

Christine Wegler

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

435
citations

840585

11
h-index

839398

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g-index

18
all docs

18
docs citations

18
times ranked

586
citing authors

#	ARTICLE	IF	CITATIONS
1	Variability in Mass Spectrometry-based Quantification of Clinically Relevant Drug Transporters and Drug Metabolizing Enzymes. <i>Molecular Pharmaceutics</i> , 2017, 14, 3142-3151.	2.3	102
2	Intracellular drug bioavailability: a new predictor of system dependent drug disposition. <i>Scientific Reports</i> , 2017, 7, 43047.	1.6	59
3	Global variability analysis of mRNA and protein concentrations across and within human tissues. <i>NAR Genomics and Bioinformatics</i> , 2020, 2, lqz010.	1.5	40
4	Direct Quantification of Cytochromes P450 and Drug Transporters—A Rapid, Targeted Mass Spectrometry-Based Immunoassay Panel for Tissues and Cell Culture Lysates. <i>Drug Metabolism and Disposition</i> , 2018, 46, 387-396.	1.7	32
5	A CRISPR-Cas9 Generated MDCK Cell Line Expressing Human MDR1 Without Endogenous Canine MDR1 (cABC1): An Improved Tool for Drug Efflux Studies. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 2909-2913.	1.6	31
6	A Comparative Analysis of Cytochrome P450 Activities in Paired Liver and Small Intestinal Samples from Patients with Obesity. <i>Drug Metabolism and Disposition</i> , 2020, 48, 8-17.	1.7	27
7	Subcellular fractionation of human liver reveals limits in global proteomic quantification from isolated fractions. <i>Analytical Biochemistry</i> , 2016, 509, 82-88.	1.1	25
8	Multiple-Enzyme-Digestion Strategy Improves Accuracy and Sensitivity of Label- and Standard-Free Absolute Quantification to a Level That Is Achievable by Analysis with Stable Isotope-Labeled Standard Spiking. <i>Journal of Proteome Research</i> , 2018, 18, 217-224.	1.8	21
9	Drug Disposition Protein Quantification in Matched Human Jejunum and Liver From Donors With Obesity. <i>Clinical Pharmacology and Therapeutics</i> , 2022, 111, 1142-1154.	2.3	16
10	Proteomics-Informed Prediction of Rosuvastatin Plasma Profiles in Patients With a Wide Range of Body Weight. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 109, 762-771.	2.3	15
11	Short- and long-term effects of body weight loss following calorie restriction and gastric bypass on CYP3A activity—a non-randomized three-armed controlled trial. <i>Clinical and Translational Science</i> , 2022, 15, 221-233.	1.5	13
12	Short- and long-term effects of body weight, calorie restriction and gastric bypass on CYP1A2, CYP2C19 and CYP2C9 activity. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 4121-4133.	1.1	13
13	Expanding the Efflux In Vitro Assay Toolbox: A CRISPR-Cas9 Edited MDCK Cell Line with Human BCRP and Completely Lacking Canine MDR1. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 388-396.	1.6	9
14	Influence of Proteome Profiles and Intracellular Drug Exposure on Differences in CYP Activity in Donor-Matched Human Liver Microsomes and Hepatocytes. <i>Molecular Pharmaceutics</i> , 2021, 18, 1792-1805.	2.3	9
15	Correlations between 4 β -hydroxycholesterol and hepatic and intestinal CYP3A4: protein expression, microsomal ex vivo activity, and in vivo activity in patients with a wide body weight range. <i>European Journal of Clinical Pharmacology</i> , 2022, 78, 1289-1299.	0.8	9
16	Hepatocyte size fractionation allows dissection of human liver zonation. <i>Journal of Cellular Physiology</i> , 2021, 236, 5885-5894.	2.0	7
17	Proteomics-Informed Identification of Luminal Targets For In Situ Diagnosis of Inflammatory Bowel Disease. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 239-250.	1.6	4
18	Inhibition of prolyl oligopeptidase: A promising pathway to prevent the progression of age-related macular degeneration. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112501.	2.5	3