Yitong Liu

List of Publications by Year in descending order

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Version: 2024-02-01

27	1,162	471061 17	552369 26
papers	citations	h-index	g-index

27	27	27	2010
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Extensive Intestinal First-Pass Elimination and Predominant Hepatic Distribution of Berberine Explain Its Low Plasma Levels in Rats. Drug Metabolism and Disposition, 2010, 38, 1779-1784.	1.7	248
2	Drugs as CYP3A Probes, Inducers, and Inhibitors. Drug Metabolism Reviews, 2007, 39, 699-721.	1.5	171
3	Electron spin resonance spectroscopy for the study of nanomaterial-mediated generation of reactive oxygen species. Journal of Food and Drug Analysis, 2014, 22, 49-63.	0.9	163
4	Oxidative demethylenation and subsequent glucuronidation are the major metabolic pathways of berberine in rats. Journal of Pharmaceutical Sciences, 2009, 98, 4391-4401.	1.6	86
5	An approach to identifying sequential metabolites of a typical phenylethanoid glycoside, echinacoside, based on liquid chromatographyâ€“ion trap-time of flight mass spectrometry analysis. Talanta, 2009, 80, 572-580.	2.9	65
6	A transcriptomic study suggesting human iPSC-derived hepatocytes potentially offer a better in vitro model of hepatotoxicity than most hepatoma cell lines. Cell Biology and Toxicology, 2017, 33, 407-421.	2.4	61
7	Effects of Short-Term and Long-Term Pretreatment of Schisandra Lignans on Regulating Hepatic and Intestinal CYP3A in Rats. Drug Metabolism and Disposition, 2009, 37, 2399-2407.	1.7	47
8	Characterization of Pharmacokinetic Profiles and Metabolic Pathways of 20(S)-Ginsenoside Rh1in vivoandin vitro. Planta Medica, 2009, 75, 797-802.	0.7	41
9	Metabolism and metabolic inhibition of gambogic acid in rat liver microsomes. Acta Pharmacologica Sinica, 2006, 27, 1253-1258.	2.8	32
10	Inhibition of monoamine oxidase (MAO) by Î²-carbolines and their interactions in live neuronal (PC12) and liver (HuH-7 and MH1C1) cells. Toxicology in Vitro, 2014, 28, 403-410.	1.1	29
11	Regioselective Glucuronidation of Tanshinone IIa after Quinone Reduction: Identification of Human UDP-Glucuronosyltransferases, Species Differences, and Interaction Potential. Drug Metabolism and Disposition, 2010, 38, 1132-1140.	1.7	28
12	A fluorescence assay for measuring acetylcholinesterase activity in rat blood and a human neuroblastoma cell line (SH-SY5Y). Journal of Pharmacological and Toxicological Methods, 2015, 76, 15-22.	0.3	28
13	CYP3A4 inhibition by Psoralea corylifolia and its major components in human recombinant enzyme, differentiated human hepatoma HuH-7 and HepaRG cells. Toxicology Reports, 2015, 2, 530-534.	1.6	21
14	Incorporation of absorption and metabolism into liver toxicity prediction for phytochemicals: A tiered in silico QSAR approach. Food and Chemical Toxicology, 2018, 118, 409-415.	1.8	21
15	Liver toxicity of anthraquinones: A combined in vitro cytotoxicity and in silico reverse dosimetry evaluation. Food and Chemical Toxicology, 2020, 140, 111313.	1.8	21
16	Effects of dietary phenolics and botanical extracts on hepatotoxicity-related endpoints in human and rat hepatoma cells and statistical models for prediction of hepatotoxicity. Food and Chemical Toxicology, 2011, 49, 1820-1827.	1.8	19
17	Evaluation of CYP3A4 inhibition and hepatotoxicity using DMSO-treated human hepatoma HuH-7 cells. Cell Biology and Toxicology, 2015, 31, 221-230.	2.4	19
18	Use of the Combination Index to determine interactions between plant-derived phenolic acids on hepatotoxicity endpoints in human and rat hepatoma cells. Phytomedicine, 2013, 20, 461-468.	2.3	15

#	Article	IF	Citations
19	Anthraquinones inhibit cytochromes P450 enzyme activity in silico and in vitro. Journal of Applied Toxicology, 2021, 41, 1438-1445.	1.4	11
20	Identification of acetylcholinesterase inhibitors using homogenous cellâ€based assays in quantitative highâ€throughput screening platforms. Biotechnology Journal, 2017, 12, 1600715.	1.8	10
21	Cytochrome P450 2D6 and 3A4 enzyme inhibition by amine stimulants in dietary supplements. Drug Testing and Analysis, 2016, 8, 307-310.	1.6	9
22	Determination of 20(S)-Ginsenoside Rh1 and its Aglycone 20(S)-Protopanaxatriol in Rat Plasma by Sensitive LC-APCI-MS Method and its Application to Pharmacokinetic Study. European Journal of Mass Spectrometry, 2009, 15, 57-65.	0.5	6
23	Sex hormone modulation of both induction and inhibition of CYP1A by genistein in HepG2/C3A cells. In Vitro Cellular and Developmental Biology - Animal, 2015, 51, 426-431.	0.7	6
24	In silico evaluation of pharmacokinetics and acute toxicity of withanolides in Ashawagandha. Phytochemistry Letters, 2022, 47, 130-135.	0.6	3
25	Study Liver Cytochrome P450 3A4 Inhibition and Hepatotoxicity Using DMSO-Differentiated HuH-7 Cells. Methods in Molecular Biology, 2016, 1473, 63-70.	0.4	1
26	Use In Silico and In Vitro Methods to Screen Hepatotoxic Chemicals and CYP450 Enzyme Inhibitors. Methods in Molecular Biology, 2022, 2474, 189-198.	0.4	1
27	Study Liver Cytochrome P450 3A4 Inhibition and Hepatotoxicity Using DMSO-Differentiated HuH-7 Cells. Methods in Molecular Biology, 2022, 2474, 39-46.	0.4	0