Yong Liu

List of Publications by Citations

92 papers	2,112 citations	26 h-index	43 g-index
94 ext. papers	2,386 ext. citations	3.7 avg, IF	4.5 L-index

#	Paper	IF	Citations
92	Mitochondrial and nuclear DNA damage induced by curcumin in human hepatoma G2 cells. *Toxicological Sciences*, **2006**, 91, 476-83	4.4	164
91	Curcumin induces apoptosis through mitochondrial hyperpolarization and mtDNA damage in human hepatoma G2 cells. *Free Radical Biology and Medicine*, **2007**, 43, 968-75	7.8	150
90	Ginsenoside metabolites, rather than naturally occurring ginsenosides, lead to inhibition of human cytochrome P450 enzymes. *Toxicological Sciences*, **2006**, 91, 356-64	4.4	103
89	Curcumin attenuates acrylamide-induced cytotoxicity and genotoxicity in HepG2 cells by ROS scavenging. *Journal of Agricultural and Food Chemistry*, **2008**, 56, 12059-63	5.7	102
88	Protocatechuic aldehyde suppresses TNF-alpha-induced ICAM-1 and VCAM-1 expression in human umbilical vein endothelial cells. *European Journal of Pharmacology*, **2005**, 513, 1-8	5.3	93
87	Comparison of the drug-drug interactions potential of erlotinib and gefitinib via inhibition of UDP-glucuronosyltransferases. *Drug Metabolism and Disposition*, **2010**, 38, 32-9	4	75
86	Decreased warfarin clearance associated with the CYP2C9 R150H (*8) polymorphism. *Clinical Pharmacology and Therapeutics*, **2012**, 91, 660-5	6.1	74
85	In vitro and in vivo oxidative metabolism and glucuronidation of anastrozole. *British Journal of Clinical Pharmacology*, **2010**, 70, 854-69	3.8	57
84	Inhibitory effects of sanguinarine on human liver cytochrome P450 enzymes. *Food and Chemical Toxicology*, **2013**, 56, 392-7	4.7	54
83	Characterization of triptolide hydroxylation by cytochrome P450 in human and rat liver microsomes. *Xenobiotica*, **2008**, 38, 1551-65	2	54
82	Preparation of an Electrically Conductive Graphene Oxide/Chitosan Scaffold for Cardiac Tissue Engineering. *Applied Biochemistry and Biotechnology*, **2019**, 188, 952-964	3.2	49
81	Potent and selective inhibition of magnolol on catalytic activities of UGT1A7 and 1A9. *Xenobiotica*, **2012**, 42, 1001-8	2	49
80	Inhibition of paracetamol glucuronidation by tyrosine kinase inhibitors. *British Journal of Clinical Pharmacology*, **2011**, 71, 917-20	3.8	48
79	Gambogic acid and epigambogic acid, C-2 epimers with novel anticancer effects from Garcinia hanburyi. *Planta Medica*, **2006**, 72, 281-4	3.1	48
78	Inhibition of human liver cytochrome P450 by star fruit juice. *Journal of Pharmacy and Pharmaceutical Sciences*, **2007**, 10, 496-503	3.4	46
77	Structure-inhibition relationship of ginsenosides towards UDP-glucuronosyltransferases (UGTs). *Toxicology and Applied Pharmacology*, **2013**, 267, 149-54	4.6	44
76	Selectivity for inhibition of nilotinib on the catalytic activity of human UDP-glucuronosyltransferases. *Xenobiotica*, **2014**, 44, 320-5	2	44

75	Influence of ginsenoside Rh1 and F1 on human cytochrome p450 enzymes. *Planta Medica*, **2006**, 72, 126-31	3.1	42
74	Curcumin-induced genotoxicity and antigenotoxicity in HepG2 cells. *Toxicon*, **2007**, 49, 1219-22	2.8	36
73	Interactions between phytochemicals from traditional Chinese medicines and human cytochrome P450 enzymes. *Current Drug Metabolism*, **2012**, 13, 599-614	3.5	35
72	Anti-androgen-independent prostate cancer effects of ginsenoside metabolites in vitro: mechanism and possible structure-activity relationship investigation. *Archives of Pharmacal Research*, **2009**, 32, 49-57	6.1	34
71	Drug-Drug Interaction Potentials of Tyrosine Kinase Inhibitors via Inhibition of UDP-Glucuronosyltransferases. *Scientific Reports*, **2015**, 5, 17778	4.9	33
70	UDP-glucuronosyltransferase 1A6 is the major isozyme responsible for protocatechuic aldehyde glucuronidation in human liver microsomes. *Drug Metabolism and Disposition*, **2008**, 36, 1562-9	4	31
69	The association between CYP2C9/2C19 polymorphisms and phenytoin maintenance doses in Asian epileptic patients: A systematic review and meta-analysis?. *International Journal of Clinical Pharmacology and Therapeutics*, **2018**, 56, 337-346	2	29
68	Ginsenoside metabolites inhibit P-glycoprotein in vitro and in situ using three absorption models. *Planta Medica*, **2014**, 80, 290-6	3.1	28
67	Characterization of hepatic drug-metabolizing activities of Bama miniature pigs (Sus scrofa domestica): comparison with human enzyme analogs. *Comparative Medicine*, **2006**, 56, 286-90	1.6	26
66	Characterization of human cytochrome P450 isoforms involved in the metabolism of 7-epi-paclitaxel. *Xenobiotica*, **2009**, 39, 283-92	2	25
65	The inhibitory effect of intestinal bacterial metabolite of ginsenosides on CYP3A activity. *Biological and Pharmaceutical Bulletin*, **2004**, 27, 1555-60	2.3	25
64	A dammarane glycoside derived from ginsenoside Rb3. *Chemical and Pharmaceutical Bulletin*, **2005**, 53, 177-9	1.9	25
63	Taxane Ts substituents at C3Taffect its regioselective metabolism: different in vitro metabolism of cephalomannine and paclitaxel. *Drug Metabolism and Disposition*, **2008**, 36, 418-26	4	24
62	Metabolic profiling and cytochrome P450 reaction phenotyping of medroxyprogesterone acetate. *Drug Metabolism and Disposition*, **2008**, 36, 2292-8	4	24
61	Glucuronidation, a new metabolic pathway for pyrrolizidine alkaloids. *Chemical Research in Toxicology*, **2010**, 23, 591-9	4	23
60	New insights for the risk of bisphenol A: inhibition of UDP-glucuronosyltransferases (UGTs). *Chemosphere*, **2013**, 93, 1189-93	8.4	22
59	Inhibitory effect of medroxyprogesterone acetate on human liver cytochrome P450 enzymes. *European Journal of Clinical Pharmacology*, **2006**, 62, 497-502	2.8	22
58	The interaction of Atg4B and Bcl-2 plays an important role in Cd-induced crosstalk between apoptosis and autophagy through disassociation of Bcl-2-Beclin1 in A549 cells. *Free Radical Biology and Medicine*, **2019**, 130, 576-591	7.8	21

57	Cr (VI) induces crosstalk between apoptosis and autophagy through endoplasmic reticulum stress in A549 cells. *Chemico-Biological Interactions*, **2019**, 298, 35-42	5	20
56	Deoxyschizandrin, a naturally occurring lignan, is a specific probe substrate of human cytochrome P450 3A. *Drug Metabolism and Disposition*, **2014**, 42, 94-104	4	19
55	Hydroxylation of tanshinone IIa in human liver microsomes is specifically catalysed by cytochrome P4502A6. *Xenobiotica*, **2009**, 39, 382-90	2	19
54	Characterization of UDP-glucuronosyltransferases involved in glucuronidation of diethylstilbestrol in human liver and intestine. *Chemical Research in Toxicology*, **2012**, 25, 2663-9	4	17
53	The UGT1A1*28 polymorphism correlates with erlotinibЂs effect on SN-38 glucuronidation. *European Journal of Cancer*, **2010**, 46, 2097-103	7.5	17
52	C-7 configuration as one of determinants in taxanes metabolism by human cytochrome P450 enzymes. *Xenobiotica*, **2009**, 39, 903-14	2	17
51	HMGA2 plays an important role in Cr (VI)-induced autophagy. *International Journal of Cancer*, **2017**, 141, 986-997	7.5	16
50	Identification of the UDP-glucuronosyltransferase isozyme involved in senecionine glucuronidation in human liver microsomes. *Drug Metabolism and Disposition*, **2010**, 38, 626-34	4	16
49	Drug-Drug Interactions Potential of Icariin and Its Intestinal Metabolites via Inhibition of Intestinal UDP-Glucuronosyltransferases. *Evidence-based Complementary and Alternative Medicine*, **2012**, 2012, 395912	2.3	16
48	Characterization of cardamonin metabolism by P450 in different species via HPLC-ESI-ion trap and UPLC-ESI-quadrupole mass spectrometry. *Acta Pharmacologica Sinica*, **2009**, 30, 1462-70	8	13
47	CYP1A2 is the major isoform responsible for paeonol O-demethylation in human liver microsomes. *Xenobiotica*, **2009**, 39, 672-9	2	12
46	Determination of UDP-glucuronosyltransferase UGT2B7 activity in human liver microsomes by ultra-performance liquid chromatography with MS detection. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2008**, 870, 84-90	3.2	11
45	Early metabolism evaluation making traditional Chinese medicine effective and safe therapeutics. *Journal of Zhejiang University: Science B*, **2006**, 7, 99-106	4.5	11
44	Induction of CYP1A1 increases gefitinib-induced oxidative stress and apoptosis in A549 cells. *Toxicology in Vitro*, **2017**, 44, 36-43	3.6	10
43	Comparison of the protein expression of calpain-1, calpain-2, calpastatin and calmodulin between gastric cancer and normal gastric mucosa. *Oncology Letters*, **2017**, 14, 3705-3710	2.6	10
42	Inhibition of SN-38 glucuronidation by gefitinib and its metabolite. *Cancer Chemotherapy and Pharmacology*, **2015**, 75, 1253-60	3.5	10
41	MAPKs are not involved in triptolide-induced cell growth inhibition and apoptosis in prostate cancer cell lines with different p53 status. *Planta Medica*, **2011**, 77, 27-31	3.1	9
40	Ultra-performance liquid chromatographic-electrospray mass spectrometric determination (UPLC-ESI-MS) of O-demethylated metabolite of paeonol in vitro: assay development, human liver microsome activities and species differences. *Talanta*, **2009**, 79, 1433-40	6.2	9

39	Synthesis and Structure-Activity Relationship of Daphnetin Derivatives as Potent Antioxidant Agents. *Molecules*, **2018**, 23,	4.8	9
38	ATF4-mediated autophagy-dependent glycolysis plays an important role in attenuating apoptosis induced by Cr (VI) in A549 cells. *Toxicology Letters*, **2020**, 331, 178-187	4.4	8
37	Acceptor specificity and transfer efficiency of a beta-glycosidase from the Chinese white jade snail. *Bioscience, Biotechnology and Biochemistry*, **2009**, 73, 671-6	2.1	6
36	A fast screening model for drug permeability assessment based on native small intestinal extracellular matrix.. *RSC Advances*, **2018**, 8, 34514-34524	3.7	6
35	Inhibition of human UDP-glucuronosyltransferase enzymes by midostaurin and ruxolitinib: implications for drug-drug interactions. *Biopharmaceutics and Drug Disposition*, **2020**, 41, 231-238	1.7	5
34	Metabolism-directed structure optimization of benzimidazole-based Francisella tularensis enoyl-reductase (FabI) inhibitors. *Xenobiotica*, **2014**, 44, 404-16	2	5
33	Exploring the inhibitory mechanism of piceatannol on β-glucosidase relevant to diabetes mellitus.. *RSC Advances*, **2020**, 10, 4529-4537	3.7	5
32	evaluation of the effect of C-4 substitution on methylation of 7,8-dihydroxycoumarin: metabolic profile and catalytic kinetics. *Royal Society Open Science*, **2018**, 5, 171271	3.3	4
31	Pterostilbene supplements carry the risk of drug interaction via inhibition of UDP-glucuronosyltransferases (UGT) 1A9 enzymes. *Toxicology Letters*, **2020**, 320, 46-51	4.4	4
30	Accurate and sensitive detection of Catechol-O-methyltransferase activity by liquid chromatography with fluorescence detection. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2020**, 1157, 122333	3.2	4
29	Synthesis and structure-activity relationship of coumarins as potent Mcl-1 inhibitors for cancer treatment. *Bioorganic and Medicinal Chemistry*, **2021**, 29, 115851	3.4	4
28	Cadmium induces cell growth in A549 and HELF cells via autophagy-dependent glycolysis. *Toxicology in Vitro*, **2020**, 66, 104834	3.6	3
27	Alteration of Androgen Receptor Protein Stability by Triptolide in LNCaP Cells. *Medicina (Lithuania)*, **2018**, 54,	3.1	3
26	Identification and Structure-Activity Studies of 1,3-Dibenzyl-2-aryl imidazolidines as Novel Hsp90 Inhibitors. *Molecules*, **2019**, 24,	4.8	3
25	C5-hydroxylation of liquiritigenin is catalyzed selectively by CYP1A2. *Xenobiotica*, **2011**, 41, 349-57	2	3
24	Deoxynojirimycin enhanced the transglycosylation activity of a glycosidase from the China white jade snail. *Journal of Biotechnology*, **2009**, 139, 229-35	3.7	3
23	Modeling resistance index of taxoids to MCF-7 cell lines using ANN together with electrotopological state descriptors. *Acta Pharmacologica Sinica*, **2008**, 29, 385-96	8	3
22	Piceatannol exhibits potential food-drug interactions through the inhibition of human UDP-glucuronosyltransferase (UGT) in Vitro. *Toxicology in Vitro*, **2020**, 67, 104890	3.6	3

21	Computational explanation for bioactivation mechanism of targeted anticancer agents mediated by cytochrome P450s: A case of Erlotinib. *PLoS ONE*, **2017**, 12, e0179333	3.7	2
20	The label-free detection and distinction of CYP2C9-expressing and non-expressing cells by surface-enhanced Raman scattering substrates based on bimetallic AuNPs-AgNWs.. *RSC Advances*, **2019**, 9, 13304-13315	3.7	2
19	Compared of efficacy and safety of high-dose donepezil vs standard-dose donepezil among elderly patients with Alzheimer's disease: a systematic review and meta-analysis.. *Expert Opinion on Drug Safety*, **2022**, 1-9	4.1	2
18	Cr (VI) induced mitophagy via the interaction of HMGA2 and PARK2. *Toxicology Letters*, **2020**, 333, 261-268	4.4	2
17	Risk prediction of drug-drug interaction potential of phenytoin and miconazole topical formulations. *Chemico-Biological Interactions*, **2021**, 343, 109498	5	2
16	Inhibition of human UDP-glucuronosyltransferase enzyme by Dabrafenib: Implications for drug-drug interactions. *Biomedical Chromatography*, **2021**, 35, e5205	1.7	2
15	Comparison of Hepatotoxicity Associated With New BCR-ABL Tyrosine Kinase Inhibitors vs Imatinib Among Patients With Chronic Myeloid Leukemia: A Systematic Review and Meta-analysis. *JAMA Network Open*, **2021**, 4, e2120165	10.4	2
14	N1, N12-Diacetylspermine Is Elevated in Colorectal Cancer and Promotes Proliferation through the miR-559/CBS Axis in Cancer Cell Lines. *Journal of Oncology*, **2021**, 2021, 6665704	4.5	2
13	Conformational turn triggers regio-selectivity in the bioactivation of thiophene-contained compounds mediated by cytochrome P450. *Journal of Biological Inorganic Chemistry*, **2019**, 24, 1023-1033	2.7	1
12	The pharmacokinetic interaction between irinotecan and sunitinib. *Cancer Chemotherapy and Pharmacology*, **2020**, 85, 443-448	3.5	1
11	Inhibition of human UDP-glucuronosyltransferase enzyme by belinostat: Implications for drug-drug interactions. *Toxicology Letters*, **2021**, 338, 51-57	4.4	1
10	In vitro inhibition of human UDP-glucuronosyltransferase (UGT) 1A1 by osimertinib, and prediction of in vivo drug-drug interactions. *Toxicology Letters*, **2021**, 348, 10-17	4.4	1
9	Association between gene polymorphism and adverse effects in cancer patients receiving docetaxel treatment: a meta-analysis.. *Cancer Chemotherapy and Pharmacology*, **2022**, 89, 173	3.5	0
8	Prediction of Drug-Drug Interaction Between Dabrafenib and Irinotecan via UGT1A1-Mediated Glucuronidation.. *European Journal of Drug Metabolism and Pharmacokinetics*, **2022**, 1	2.7	0
7	Highly Sensitive and Selective Detection of Cytochrome P450 46A1 Activity by UPLC-MS/MS Method. *Biomedical Chromatography*, **2021**, e5291	1.7	0
6	Potential herb-drug interaction risk of thymoquinone and phenytoin.. *Chemico-Biological Interactions*, **2022**, 353, 109801	5	0
5	The crosstalk between mitochondrial dysfunction and endoplasmic reticulum stress promoted ATF4-mediated mitophagy induced by hexavalent chromium. *Environmental Toxicology*, **2021**, 36, 1162-1172	4.2	0
4	Comparison of the drug-drug interactions potential of ibrutinib and acalabrutinib via inhibition of UDP-glucuronosyltransferase. *Toxicology and Applied Pharmacology*, **2021**, 424, 115595	4.6	0

3	Efficacy and safety of levetiracetam versus (fos)phenytoin for second-line treatment of epilepticus: a meta-analysis of latest randomized controlled trials. *Seizure: the Journal of the British Epilepsy Association*, **2021**, 91, 339-345	3.2	0
2	A requirement for autophagy in HMGA2-induced metabolic reprogramming to support Cd-induced migration. *Toxicology*, **2021**, 462, 152928	4.4	0
1	Discovery of novel potential KIT inhibitors for the treatment of gastrointestinal stromal tumor. *Open Life Sciences*, **2021**, 16, 303-310	1.2	