

Ru Yan

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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.

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 | Saikosaponin a and its epimer saikosaponin d exhibit anti-inflammatory activity by suppressing activation of NF-B signaling pathway. <i>International Immunopharmacology</i> , 2012 , 14, 121-6 | 5.8 | 117 |
| 79 | Pharmacokinetics and metabolism of ligustilide, a major bioactive component in Rhizoma Chuanxiong, in the rat. <i>Drug Metabolism and Disposition</i> , 2008 , 36, 400-8 | 4 | 96 |
| 78 | Simultaneous analysis of seventeen chemical ingredients of Ligusticum chuanxiong by on-line high performance liquid chromatography-diode array detector-mass spectrometry. <i>Planta Medica</i> , 2003 , 69, 445-51 | 3.1 | 90 |
| 77 | Gut microbiota-involved mechanisms in enhancing systemic exposure of ginsenosides by coexisting polysaccharides in ginseng decoction. <i>Scientific Reports</i> , 2016 , 6, 22474 | 4.9 | 88 |
| 76 | Enhanced topical penetration, system exposure and anti-psoriasis activity of two particle-sized, curcumin-loaded PLGA nanoparticles in hydrogel. <i>Journal of Controlled Release</i> , 2017 , 254, 44-54 | 11.7 | 87 |
| 75 | Simultaneous quantification of 12 bioactive components of Ligusticum chuanxiong Hort. by high-performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005 , 37, 87-95 | 3.5 | 82 |
| 74 | Particle size effect of curcumin nanosuspensions on cytotoxicity, cellular internalization, in vivo pharmacokinetics and biodistribution. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017 , 13, 943-953 | 6 | 57 |
| 73 | β-Glucosidase inhibitory effect and simultaneous quantification of three major flavonoid glycosides in Microctis folium. <i>Molecules</i> , 2013 , 18, 4221-32 | 4.8 | 56 |
| 72 | Characterization of metabolism and in vitro permeability study of notoginsenoside R1 from Radix notoginseng. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 5770-6 | 5.7 | 54 |
| 71 | 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. <i>Drug Metabolism and Pharmacokinetics</i> , 2012 , 27, 586-97 | 2.2 | 44 |
| 70 | Ginseng polysaccharides enhanced ginsenoside Rb1 and microbial metabolites exposure through enhancing intestinal absorption and affecting gut microbial metabolism. <i>Journal of Ethnopharmacology</i> , 2018 , 216, 47-56 | 5 | 43 |
| 69 | In vitro glucuronidation of five rhubarb anthraquinones by intestinal and liver microsomes from humans and rats. <i>Chemico-Biological Interactions</i> , 2014 , 219, 18-27 | 5 | 42 |
| 68 | Pharmacokinetics of anthraquinones in rat plasma after oral administration of a rhubarb extract. <i>Biomedical Chromatography</i> , 2014 , 28, 564-72 | 1.7 | 40 |
| 67 | Post-harvest alteration of the main chemical ingredients in Ligusticum chuanxiong Hort. (Rhizoma Chuanxiong). <i>Chemical and Pharmaceutical Bulletin</i> , 2007 , 55, 140-4 | 1.9 | 40 |
| 66 | Combined in vivo imaging and omics approaches reveal metabolism of icaritin and its glycosides in zebrafish larvae. <i>Molecular BioSystems</i> , 2011 , 7, 2128-38 | | 39 |
| 65 | Qualitative analysis and enantiospecific determination of angular-type pyranocoumarins in Peucedani Radix using achiral and chiral liquid chromatography coupled with tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014 , 1338, 24-37 | 4.5 | 38 |
| 64 | Computer-Aided Formulation Design for a Highly Soluble Lutein-Cyclodextrin Multiple-Component Delivery System. <i>Molecular Pharmaceutics</i> , 2018 , 15, 1664-1673 | 5.6 | 35 |

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| 63 | Metabolism of calycosin, an isoflavone from Astragali Radix, in zebrafish larvae. <i>Xenobiotica</i> , 2012 , 42, 294-303 | 2 | 35 |
| 62 | Influence of sulphur-fumigation on the quality of white ginseng: a quantitative evaluation of major ginsenosides by high performance liquid chromatography. <i>Food Chemistry</i> , 2012 , 135, 1141-7 | 8.5 | 33 |
| 61 | Astilbin selectively facilitates the apoptosis of interleukin-2-dependent phytohemagglutinin-activated Jurkat cells. <i>Pharmacological Research</i> , 2001 , 44, 135-9 | 10.2 | 33 |
| 60 | Enantioseparation and absolute configuration determination of angular-type pyranocoumarins from peucedani radix using enzymatic hydrolysis and chiral HPLC-MS/MS analysis. <i>Molecules</i> , 2012 , 17, 4236-51 | 4.8 | 32 |
| 59 | Development and characterisation of ursolic acid nanocrystals without stabiliser having improved dissolution rate and in vitro anticancer activity. <i>AAPS PharmSciTech</i> , 2014 , 15, 11-19 | 3.9 | 31 |
| 58 | In vitro pharmacokinetic characterization of mulberroside A, the main polyhydroxylated stilbene in mulberry (<i>Morus alba</i> L.), and its bacterial metabolite oxyresveratrol in traditional oral use. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 2299-308 | 5.7 | 31 |
| 57 | Improved data-dependent acquisition for untargeted metabolomics using gas-phase fractionation with staggered mass range. <i>Analytical Chemistry</i> , 2015 , 87, 2861-8 | 7.8 | 30 |
| 56 | Biotransformation of ginsenoside Rb1 via the gypenoside pathway by human gut bacteria. <i>Chinese Medicine</i> , 2013 , 8, 22 | 4.7 | 30 |
| 55 | 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. <i>Journal of Ethnopharmacology</i> , 2013 , 145, 566-72 | 5 | 29 |
| 54 | 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. <i>Analytica Chimica Acta</i> , 2015 , 894, 65-75 | 6.6 | 28 |
| 53 | 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. <i>Journal of Chromatography A</i> , 2013 , 1304, 154-68 | 4.5 | 28 |
| 52 | Oral pharmacokinetics of baicalin, wogonoside, oroxylin A 7-O-β-D-glucuronide and their aglycones from an aqueous extract of <i>Scutellariae Radix</i> in the rat. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016 , 1026, 124-133 | 3.2 | 27 |
| 51 | Triterpenoid saponins profiling by adducts-targeted neutral loss triggered enhanced resolution and product ion scanning using triple quadrupole linear ion trap mass spectrometry. <i>Analytica Chimica Acta</i> , 2014 , 819, 56-64 | 6.6 | 27 |
| 50 | 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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 88, 249-77 | 3.5 | 27 |
| 49 | Network Analysis of Drug-target Interactions: A Study on FDA-approved New Molecular Entities Between 2000 to 2015. <i>Scientific Reports</i> , 2017 , 7, 12230 | 4.9 | 26 |
| 48 | The Presystemic Interplay between Gut Microbiota and Orally Administered Calycosin-7-O-β-D-Glucoside. <i>Drug Metabolism and Disposition</i> , 2015 , 43, 1601-11 | 4 | 26 |
| 47 | A generic multiple reaction monitoring based approach for plant flavonoids profiling using a triple quadrupole linear ion trap mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2014 , 25, 955-65 | 3.5 | 26 |
| 46 | Novel Hsp90 inhibitor platycodin D disrupts Hsp90/Cdc37 complex and enhances the anticancer effect of mTOR inhibitor. <i>Toxicology and Applied Pharmacology</i> , 2017 , 330, 65-73 | 4.6 | 26 |

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| 45 | Transplacental transfer and metabolism of 17-alpha-hydroxyprogesterone caproate. <i>American Journal of Obstetrics and Gynecology</i> , 2008 , 199, 169.e1-5 | 6.4 | 26 |
| 44 | 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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 90, 98-110 | 3.5 | 21 |
| 43 | Fecal Microbiota Transplantation in Experimental Ulcerative Colitis Reveals Associated Gut Microbial and Host Metabolic Reprogramming. <i>Applied and Environmental Microbiology</i> , 2018 , 84, | 4.8 | 20 |
| 42 | Stereoselective metabolism of (±)-praeruptorin A, a calcium channel blocker from Peucedani Radix, in pooled liver microsomes of rats and humans. <i>Xenobiotica</i> , 2012 , 42, 231-7 | 2 | 20 |
| 41 | Metabolism of 17alpha-hydroxyprogesterone caproate by hepatic and placental microsomes of human and baboons. <i>Biochemical Pharmacology</i> , 2008 , 75, 1848-57 | 6 | 20 |
| 40 | Low oral bioavailability and pharmacokinetics of senkyunolide a, a major bioactive component in Rhizoma Chuanxiong, in the rat. <i>Therapeutic Drug Monitoring</i> , 2007 , 29, 49-56 | 3.2 | 20 |
| 39 | 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. <i>Drug Metabolism and Disposition</i> , 2018 , 46, 292-302 | 4 | 19 |
| 38 | ¹ H nuclear magnetic resonance based-metabolomic characterization of Peucedani Radix and simultaneous determination of praeruptorin A and praeruptorin B. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 93, 86-94 | 3.5 | 19 |
| 37 | 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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 77, 175-88 | 3.5 | 18 |
| 36 | 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. <i>Rapid Communications in Mass Spectrometry</i> , 2011 , 25, 719-30 | 2.2 | 18 |
| 35 | 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. <i>Analytical Methods</i> , 2015 , 7, 443-457 | 3.2 | 17 |
| 34 | 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. <i>Molecules</i> , 2014 , 19, 4083-104 | 4.8 | 17 |
| 33 | Transport and metabolism of (±)-praeruptorin A in Caco-2 cell monolayers. <i>Xenobiotica</i> , 2011 , 41, 71-81 | 2 | 17 |
| 32 | Pharmacokinetic alterations of rhubarb anthraquinones in experimental colitis induced by dextran sulfate sodium in the rat. <i>Journal of Ethnopharmacology</i> , 2017 , 198, 600-607 | 5 | 16 |
| 31 | A novel strategy for rapid quantification of 20(S)-protopanaxatriol and 20(S)-protopanaxadiol saponins in Panax notoginseng P. ginseng and P. quinquefolium. <i>Natural Product Research</i> , 2015 , 29, 46-52 | 2.3 | 16 |
| 30 | Comparison of normal versus imiquimod-induced psoriatic skin in mice for penetration of drugs and nanoparticles. <i>International Journal of Nanomedicine</i> , 2018 , 13, 5625-5635 | 7.3 | 16 |
| 29 | Alterations of testosterone metabolism in microsomes from rats with experimental colitis induced by dextran sulfate sodium. <i>Chemico-Biological Interactions</i> , 2015 , 232, 38-48 | 5 | 15 |
| 28 | Prenylflavonoids sanggenon C and kuwanon G from mulberry (<i>Morus alba</i> L.) as potent broad-spectrum bacterial β-glucuronidase inhibitors: Biological evaluation and molecular docking studies. <i>Journal of Functional Foods</i> , 2018 , 48, 210-219 | 5.1 | 15 |

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| 27 | Regioselective glucuronidation of the isoflavone calycosin by human liver microsomes and recombinant human UDP-glucuronosyltransferases. <i>Chemico-Biological Interactions</i> , 2014 , 220, 231-40 | 5 | 15 |
| 26 | Metabolic conversion from co-existing ingredient leading to significant systemic exposure of Z-butylideneephthalide, a minor ingredient in Chuanxiong Rhizoma in rats. <i>Current Drug Metabolism</i> , 2012 , 13, 524-34 | 3.5 | 14 |
| 25 | A Novel Agent Enhances the Chemotherapeutic Efficacy of Doxorubicin in MCF-7 Breast Cancer Cells. <i>Frontiers in Pharmacology</i> , 2016 , 7, 249 | 5.6 | 14 |
| 24 | Amoxapine Demonstrates Incomplete Inhibition of β Glucuronidase Activity from Human Gut Microbiota. <i>SLAS Discovery</i> , 2018 , 23, 76-83 | 3.4 | 14 |
| 23 | Characteristics and molecular determinants of a highly selective and efficient glycyrrhizin-hydrolyzing β glucuronidase from <i>Staphylococcus pasteurii</i> 3110. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 9193-9205 | 5.7 | 13 |
| 22 | Pharmacokinetics of Chinese medicines: strategies and perspectives. <i>Chinese Medicine</i> , 2018 , 13, 24 | 4.7 | 12 |
| 21 | A critical view on spike recovery for accuracy evaluation of analytical method for medicinal herbs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 62, 210-5 | 3.5 | 12 |
| 20 | The effect of esterases on 17 α -hydroxyprogesterone caproate. <i>American Journal of Obstetrics and Gynecology</i> , 2008 , 198, 229.e1-5 | 6.4 | 12 |
| 19 | Size effect of curcumin nanocrystals on dissolution, airway mucosa penetration, lung tissue distribution and absorption by pulmonary delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 186, 110703 | 6 | 12 |
| 18 | Mori Cortex regulates P-glycoprotein in Caco-2 cells and colons from rats with experimental colitis via direct and gut microbiota-mediated mechanisms. <i>RSC Advances</i> , 2017 , 7, 2594-2605 | 3.7 | 11 |
| 17 | Tailored sensitivity reduction improves pattern recognition and information recovery with a higher tolerance to varied sample concentration for targeted urinary metabolomics. <i>Journal of Chromatography A</i> , 2016 , 1443, 101-10 | 4.5 | 11 |
| 16 | Effects of dextran sulfate sodium induced experimental colitis on cytochrome P450 activities in rat liver, kidney and intestine. <i>Chemico-Biological Interactions</i> , 2017 , 271, 48-58 | 5 | 9 |
| 15 | Research progress of the studies on the roots of <i>Peucedanum praeruptorum</i> dunn (<i>Peucedani radix</i>). <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015 , 28, 71-81 | 0.4 | 9 |
| 14 | Analyzing the Chinese landscape in anti-diabetic drug research: leading knowledge production institutions and thematic communities. <i>Chinese Medicine</i> , 2016 , 11, 13 | 4.7 | 8 |
| 13 | Chemical composition and immunostimulatory properties of green alga <i>Caulerpa racemosa</i> var <i>peltata</i> . <i>Food and Agricultural Immunology</i> , 2019 , 30, 937-954 | 2.9 | 8 |
| 12 | Antitumor effects of two extracts from <i>Oxytropis falcata</i> on hepatocellular carcinoma in vitro and in vivo. <i>Chinese Journal of Natural Medicines</i> , 2014 , 11, 519-524 | 2.8 | 8 |
| 11 | Structural characterization and transcript-metabolite correlation network of immunostimulatory effects of sulfated polysaccharides from green alga <i>Ulva pertusa</i> . <i>Food Chemistry</i> , 2021 , 342, 128537 | 8.5 | 7 |
| 10 | Regioselective glucuronidation of oxyresveratrol, a natural hydroxystilbene, by human liver and intestinal microsomes and recombinant UGTs. <i>Drug Metabolism and Pharmacokinetics</i> , 2014 , 29, 229-36 | 2.2 | 6 |

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| 9 | Human gut bacterial β -glucuronidase inhibition: An emerging approach to manage medication therapy. <i>Biochemical Pharmacology</i> , 2021 , 190, 114566 | 6 | 6 |
| 8 | Fecal multi-omics analysis reveals diverse molecular alterations of gut ecosystem in COVID-19 patients. <i>Analytica Chimica Acta</i> , 2021 , 1180, 338881 | 6.6 | 6 |
| 7 | Dextran sulfate sodium-induced colitis and ginseng intervention altered oral pharmacokinetics of cyclosporine A in rats. <i>Journal of Ethnopharmacology</i> , 2021 , 265, 113251 | 5 | 5 |
| 6 | 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. <i>Analytical Methods</i> , 2014 , 6, 623-628 | 3.2 | 4 |
| 5 | 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. <i>Biomedical Chromatography</i> , 2013 , 27, 556-62 | 1.7 | 4 |
| 4 | A semi-tryptic peptide centric metaproteomic mining approach and its potential utility in capturing signatures of gut microbial proteolysis. <i>Microbiome</i> , 2021 , 9, 12 | 16.6 | 4 |
| 3 | Exploring the Potential of Data-Independent Acquisition Proteomics Using Untargeted All-Ion Quantitation: Application to Tumor Subtype Diagnosis. <i>Analytical Chemistry</i> , 2018 , 90, 4380-4388 | 7.8 | 3 |
| 2 | Discovery of a naturally occurring broad-spectrum inhibitor against gut bacterial β -glucuronidases from. <i>Food and Function</i> , 2021 , 12, 11190-11201 | 6.1 | 1 |
| 1 | High-resolution MS/MS metabolomics by data-independent acquisition reveals urinary metabolic alteration in experimental colitis. <i>Metabolomics</i> , 2019 , 15, 70 | 4.7 | 0 |