Ru Yan

List of Publications by Year in Descending Order

80 papers	2,131 citations	28 h-index	41 g-index
83 ext. papers	2,489 ext. citations	4.4 avg, IF	4.89 L-index

#	Paper	IF	Citations
80	Structural characterization and transcript-metabolite correlation network of immunostimulatory effects of sulfated polysaccharides from green alga Ulva pertusa. *Food Chemistry*, **2021**, 342, 128537	8.5	7
79	Dextran sulfate sodium-induced colitis and ginseng intervention altered oral pharmacokinetics of cyclosporine A in rats. *Journal of Ethnopharmacology*, **2021**, 265, 113251	5	5
78	A semi-tryptic peptide centric metaproteomic mining approach and its potential utility in capturing signatures of gut microbial proteolysis. *Microbiome*, **2021**, 9, 12	16.6	4
77	Discovery of a naturally occurring broad-spectrum inhibitor against gut bacterial β-glucuronidases from. *Food and Function*, **2021**, 12, 11190-11201	6.1	1
76	Human gut bacterial β-glucuronidase inhibition: An emerging approach to manage medication therapy. *Biochemical Pharmacology*, **2021**, 190, 114566	6	6
75	Fecal multi-omics analysis reveals diverse molecular alterations of gut ecosystem in COVID-19 patients. *Analytica Chimica Acta*, **2021**, 1180, 338881	6.6	6
74	Size effect of curcumin nanocrystals on dissolution, airway mucosa penetration, lung tissue distribution and absorption by pulmonary delivery. *Colloids and Surfaces B: Biointerfaces*, **2020**, 186, 110703	6	12
73	High-resolution MS/MS metabolomics by data-independent acquisition reveals urinary metabolic alteration in experimental colitis. *Metabolomics*, **2019**, 15, 70	4.7	0
72	Chemical composition and immunostimulatory properties of green alga Caulerpa racemosa var peltata. *Food and Agricultural Immunology*, **2019**, 30, 937-954	2.9	8
71	Computer-Aided Formulation Design for a Highly Soluble Lutein-Cyclodextrin Multiple-Component Delivery System. *Molecular Pharmaceutics*, **2018**, 15, 1664-1673	5.6	35
70	Exploring the Potential of Data-Independent Acquisition Proteomics Using Untargeted All-Ion Quantitation: Application to Tumor Subtype Diagnosis. *Analytical Chemistry*, **2018**, 90, 4380-4388	7.8	3
69	Ginseng polysaccharides enhanced ginsenoside Rb1 and microbial metabolites exposure through enhancing intestinal absorption and affecting gut microbial metabolism. *Journal of Ethnopharmacology*, **2018**, 216, 47-56	5	43
68	Bacterial Outer Membrane Vesicles from Dextran Sulfate Sodium-Induced Colitis Differentially Regulate Intestinal UDP-Glucuronosyltransferase 1A1 Partially Through Toll-Like Receptor 4/Mitogen-Activated Protein Kinase/Phosphatidylinositol 3-Kinase Pathway. *Drug Metabolism and Disposition*, **2018**, 46, 292-302	4	19
67	Fecal Microbiota Transplantation in Experimental Ulcerative Colitis Reveals Associated Gut Microbial and Host Metabolic Reprogramming. *Applied and Environmental Microbiology*, **2018**, 84,	4.8	20
66	Prenylflavonoids sanggenon C and kuwanon G from mulberry (Morus alba L.) as potent broad-spectrum bacterial β-glucuronidase inhibitors: Biological evaluation and molecular docking studies. *Journal of Functional Foods*, **2018**, 48, 210-219	5.1	15
65	Pharmacokinetics of Chinese medicines: strategies and perspectives. *Chinese Medicine*, **2018**, 13, 24	4.7	12
64	Characteristics and molecular determinants of a highly selective and efficient glycyrrhizin-hydrolyzing β-glucuronidase from Staphylococcus pasteuri 3I10. *Applied Microbiology and Biotechnology*, **2018**, 102, 9193-9205	5.7	13

63	Amoxapine Demonstrates Incomplete Inhibition of β-Glucuronidase Activity from Human Gut Microbiota. *SLAS Discovery*, **2018**, 23, 76-83	3.4	14
62	Comparison of normal versus imiquimod-induced psoriatic skin in mice for penetration of drugs and nanoparticles. *International Journal of Nanomedicine*, **2018**, 13, 5625-5635	7.3	16
61	Mori Cortex regulates P-glycoprotein in Caco-2 cells and colons from rats with experimental colitis via direct and gut microbiota-mediated mechanisms. *RSC Advances*, **2017**, 7, 2594-2605	3.7	11
60	Pharmacokinetic alterations of rhubarb anthraquinones in experimental colitis induced by dextran sulfate sodium in the rat. *Journal of Ethnopharmacology*, **2017**, 198, 600-607	5	16
59	Effects of dextran sulfate sodium induced experimental colitis on cytochrome P450 activities in rat liver, kidney and intestine. *Chemico-Biological Interactions*, **2017**, 271, 48-58	5	9
58	Enhanced topical penetration, system exposure and anti-psoriasis activity of two particle-sized, curcumin-loaded PLGA nanoparticles in hydrogel. *Journal of Controlled Release*, **2017**, 254, 44-54	11.7	87
57	Network Analysis of Drug-target Interactions: A Study on FDA-approved New Molecular Entities Between 2000 to 2015. *Scientific Reports*, **2017**, 7, 12230	4.9	26
56	Novel Hsp90 inhibitor platycodin D disrupts Hsp90/Cdc37 complex and enhances the anticancer effect of mTOR inhibitor. *Toxicology and Applied Pharmacology*, **2017**, 330, 65-73	4.6	26
55	Particle size effect of curcumin nanosuspensions on cytotoxicity, cellular internalization, in vivo pharmacokinetics and biodistribution. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2017**, 13, 943-953	6	57
54	Gut microbiota-involved mechanisms in enhancing systemic exposure of ginsenosides by coexisting polysaccharides in ginseng decoction. *Scientific Reports*, **2016**, 6, 22474	4.9	88
53	Analyzing the Chinese landscape in anti-diabetic drug research: leading knowledge production institutions and thematic communities. *Chinese Medicine*, **2016**, 11, 13	4.7	8
52	Oral pharmacokinetics of baicalin, wogonoside, oroxylin A 7-O-β-d-glucuronide and their aglycones from an aqueous extract of Scutellariae Radix in the rat. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2016**, 1026, 124-133	3.2	27
51	Tailored sensitivity reduction improves pattern recognition and information recovery with a higher tolerance to varied sample concentration for targeted urinary metabolomics. *Journal of Chromatography A*, **2016**, 1443, 101-10	4.5	11
50	A Novel Agent Enhances the Chemotherapeutic Efficacy of Doxorubicin in MCF-7 Breast Cancer Cells. *Frontiers in Pharmacology*, **2016**, 7, 249	5.6	14
49	Alterations of testosterone metabolism in microsomes from rats with experimental colitis induced by dextran sulfate sodium. *Chemico-Biological Interactions*, **2015**, 232, 38-48	5	15
48	The Presystemic Interplay between Gut Microbiota and Orally Administered Calycosin-7-O-β-D-Glucoside. *Drug Metabolism and Disposition*, **2015**, 43, 1601-11	4	26
47	Increase the accessibility and scale of targeted metabolomics: Construction of a human urinary metabolome-wide multiple reaction monitoring library using directly-coupled reversed-phase and hydrophilic interaction chromatography. *Analytica Chimica Acta*, **2015**, 894, 65-75	6.6	28
46	A practical strategy for chemical profiling of herbal medicines using ultra-high performance liquid chromatography coupled with hybrid triple quadrupole-linear ion trap mass spectrometry: a case study of Mori Cortex. *Analytical Methods*, **2015**, 7, 443-457	3.2	17

45	A novel strategy for rapid quantification of 20(S)-protopanaxatriol and 20(S)-protopanaxadiol saponins in Panax notoginseng P. ginseng and P. quinquefolium. *Natural Product Research*, **2015**, 29, 46-52	2.3	16
44	Improved data-dependent acquisition for untargeted metabolomics using gas-phase fractionation with staggered mass range. *Analytical Chemistry*, **2015**, 87, 2861-8	7.8	30
43	Research progress of the studies on the roots of Peucedanum praeruptorum dunn (Peucedani radix). *Pakistan Journal of Pharmaceutical Sciences*, **2015**, 28, 71-81	0.4	9
42	Development and characterisation of ursolic acid nanocrystals without stabiliser having improved dissolution rate and in vitro anticancer activity. *AAPS PharmSciTech*, **2014**, 15, 11-19	3.9	31
41	A generic multiple reaction monitoring based approach for plant flavonoids profiling using a triple quadrupole linear ion trap mass spectrometry. *Journal of the American Society for Mass Spectrometry*, **2014**, 25, 955-65	3.5	26
40	A pretreatment free method for the determination of seven natural products in a high-salt matrix by online guard column extraction coupled with tandem mass spectrometry. *Analytical Methods*, **2014**, 6, 623-628	3.2	4
39	Regioselective glucuronidation of the isoflavone calycosin by human liver microsomes and recombinant human UDP-glucuronosyltransferases. *Chemico-Biological Interactions*, **2014**, 220, 231-40	5	15
38	Triterpenoid saponins profiling by adducts-targeted neutral loss triggered enhanced resolution and product ion scanning using triple quadrupole linear ion trap mass spectrometry. *Analytica Chimica Acta*, **2014**, 819, 56-64	6.6	27
37	□H nuclear magnetic resonance based-metabolomic characterization of Peucedani Radix and simultaneous determination of praeruptorin A and praeruptorin B. *Journal of Pharmaceutical and Biomedical Analysis*, **2014**, 93, 86-94	3.5	19
36	Metabolic characterization of (□)-praeruptorin A in vitro and in vivo by high performance liquid chromatography coupled with hybrid triple quadrupole-linear ion trap mass spectrometry and time-of-flight mass spectrometry. *Journal of Pharmaceutical and Biomedical Analysis*, **2014**, 90, 98-110	3.5	21
35	Simultaneously enantiospecific determination of (+)-trans-khellactone, (+/-)-praeruptorin A, (+/-)-praeruptorin B, (+)-praeruptorin E, and their metabolites, (+/-)-cis-khellactone, in rat plasma using online solid phase extraction-chiral LC-MS/MS. *Journal of Pharmaceutical and Biomedical Analysis*, **2014**, 88, 269-77	3.5	27
34	Qualitative analysis and enantiospecific determination of angular-type pyranocoumarins in Peucedani Radix using achiral and chiral liquid chromatography coupled with tandem mass spectrometry. *Journal of Chromatography A*, **2014**, 1338, 24-37	4.5	38
33	In vitro glucuronidation of five rhubarb anthraquinones by intestinal and liver microsomes from humans and rats. *Chemico-Biological Interactions*, **2014**, 219, 18-27	5	42
32	Regioselective glucuronidation of oxyresveratrol, a natural hydroxystilbene, by human liver and intestinal microsomes and recombinant UGTs. *Drug Metabolism and Pharmacokinetics*, **2014**, 29, 229-36	2.2	6
31	Simultaneous determination of original, degraded ginsenosides and aglycones by ultra high performance liquid chromatography coupled with quadrupole time-of-flight mass spectrometry for quantitative evaluation of Du-Shen-Tang, the decoction of ginseng. *Molecules*, **2014**, 19, 4083-104	4.8	17
30	Pharmacokinetics of anthraquinones in rat plasma after oral administration of a rhubarb extract. *Biomedical Chromatography*, **2014**, 28, 564-72	1.7	40
29	Antitumor effects of two extracts from Oxytropis falcata on hepatocellular carcinoma in vitro and in vivo. *Chinese Journal of Natural Medicines*, **2014**, 11, 519-524	2.8	8
28	Ultra-high performance liquid chromatography coupled with photo-diode array and quadrupole/time-of-flight mass spectrometry based chemical profiling approach to evaluate the influence of preparation methods on the holistic quality of Qiong-Yu-Gao, a traditional complex herbal medicine. *Journal of Chromatography A*, **2013**, 1304, 154-68	4.5	28

27	Influences of processed rhubarbs on the activities of four CYP isozymes and the metabolism of saxagliptin in rats based on probe cocktail and pharmacokinetics approaches. *Journal of Ethnopharmacology*, **2013**, 145, 566-72	5	29
26	Identification of cytochrome P450 isoenzymes involved in metabolism of (+)-praeruptorin A, a calcium channel blocker, by human liver microsomes using ultra high-performance liquid chromatography coupled with tandem mass spectrometry. *Journal of Pharmaceutical and Biomedical Analysis*, **2013**, 77, 175-83	3.5	18
25	Enhancement by Glycyrrhizae Radix of hepatic metabolism of hypaconitine, a major bioactive and toxic component of Aconiti Laterlis Radix, evaluated by HPLC-TQ-MS/MS analysis. *Biomedical Chromatography*, **2013**, 27, 556-62	1.7	4
24	Biotransformation of ginsenoside Rb1 via the gypenoside pathway by human gut bacteria. *Chinese Medicine*, **2013**, 8, 22	4.7	30
23	-Glucosidase inhibitory effect and simultaneous quantification of three major flavonoid glycosides in Microctis folium. *Molecules*, **2013**, 18, 4221-32	4.8	56
22	A critical view on spike recovery for accuracy evaluation of analytical method for medicinal herbs. *Journal of Pharmaceutical and Biomedical Analysis*, **2012**, 62, 210-5	3.5	12
21	Saikosaponin a and its epimer saikosaponin d exhibit anti-inflammatory activity by suppressing activation of NF-B signaling pathway. *International Immunopharmacology*, **2012**, 14, 121-6	5.8	117
20	Influence of sulphur-fumigation on the quality of white ginseng: a quantitative evaluation of major ginsenosides by high performance liquid chromatography. *Food Chemistry*, **2012**, 135, 1141-7	8.5	33
19	In vitro pharmacokinetic characterization of mulberroside A, the main polyhydroxylated stilbene in mulberry (Morus alba L.), and its bacterial metabolite oxyresveratrol in traditional oral use. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 2299-308	5.7	31
18	Metabolism of calycosin, an isoflavone from Astragali Radix, in zebrafish larvae. *Xenobiotica*, **2012**, 42, 294-303	2	35
17	Stereoselective metabolism of ()-praeruptorin A, a calcium channel blocker from Peucedani Radix, in pooled liver microsomes of rats and humans. *Xenobiotica*, **2012**, 42, 231-7	2	20
16	Enantioseparation and absolute configuration determination of angular-type pyranocoumarins from peucedani radix using enzymatic hydrolysis and chiral HPLC-MS/MS analysis. *Molecules*, **2012**, 17, 4236-51	4.8	32
15	Pharmacokinetic evidence on the contribution of intestinal bacterial conversion to beneficial effects of astragaloside IV, a marker compound of astragali radix, in traditional oral use of the herb. *Drug Metabolism and Pharmacokinetics*, **2012**, 27, 586-97	2.2	44
14	Metabolic conversion from co-existing ingredient leading to significant systemic exposure of Z-butylidenephthalide, a minor ingredient in Chuanxiong Rhizoma in rats. *Current Drug Metabolism*, **2012**, 13, 524-34	3.5	14
13	Transport and metabolism of ()-praeruptorin A in Caco-2 cell monolayers. *Xenobiotica*, **2011**, 41, 71-81	2	17
12	Characterization of metabolism of (+)-praeruptorin B and (+)-praeruptorin E in human and rat liver microsomes by liquid chromatography coupled with ion trap mass spectrometry and time-of-flight mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2011**, 25, 719-30	2.2	18
11	Combined in vivo imaging and omics approaches reveal metabolism of icaritin and its glycosides in zebrafish larvae. *Molecular BioSystems*, **2011**, 7, 2128-38		39
10	Characterization of metabolism and in vitro permeability study of notoginsenoside R1 from Radix notoginseng. *Journal of Agricultural and Food Chemistry*, **2010**, 58, 5770-6	5.7	54

9	Metabolism of 17alpha-hydroxyprogesterone caproate by hepatic and placental microsomes of human and baboons. *Biochemical Pharmacology*, **2008**, 75, 1848-57	6	20
8	Pharmacokinetics and metabolism of ligustilide, a major bioactive component in Rhizoma Chuanxiong, in the rat. *Drug Metabolism and Disposition*, **2008**, 36, 400-8	4	96
7	The effect of esterases on 17alpha-hydroxyprogesterone caproate. *American Journal of Obstetrics and Gynecology*, **2008**, 198, 229.e1-5	6.4	12
6	Transplacental transfer and metabolism of 17-alpha-hydroxyprogesterone caproate. *American Journal of Obstetrics and Gynecology*, **2008**, 199, 169.e1-5	6.4	26
5	Post-harvest alteration of the main chemical ingredients in Ligusticum chuanxiong Hort. (Rhizoma Chuanxiong). *Chemical and Pharmaceutical Bulletin*, **2007**, 55, 140-4	1.9	40
4	Low oral bioavailability and pharmacokinetics of senkyunolide a, a major bioactive component in Rhizoma Chuanxiong, in the rat. *Therapeutic Drug Monitoring*, **2007**, 29, 49-56	3.2	20
3	Simultaneous quantification of 12 bioactive components of Ligusticum chuanxiong Hort. by high-performance liquid chromatography. *Journal of Pharmaceutical and Biomedical Analysis*, **2005**, 37, 87-95	3.5	82
2	Simultaneous analysis of seventeen chemical ingredients of Ligusticum chuanxiong by on-line high performance liquid chromatography-diode array detector-mass spectrometry. *Planta Medica*, **2003**, 69, 445-51	3.1	90
1	Astilbin selectively facilitates the apoptosis of interleukin-2-dependent phytohemagglutinin-activated Jurkat cells. *Pharmacological Research*, **2001**, 44, 135-9	10.2	33