes as Design Elements To Alter Metabolic Pathways. Journal of Medicinal Chemistry, 2019, 62, 7383-7399.	6.4	30
4	Metabolism of Strained Rings: Glutathione S-transferaseâ€“Catalyzed Formation of a Glutathione-Conjugated Spiro-azetidine without Prior Bioactivation. Drug Metabolism and Disposition, 2019, 47, 1247-1256.	3.3	14
5	Drug metabolism and pharmacokinetic strategies for oligonucleotide- and mRNA-based drug development. Drug Discovery Today, 2018, 23, 1733-1745.	6.4	40
6	The metabolic fate of fenclozic acid in chimeric mice with a humanized liver. Archives of Toxicology, 2018, 92, 2819-2828.	4.2	11
7	Oxetane Substrates of Human Microsomal Epoxide Hydrolase. Drug Metabolism and Disposition, 2017, 45, 966-973.	3.3	19
8	Database Extraction of Metabolite Information of Drug Candidates: Analysis of 27 AstraZeneca Compounds with Human Absorption, Distribution, Metabolism, and Excretion Data. Drug Metabolism and Disposition, 2016, 44, 732-740.	3.3	9
9	Discovery of a Novel Microsomal Epoxide Hydrolase-Catalyzed Hydration of a Spiro Oxetane. Drug Metabolism and Disposition, 2016, 44, 1341-1348.	3.3	16
10	Electrochemical generation of drug metabolites with applications in drug discovery and development. TrAC - Trends in Analytical Chemistry, 2015, 70, 92-99.	11.4	35
11	Significantly Different Covalent Binding of Oxidative Metabolites, Acyl Glucuronides, and S-Acyl CoA Conjugates Formed from Xenobiotic Carboxylic Acids in Human Liver Microsomes. Chemical Research in Toxicology, 2015, 28, 886-896.	3.3	46
12	Troglitazone metabolism and transporter effects in chimeric mice: a comparison between chimeric humanized and chimeric murinized FRG mice. Xenobiotica, 2014, 44, 186-195.	1.1	16
13	Systemic Exposure to the Metabolites of Lesogaberan in Humans and Animals: A Case Study of Metabolites in Safety Testing. Drug Metabolism and Disposition, 2014, 42, 1016-1021.	3.3	12
14	Metabolism of Xenobiotic Carboxylic Acids: Focus on Coenzyme A Conjugation, Reactivity, and Interference with Lipid Metabolism. Chemical Research in Toxicology, 2013, 26, 1139-1155.	3.3	53
15	In Vitro Evaluation of Major In Vivo Drug Metabolic Pathways Using Primary Human Hepatocytes and HepaRG Cells in Suspension and a Dynamic Three-Dimensional Bioreactor System. Journal of Pharmacology and Experimental Therapeutics, 2012, 343, 134-144.	2.5	55
16	Use of Radiolabeled Compounds in Drug Metabolism and Pharmacokinetic Studies. Chemical Research in Toxicology, 2012, 25, 532-542.	3.3	226
17	In Vitro Approach to Assess the Potential for Risk of Idiosyncratic Adverse Reactions Caused by Candidate Drugs. Chemical Research in Toxicology, 2012, 25, 1616-1632.	3.3	197
18	Risk assessment and mitigation strategies for reactive metabolites in drug discovery and development. Chemico-Biological Interactions, 2011, 192, 65-71.	4.0	90

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19	In Vitro Metabolism of Haloperidol and Sila-Haloperidol: New Metabolic Pathways Resulting from Carbon/Silicon Exchange. Drug Metabolism and Disposition, 2010, 38, 73-83.	3.3	68
20	Novel Metabolites of Amodiaquine Formed by CYP1A1 and CYP1B1: Structure Elucidation Using Electrochemistry, Mass Spectrometry, and NMR. Drug Metabolism and Disposition, 2009, 37, 571-579.	3.3	67
21	Cytochrome P450-mediated activation of the fragrance compound geraniol forms potent contact allergens. Toxicology and Applied Pharmacology, 2008, 233, 308-313.	2.8	69
22	Stereoselective Disposition of Proton??Pump Inhibitors. Clinical Drug Investigation, 2008, 28, 263-279.	2.2	77
23	Electrochemical Generation of Electrophilic Drug Metabolites: Characterization of Amodiaquine Quinoneimine and Cysteinyl Conjugates by MS, IR, and NMR. Chemical Research in Toxicology, 2008, 21, 928-935.	3.3	54
24	State-of-the-art Tools for Computational Site of Metabolism Predictions: Comparative Analysis, Mechanistical Insights, and Future Applications. Drug Metabolism Reviews, 2007, 39, 61-86.	3.6	125
25	Enantiomer/Enantiomer Interactions between the S- and R- Isomers of Omeprazole in Human Cytochrome P450 Enzymes: Major Role of CYP2C19 and CYP3A4. Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 777-787.	2.5	43
26	Sensitive sulphur-specific detection of omeprazole metabolites in rat urine by high-performance liquid chromatography/inductively coupled plasma mass spectrometry. Rapid Communications in Mass Spectrometry, 2004, 18, 181-183.	1.5	33
27	COMPARISON OF INHIBITORY EFFECTS OF THE PROTON PUMP-INHIBITING DRUGS OMEPRAZOLE, ESOMEPRAZOLE, LANSOPRAZOLE, PANTOPRAZOLE, AND RABEPRAZOLE ON HUMAN CYTOCHROME P450 ACTIVITIES. Drug Metabolism and Disposition, 2004, 32, 821-827.	3.3	568
28	Comparison between electrochemistry/mass spectrometry and cytochrome P450 catalyzed oxidation reactions. Rapid Communications in Mass Spectrometry, 2003, 17, 800-810.	1.5	180
29	Pharmacokinetic Studies with Esomeprazole, the (S)-Isomer of Omeprazole. Clinical Pharmacokinetics, 2001, 40, 411-426.	3.5	204
30	Study of the electrospray ionization mass spectrometry of the proton pump inhibiting drug Omeprazole. Rapid Communications in Mass Spectrometry, 2001, 15, 283-290.	1.5	16
31	Structural and mechanistic aspects of transcriptional induction of cytochrome P450 1A1 by benzimidazole derivatives in rat hepatoma H4IIE cells. FEBS Journal, 1999, 261, 66-71.	0.2	37
32	Bimodal column switching liquid chromatographic assay of six metabolites of [14C] felodipine in rat urine. Biomedical Applications, 1985, 343, 85-97.	1.7	16