

Yong Liu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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.. <i>Expert Opinion on Drug Safety</i> , 2022 , 1-9	4.1	2
91	Association between gene polymorphism and adverse effects in cancer patients receiving docetaxel treatment: a meta-analysis.. <i>Cancer Chemotherapy and Pharmacology</i> , 2022 , 89, 173	3.5	0
90	Prediction of Drug-Drug Interaction Between Dabrafenib and Irinotecan via UGT1A1-Mediated Glucuronidation.. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2022 , 1	2.7	0
89	Potential herb-drug interaction risk of thymoquinone and phenytoin.. <i>Chemico-Biological Interactions</i> , 2022 , 353, 109801	5	0
88	Highly Sensitive and Selective Detection of Cytochrome P450 46A1 Activity by UPLC-MS/MS Method. <i>Biomedical Chromatography</i> , 2021 , e5291	1.7	0
87	The crosstalk between mitochondrial dysfunction and endoplasmic reticulum stress promoted ATF4-mediated mitophagy induced by hexavalent chromium. <i>Environmental Toxicology</i> , 2021 , 36, 1162-1172	1.72	0
86	Risk prediction of drug-drug interaction potential of phenytoin and miconazole topical formulations. <i>Chemico-Biological Interactions</i> , 2021 , 343, 109498	5	2
85	Inhibition of human UDP-glucuronosyltransferase enzyme by Dabrafenib: Implications for drug-drug interactions. <i>Biomedical Chromatography</i> , 2021 , 35, e5205	1.7	2
84	Synthesis and structure-activity relationship of coumarins as potent Mcl-1 inhibitors for cancer treatment. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 29, 115851	3.4	4
83	Inhibition of human UDP-glucuronosyltransferase enzyme by belinostat: Implications for drug-drug interactions. <i>Toxicology Letters</i> , 2021 , 338, 51-57	4.4	1
82	Discovery of novel potential KIT inhibitors for the treatment of gastrointestinal stromal tumor. <i>Open Life Sciences</i> , 2021 , 16, 303-310	1.2	
81	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. <i>JAMA Network Open</i> , 2021 , 4, e2120165	10.4	2
80	Comparison of the drug-drug interactions potential of ibrutinib and acalabrutinib via inhibition of UDP-glucuronosyltransferase. <i>Toxicology and Applied Pharmacology</i> , 2021 , 424, 115595	4.6	0
79	N1, N12-Diacetylspermine Is Elevated in Colorectal Cancer and Promotes Proliferation through the miR-559/CBS Axis in Cancer Cell Lines. <i>Journal of Oncology</i> , 2021 , 2021, 6665704	4.5	2
78	In vitro inhibition of human UDP-glucuronosyltransferase (UGT) 1A1 by osimertinib, and prediction of in vivo drug-drug interactions. <i>Toxicology Letters</i> , 2021 , 348, 10-17	4.4	1
77	Efficacy and safety of levetiracetam versus (fos)phenytoin for second-line treatment of epilepticus: a meta-analysis of latest randomized controlled trials. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021 , 91, 339-345	3.2	0
76	A requirement for autophagy in HMGA2-induced metabolic reprogramming to support Cd-induced migration. <i>Toxicology</i> , 2021 , 462, 152928	4.4	0

75	Inhibition of human UDP-glucuronosyltransferase enzymes by midostaurin and ruxolitinib: implications for drug-drug interactions. <i>Biopharmaceutics and Drug Disposition</i> , 2020 , 41, 231-238	1.7	5
74	ATF4-mediated autophagy-dependent glycolysis plays an important role in attenuating apoptosis induced by Cr (VI) in A549 cells. <i>Toxicology Letters</i> , 2020 , 331, 178-187	4.4	8
73	Cadmium induces cell growth in A549 and HELF cells via autophagy-dependent glycolysis. <i>Toxicology in Vitro</i> , 2020 , 66, 104834	3.6	3
72	Piceatannol exhibits potential food-drug interactions through the inhibition of human UDP-glucuronosyltransferase (UGT) in Vitro. <i>Toxicology in Vitro</i> , 2020 , 67, 104890	3.6	3
71	Exploring the inhibitory mechanism of piceatannol on α -glucosidase relevant to diabetes mellitus.. <i>RSC Advances</i> , 2020 , 10, 4529-4537	3.7	5
70	The pharmacokinetic interaction between irinotecan and sunitinib. <i>Cancer Chemotherapy and Pharmacology</i> , 2020 , 85, 443-448	3.5	1
69	Pterostilbene supplements carry the risk of drug interaction via inhibition of UDP-glucuronosyltransferases (UGT) 1A9 enzymes. <i>Toxicology Letters</i> , 2020 , 320, 46-51	4.4	4
68	Cr (VI) induced mitophagy via the interaction of HMGA2 and PARK2. <i>Toxicology Letters</i> , 2020 , 333, 261-268	4.4	2
67	Accurate and sensitive detection of Catechol-O-methyltransferase activity by liquid chromatography with fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1157, 122333	3.2	4
66	Conformational turn triggers regio-selectivity in the bioactivation of thiophene-contained compounds mediated by cytochrome P450. <i>Journal of Biological Inorganic Chemistry</i> , 2019 , 24, 1023-1033	3.7	1
65	Preparation of an Electrically Conductive Graphene Oxide/Chitosan Scaffold for Cardiac Tissue Engineering. <i>Applied Biochemistry and Biotechnology</i> , 2019 , 188, 952-964	3.2	49
64	The label-free detection and distinction of CYP2C9-expressing and non-expressing cells by surface-enhanced Raman scattering substrates based on bimetallic AuNPs-AgNWs.. <i>RSC Advances</i> , 2019 , 9, 13304-13315	3.7	2
63	Identification and Structure-Activity Studies of 1,3-Dibenzyl-2-aryl imidazolidines as Novel Hsp90 Inhibitors. <i>Molecules</i> , 2019 , 24,	4.8	3
62	Cr (VI) induces crosstalk between apoptosis and autophagy through endoplasmic reticulum stress in A549 cells. <i>Chemico-Biological Interactions</i> , 2019 , 298, 35-42	5	20
61	The interaction of Atg4B and Bcl-2 plays an important role in Cd-induced crosstalk between apoptosis and autophagy through disassociation of Bcl-2-Bec1 in A549 cells. <i>Free Radical Biology and Medicine</i> , 2019 , 130, 576-591	7.8	21
60	evaluation of the effect of C-4 substitution on methylation of 7,8-dihydroxycoumarin: metabolic profile and catalytic kinetics. <i>Royal Society Open Science</i> , 2018 , 5, 171271	3.3	4
59	Alteration of Androgen Receptor Protein Stability by Triptolide in LNCaP Cells. <i>Medicina (Lithuania)</i> , 2018 , 54,	3.1	3
58	The association between CYP2C9/2C19 polymorphisms and phenytoin maintenance doses in Asian epileptic patients: A systematic review and meta-analysis?. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2018 , 56, 337-346	2	29

57	A fast screening model for drug permeability assessment based on native small intestinal extracellular matrix.. <i>RSC Advances</i> , 2018 , 8, 34514-34524	3.7	6
56	Synthesis and Structure-Activity Relationship of Daphnetin Derivatives as Potent Antioxidant Agents. <i>Molecules</i> , 2018 , 23,	4.8	9
55	HMGA2 plays an important role in Cr (VI)-induced autophagy. <i>International Journal of Cancer</i> , 2017 , 141, 986-997	7.5	16
54	Induction of CYP1A1 increases gefitinib-induced oxidative stress and apoptosis in A549 cells. <i>Toxicology in Vitro</i> , 2017 , 44, 36-43	3.6	10
53	Computational explanation for bioactivation mechanism of targeted anticancer agents mediated by cytochrome P450s: A case of Erlotinib. <i>PLoS ONE</i> , 2017 , 12, e0179333	3.7	2
52	Comparison of the protein expression of calpain-1, calpain-2, calpastatin and calmodulin between gastric cancer and normal gastric mucosa. <i>Oncology Letters</i> , 2017 , 14, 3705-3710	2.6	10
51	Drug-Drug Interaction Potentials of Tyrosine Kinase Inhibitors via Inhibition of UDP-Glucuronosyltransferases. <i>Scientific Reports</i> , 2015 , 5, 17778	4.9	33
50	Inhibition of SN-38 glucuronidation by gefitinib and its metabolite. <i>Cancer Chemotherapy and Pharmacology</i> , 2015 , 75, 1253-60	3.5	10
49	Deoxyschizandrin, a naturally occurring lignan, is a specific probe substrate of human cytochrome P450 3A. <i>Drug Metabolism and Disposition</i> , 2014 , 42, 94-104	4	19
48	Ginsenoside metabolites inhibit P-glycoprotein in vitro and in situ using three absorption models. <i>Planta Medica</i> , 2014 , 80, 290-6	3.1	28
47	Metabolism-directed structure optimization of benzimidazole-based Francisella tularensis enoyl-reductase (Fabi) inhibitors. <i>Xenobiotica</i> , 2014 , 44, 404-16	2	5
46	Selectivity for inhibition of nilotinib on the catalytic activity of human UDP-glucuronosyltransferases. <i>Xenobiotica</i> , 2014 , 44, 320-5	2	44
45	Structure-inhibition relationship of ginsenosides towards UDP-glucuronosyltransferases (UGTs). <i>Toxicology and Applied Pharmacology</i> , 2013 , 267, 149-54	4.6	44
44	New insights for the risk of bisphenol A: inhibition of UDP-glucuronosyltransferases (UGTs). <i>Chemosphere</i> , 2013 , 93, 1189-93	8.4	22
43	Inhibitory effects of sanguinarine on human liver cytochrome P450 enzymes. <i>Food and Chemical Toxicology</i> , 2013 , 56, 392-7	4.7	54
42	Characterization of UDP-glucuronosyltransferases involved in glucuronidation of diethylstilbestrol in human liver and intestine. <i>Chemical Research in Toxicology</i> , 2012 , 25, 2663-9	4	17
41	Potent and selective inhibition of magnolol on catalytic activities of UGT1A7 and 1A9. <i>Xenobiotica</i> , 2012 , 42, 1001-8	2	49
40	Interactions between phytochemicals from traditional Chinese medicines and human cytochrome P450 enzymes. <i>Current Drug Metabolism</i> , 2012 , 13, 599-614	3.5	35

39	Drug-Drug Interactions Potential of Icariin and Its Intestinal Metabolites via Inhibition of Intestinal UDP-Glucuronosyltransferases. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012 , 2012, 395912	2.3	16
38	Decreased warfarin clearance associated with the CYP2C9 R150H (*8) polymorphism. <i>Clinical Pharmacology and Therapeutics</i> , 2012 , 91, 660-5	6.1	74
37	Inhibition of paracetamol glucuronidation by tyrosine kinase inhibitors. <i>British Journal of Clinical Pharmacology</i> , 2011 , 71, 917-20	3.8	48
36	C5-hydroxylation of liquiritigenin is catalyzed selectively by CYP1A2. <i>Xenobiotica</i> , 2011 , 41, 349-57	2	3
35	MAPKs are not involved in triptolide-induced cell growth inhibition and apoptosis in prostate cancer cell lines with different p53 status. <i>Planta Medica</i> , 2011 , 77, 27-31	3.1	9
34	In vitro and in vivo oxidative metabolism and glucuronidation of anastrozole. <i>British Journal of Clinical Pharmacology</i> , 2010 , 70, 854-69	3.8	57
33	Identification of the UDP-glucuronosyltransferase isozyme involved in senecionine glucuronidation in human liver microsomes. <i>Drug Metabolism and Disposition</i> , 2010 , 38, 626-34	4	16
32	Glucuronidation, a new metabolic pathway for pyrrolizidine alkaloids. <i>Chemical Research in Toxicology</i> , 2010 , 23, 591-9	4	23
31	Comparison of the drug-drug interactions potential of erlotinib and gefitinib via inhibition of UDP-glucuronosyltransferases. <i>Drug Metabolism and Disposition</i> , 2010 , 38, 32-9	4	75
30	The UGT1A1*28 polymorphism correlates with erlotinib's effect on SN-38 glucuronidation. <i>European Journal of Cancer</i> , 2010 , 46, 2097-103	7.5	17
29	Hydroxylation of tanshinone IIa in human liver microsomes is specifically catalysed by cytochrome P4502A6. <i>Xenobiotica</i> , 2009 , 39, 382-90	2	19
28	C-7 configuration as one of determinants in taxanes metabolism by human cytochrome P450 enzymes. <i>Xenobiotica</i> , 2009 , 39, 903-14	2	17
27	Characterization of human cytochrome P450 isoforms involved in the metabolism of 7-epi-paclitaxel. <i>Xenobiotica</i> , 2009 , 39, 283-92	2	25
26	CYP1A2 is the major isoform responsible for paeonol O-demethylation in human liver microsomes. <i>Xenobiotica</i> , 2009 , 39, 672-9	2	12
25	Anti-androgen-independent prostate cancer effects of ginsenoside metabolites in vitro: mechanism and possible structure-activity relationship investigation. <i>Archives of Pharmacal Research</i> , 2009 , 32, 49-57	6.1	34
24	Characterization of cardamomin metabolism by P450 in different species via HPLC-ESI-ion trap and UPLC-ESI-quadrupole mass spectrometry. <i>Acta Pharmacologica Sinica</i> , 2009 , 30, 1462-70	8	13
23	Deoxynojirimycin enhanced the transglycosylation activity of a glycosidase from the China white jade snail. <i>Journal of Biotechnology</i> , 2009 , 139, 229-35	3.7	3
22	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. <i>Talanta</i> , 2009 , 79, 1433-40	6.2	9

21	Acceptor specificity and transfer efficiency of a beta-glycosidase from the Chinese white jade snail. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009 , 73, 671-6	2.1	6
20	Characterization of triptolide hydroxylation by cytochrome P450 in human and rat liver microsomes. <i>Xenobiotica</i> , 2008 , 38, 1551-65	2	54
19	Curcumin attenuates acrylamide-induced cytotoxicity and genotoxicity in HepG2 cells by ROS scavenging. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 12059-63	5.7	102
18	Taxane's substituents at C3 affect its regioselective metabolism: different in vitro metabolism of cephalomannine and paclitaxel. <i>Drug Metabolism and Disposition</i> , 2008 , 36, 418-26	4	24
17	UDP-glucuronosyltransferase 1A6 is the major isozyme responsible for protocatechuic aldehyde glucuronidation in human liver microsomes. <i>Drug Metabolism and Disposition</i> , 2008 , 36, 1562-9	4	31
16	Metabolic profiling and cytochrome P450 reaction phenotyping of medroxyprogesterone acetate. <i>Drug Metabolism and Disposition</i> , 2008 , 36, 2292-8	4	24
15	Determination of UDP-glucuronosyltransferase UGT2B7 activity in human liver microsomes by ultra-performance liquid chromatography with MS detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 870, 84-90	3.2	11
14	Modeling resistance index of taxoids to MCF-7 cell lines using ANN together with electrotopological state descriptors. <i>Acta Pharmacologica Sinica</i> , 2008 , 29, 385-96	8	3
13	Inhibition of human liver cytochrome P450 by star fruit juice. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2007 , 10, 496-503	3.4	46
12	Curcumin induces apoptosis through mitochondrial hyperpolarization and mtDNA damage in human hepatoma G2 cells. <i>Free Radical Biology and Medicine</i> , 2007 , 43, 968-75	7.8	150
11	Curcumin-induced genotoxicity and antigenotoxicity in HepG2 cells. <i>Toxicol</i> , 2007 , 49, 1219-22	2.8	36
10	Inhibitory effect of medroxyprogesterone acetate on human liver cytochrome P450 enzymes. <i>European Journal of Clinical Pharmacology</i> , 2006 , 62, 497-502	2.8	22
9	Gambogic acid and epigambogic acid, C-2 epimers with novel anticancer effects from <i>Garcinia hanburyi</i> . <i>Planta Medica</i> , 2006 , 72, 281-4	3.1	48
8	Influence of ginsenoside Rh1 and F1 on human cytochrome p450 enzymes. <i>Planta Medica</i> , 2006 , 72, 126-31	3.1	42
7	Ginsenoside metabolites, rather than naturally occurring ginsenosides, lead to inhibition of human cytochrome P450 enzymes. <i>Toxicological Sciences</i> , 2006 , 91, 356-64	4.4	103
6	Mitochondrial and nuclear DNA damage induced by curcumin in human hepatoma G2 cells. <i>Toxicological Sciences</i> , 2006 , 91, 476-83	4.4	164
5	Early metabolism evaluation making traditional Chinese medicine effective and safe therapeutics. <i>Journal of Zhejiang University: Science B</i> , 2006 , 7, 99-106	4.5	11
4	Characterization of hepatic drug-metabolizing activities of Bama miniature pigs (<i>Sus scrofa domestica</i>): comparison with human enzyme analogs. <i>Comparative Medicine</i> , 2006 , 56, 286-90	1.6	26

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| 3 | A dammarane glycoside derived from ginsenoside Rb3. <i>Chemical and Pharmaceutical Bulletin</i> , 2005 , 53, 177-9 | 1.9 | 25 |
| 2 | Protocatechuic aldehyde suppresses TNF-alpha-induced ICAM-1 and VCAM-1 expression in human umbilical vein endothelial cells. <i>European Journal of Pharmacology</i> , 2005 , 513, 1-8 | 5.3 | 93 |
| 1 | The inhibitory effect of intestinal bacterial metabolite of ginsenosides on CYP3A activity. <i>Biological and Pharmaceutical Bulletin</i> , 2004 , 27, 1555-60 | 2.3 | 25 |