

Zhi-Guo Yu

List of Publications by Year in descending order

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61
papers

964
citations

430874

18
h-index

526287

27
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62
all docs

62
docs citations

62
times ranked

1279
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolomics-based comparative analysis of the effects of host and environment on <i>Viscum coloratum</i> metabolites and antioxidative activities. <i>Journal of Pharmaceutical Analysis</i> , 2022, 12, 243-252.	5.3	14
2	Identification of raloxifene as a novel β -glucosidase inhibitor using a systematic drug repurposing approach in combination with cross molecular docking-based virtual screening and experimental verification. <i>Carbohydrate Research</i> , 2022, 511, 108478.	2.3	4
3	Screening of differential components of Gegenqinlian decoction and their comparative pharmacokinetics in normal and pyrexia rats using UHPLC-FT-ICR-MS and UHPLC-MS/MS. <i>Biomedical Chromatography</i> , 2021, 35, e5186.	1.7	4
4	High-Throughput Identification of Organic Compounds from <i>Polygoni Multiflori Radix Praeparata</i> (Zhiheshouwu) by UHPLC-Q-Exactive Orbitrap-MS. <i>Molecules</i> , 2021, 26, 3977.	3.8	14
5	Raman spectroscopy and mapping technique for the identification of expired drugs. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 224, 117407.	3.9	3
6	Metabonomic analysis of plasma biochemical changes in pyrexia rats after treatment with Gegenqinlian decoction, aspirin and itraconazole by UHPLC-FT-ICR-MS. <i>Journal of Pharmaceutical Analysis</i> , 2020, 10, 581-587.	5.3	5
7	Synthesis, pharmacological evaluation and molecular docking of novel R/S-2-(2-hydroxypropanamido)-5-trifluoromethyl benzoic acid as dual anti-inflammatory anti-platelet aggregation agents. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 967-978.	3.0	2
8	Rapid characterization of chemical constituents of Gansuibanxia decoction by UHPLC-FT-ICR-MS analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 179, 113029.	2.8	9
9	Exploring stereoselective excretion and metabolism studies of novel 2-(2-hydroxypropanamido)-5-trifluoromethyl benzoic acid enantiomers. <i>RSC Advances</i> , 2020, 10, 27267-27279.	3.6	0
10	Novel drug isolated from mistletoe (1 <i>i>E</i></i> ,4 <i>i>E</i></i>)-1,7-bis(4-hydroxyphenyl)hepta-1,4-dien-3-one for potential treatment of various cancers: synthesis, pharmacokinetics and pharmacodynamics. <i>RSC Advances</i> , 2020, 10, 27794-27804.	3.6	3
11	Determination of protein binding for novel 2-(2-hydroxypropanamido)-5-trifluoromethyl benzoic acid enantiomers to rats, dogs, and humans plasma by UPLC-MS/MS. <i>Chirality</i> , 2020, 32, 524-534.	2.6	2
12	Analysis of pesticide residues in commercially available chenpi using a modified QuEChERS method and GC-MS/MS determination. <i>Journal of Pharmaceutical Analysis</i> , 2020, 10, 60-69.	5.3	46
13	Application of hair analysis to document illegal 5-methoxy-N,N-dissopropyltrptamine (5-MeO-DiPT) use. <i>Forensic Science International</i> , 2019, 304, 109972.	2.2	11
14	Composition analysis and antioxidant activities of the <i>Rhus typhina</i> L. stem. <i>Journal of Pharmaceutical Analysis</i> , 2019, 9, 332-338.	5.3	14
15	Investigation of the mechanism of incompatible herb pair gansui-gancao-induced hepatotoxicity and nephrotoxicity and the attenuated effect of gansuibanxia decoction by UHPLC-FT-ICR-MS-based plasma metabonomic analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 173, 176-182.	2.8	4
16	Bioassay-guided isolation of antioxidant and β -glucosidase inhibitory constituents from stem of <i>Vigna angularis</i> . <i>Bioorganic Chemistry</i> , 2019, 87, 312-320.	4.1	10
17	Development of a high-throughput screening analysis for 288 drugs and poisons in human blood using Orbitrap technology with gas chromatography-high resolution accurate mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1587, 209-226.	3.7	37
18	Metabolic profiling of Gegenqinlian decoction in rat plasma, urine, bile and feces after oral administration by ultra high performance liquid chromatography coupled with Fourier transform ion cyclotron resonance mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1079, 69-84.	2.3	25

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19	Metabolomics Analysis Reveals that Ethylene and Methyl Jasmonate Regulate Different Branch Pathways to Promote the Accumulation of Terpenoid Indole Alkaloids in <i>Catharanthus roseus</i> . <i>Journal of Natural Products</i> , 2018, 81, 335-342.	3.0	28
20	A Multiresidue Method for Simultaneous Determination of 116 Pesticides in <i>Notoginseng Radix et Rhizoma</i> Using Modified QuEChERS Coupled with Gas Chromatography Tandem Mass Spectrometry and Census 180 Batches of Sample from Yunnan Province. <i>Chromatographia</i> , 2018, 81, 545-556.	1.3	17
21	Cytotoxic lignans from the barks of <i>Juglans mandshurica</i> . <i>Journal of Asian Natural Products Research</i> , 2018, 20, 494-499.	1.4	10
22	Simultaneous determination of five bioactive components of Gancao in rat plasma by UHPLC-MS/MS and its application to comparative pharmacokinetic study of incompatible herb pair Gansui-Gancao and Gansuibanxia Decoction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 159, 318-325.	2.8	12
23	Development and validation of a sensitive and fast UPLC-MS/MS method for simultaneous determination of seven bioactive compounds in rat plasma after oral administration of Guizhi-gancao decoction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 137, 23-32.	2.8	12
24	Plasma Pharmacokinetics, Bioavailability, and Tissue Distribution of Four C-Glycosyl Flavones from Mung Bean (<i>Vigna radiata</i> L.) Seed Extracts in Rat by Ultrahigh-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 5570-5580.	5.2	19
25	The determination of 2-(2-hydroxypropanamido) benzoic acid enantiomers and their corresponding prodrugs in rat plasma by UHPLC-MS/MS and application to comparative pharmacokinetic study after a single oral dose. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1041-1042, 175-182.	2.3	8
26	Comparison of intestinal permeability and glycoprotein effects on the intestinal absorption of enantiomers of 2-(2-hydroxypropanamido) benzoic acid in rats. <i>Chirality</i> , 2017, 29, 26-32.	2.6	1
27	Simultaneous determination and pharmacokinetics of fourteen bioactive compounds in rat plasma by LC-ESI-MS/MS following intravenous injection of Gegen-Sanqi compatibility solution. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1068-1069, 164-172.	2.3	8
28	A plasma metabolomic analysis on potential biomarker in pyrexia induced by three methods using ultra high performance liquid chromatography coupled with Fourier transform ion cyclotron resonance mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1063, 214-225.	2.3	11
29	Detection of chemical constituents in Gegenqinlian decoction by ultra-high performance liquid chromatography coupled with Fourier transform ion cyclotron resonance mass spectrometry. <i>Analytical Methods</i> , 2017, 9, 5890-5902.	2.7	13
30	Simultaneous identification and quantification of the common compounds of <i>Viscum coloratum</i> and its corresponding host plants by ultra-high performance liquid chromatography with quadrupole time-of-flight tandem mass spectrometry and triple quadrupole mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1061-1062, 176-184.	2.3	11
31	Stereoselective protein binding studies of 2-(2-hydroxypropanamido) benzoic acid enantiomers in rat, beagle dog and human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1061-1062, 169-175.	2.3	8
32	Application of an UHPLC-MS/MS method to tissue distribution and excretion study of 2-(2-hydroxypropanamido) benzoic acid in rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1070, 54-61.	2.3	4
33	Comparison of phenolic compounds, antioxidant and antidiabetic activities between selected edible beans and their different growth periods leaves. <i>Journal of Functional Foods</i> , 2017, 35, 694-702.	3.4	42
34	Studies on New Activities of Enantiomers of 2-(2-Hydroxypropanamido) Benzoic Acid: Antiplatelet Aggregation and Antithrombosis. <i>PLoS ONE</i> , 2017, 12, e0170334.	2.5	3
35	Anesthetic constituents of <i>Zanthoxylum bungeanum</i> Maxim.: A pharmacokinetic study. <i>Journal of Separation Science</i> , 2016, 39, 2728-2735.	2.5	46
36	Bioactives from stems and leaves of mung beans (<i>Vigna radiata</i> L.). <i>Journal of Functional Foods</i> , 2016, 25, 314-322.	3.4	24

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37	Antioxidant and Myocardial Preservation Activities of Natural Phytochemicals from Mung Bean (<i>Vigna radiata</i> L.) Seeds. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 4648-4655.	5.2	34
38	Simultaneous qualitative and quantitative analysis of 21 mycotoxins in <i>Radix Paeoniae Alba</i> by ultra-high performance liquid chromatography quadrupole linear ion trap mass spectrometry and QuEChERS for sample preparation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1031, 202-213.	2.3	46
39	Pharmacokinetic parameters of three active ingredients hederacoside C, hederacoside D, and hederin in <i>Hedera helix</i> in rats. <i>Journal of Separation Science</i> , 2016, 39, 3292-3301.	2.5	12
40	Application of a UPLC-MS/MS method to the protein binding study of TM-2 in rat, human and beagle dog plasma. <i>Journal of Pharmaceutical Analysis</i> , 2016, 6, 32-38.	5.3	12
41	Metabolism of dictamnine in liver microsomes from mouse, rat, dog, monkey, and human. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 119, 166-174.	2.8	32
42	Comparison of two extraction methods for the determination of 135 pesticides in <i>Corydalis Rhizoma</i> , <i>Chuanxiong Rhizoma</i> and <i>Angelicae Sinensis Radix</i> by liquid chromatography-triple quadrupole-mass spectrometry. Application to the roots and rhizomes of Chinese herbal medicines. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1017-1018, 233-240.	2.3	30
43	Simultaneous determination of cinnamaldehyde, cinnamic acid, and 2-methoxy cinnamic acid in rat whole blood after oral administration of volatile oil of <i>Cinnamoni Ramulus</i> by UHPLC-MS/MS: An application for a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1001, 107-113.	2.3	40
44	Simultaneous determination and pharmacokinetic study of Atractylenolide I, II and III in rat plasma after intragastric administration of Baizhufuling extract and <i>Atractylodis</i> extract by UPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 993-994, 86-92.	2.3	21
45	Determination of atractylon in rat plasma by a GC-MS method and its application to a pharmacokinetic study. <i>Journal of Pharmaceutical Analysis</i> , 2015, 5, 327-331.	5.3	7
46	Study on degradation kinetics of 2-(2-hydroxypropanamido) benzoic acid in aqueous solutions and identification of its major degradation product by UHPLC/TOF-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 112, 1-7.	2.8	4
47	Metabolic profile of 2-(2-hydroxypropanamido) benzoic acid in rats by ultra high performance liquid chromatography combined with Fourier transform ion cyclotron resonance mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 993-994, 60-68.	2.3	14
48	Development of a sensitive ultra high performance liquid chromatography with tandem mass spectrometry method for the simultaneous quantification of nine active compounds in rat plasma and its application to a pharmacokinetic study after administration of. <i>Journal of Separation Science</i> , 2015, 38, 530-540.	2.5	2
49	Simultaneous determination of triamcinolone acetonide palmitate and triamcinolone acetonide in beagle dog plasma by UPLC-MS/MS and its application to a long-term pharmacokinetic study of triamcinolone acetonide palmitate lipid emulsion injection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 104, 105-111.	2.8	12
50	Comparative study on effects of single and multiple oral administration of mungbean (<i>Phaseolus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Chromatography, 2014, 28, 1313-1319.	1.7	8
51	Comparative pharmacokinetics of five saponins after intravenous administration of TSFS injection and TSFS injection plus TFFG in rats under different physiological states. <i>Journal of Pharmaceutical Analysis</i> , 2014, 4, 53-62.	5.3	8
52	A rapid and sensitive UHPLC-MS/MS method for quantification of 2-(2-hydroxypropanamido) benzoic acid in rat plasma: Application to a pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 95, 20-25.	2.8	9
53	Secondary Metabolites of the Marine Fungus <i>Penicillium chrysogenum</i> . <i>Chemistry of Natural Compounds</i> , 2014, 50, 405-407.	0.8	18
54	Pharmacokinetics, tissue distribution and excretion study of dictamnine, a major bioactive component from the root bark of <i>Dictamnus dasycarpus</i> Turcz. (Rutaceae). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 942-943, 1-8.	2.3	29

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55	Bis-N-norgliovictin, a small-molecule compound from marine fungus, inhibits LPS-induced inflammation in macrophages and improves survival in sepsis. <i>European Journal of Pharmacology</i> , 2013, 705, 49-60.	3.5	40
56	Pharmacokinetic comparisons of puerarin, daidzin and the glucuronide metabolite of puerarin after administration of total flavonoid from Gegen alone and total flavonoid from Gegen combined with total saponin from Sanqi in rats under different physiological states. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 931, 127-133.	2.3	10
57	Simultaneous determination of limonin, dictamnine, obacunone and fraxinellone in rat plasma by a validated UHPLC-MS/MS and its application to a pharmacokinetic study after oral administration of Cortex Dictamni extract. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 928, 44-51.	2.3	39
58	A fast, sensitive, and high throughput method for the determination of cefuroxime lysine in dog plasma by UPLC-MS/MS. <i>Talanta</i> , 2012, 89, 84-90.	5.5	20
59	Determination and Pharmacokinetics of 6,7-Dimethoxycoumarin in Rat Plasma after Intragastric Administration of Different Decoctions of Yinchenhao Tang. <i>Journal of Chromatographic Science</i> , 2007, 45, 544-548.	1.4	10
60	Hyrtilosins A-E, Five New Scalarane Sesterterpenes from the South China Sea Sponge <i>Hyrtilos erecta</i> . <i>Helvetica Chimica Acta</i> , 2005, 88, 1004-1009.	1.6	23
61	A novel determination method of quaternary ammonium oxime reactivators and their blood-brain barrier permeability evaluation by surface-enhanced Raman spectrometry. <i>Journal of Raman Spectroscopy</i> , 0, , .	2.5	0