

Tai-Jun Hang

List of Publications by Citations

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70
papers

762
citations

13
h-index

24
g-index

72
ext. papers

900
ext. citations

4.3
avg, IF

3.83
L-index

#	Paper	IF	Citations
70	Identification of the major metabolites of resveratrol in rat urine by HPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 829, 97-106	3.2	94
69	Determination of oleanolic acid in human plasma and study of its pharmacokinetics in Chinese healthy male volunteers by HPLC tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006 , 40, 190-6	3.5	71
68	Determination and pharmacokinetic study of oxymatrine and its metabolite matrine in human plasma by liquid chromatography tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006 , 41, 918-24	3.5	46
67	Functional Interfaces Constructed by Controlled/Living Radical Polymerization for Analytical Chemistry. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 2881-98	9.5	40
66	Simultaneous determination of amoxicillin and ambroxol in human plasma by LC-MS/MS: validation and application to pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 48, 829-34	3.5	40
65	Effects of the coexisting diterpenoid tanshinones on the pharmacokinetics of cryptotanshinone and tanshinone IIA in rat. <i>European Journal of Pharmaceutical Sciences</i> , 2007 , 32, 247-53	5.1	34
64	Development of an LC-MS/MS method for the simultaneous quantification of aripiprazole and dehydroaripiprazole in human plasma. <i>Analytical Biochemistry</i> , 2009 , 385, 270-7	3.1	32
63	Simultaneous determination of three Panax notoginseng saponins at sub-nanograms by LC-MS/MS in dog plasma for pharmacokinetics of compound Danshen tablets. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010 , 878, 3331-7	3.2	30
62	Simultaneous determination of amiloride and hydrochlorothiazide in human plasma by liquid chromatography/tandem mass spectrometry with positive/negative ion-switching electrospray ionisation. <i>Rapid Communications in Mass Spectrometry</i> , 2007 , 21, 3427-34	2.2	25
61	Simultaneous determination and pharmacokinetic study of roxithromycin and ambroxol hydrochloride in human plasma by LC-MS/MS. <i>Clinica Chimica Acta</i> , 2007 , 382, 20-4	6.2	20
60	Liquid chromatography-hydride generation-atomic fluorescence spectrometry determination of arsenic species in dog plasma and its application to a pharmacokinetic study after oral administration of Realgar and Niu Huang Jie Du Pian. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010 , 878, 3331-7	3.2	18
59	Rapid and sensitive liquid chromatography-tandem mass spectrometry: assay development, validation and application to a human pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 875, 515-21	3.2	15
58	A selective HPLC method for the determination of indapamide in human whole blood: application to a bioequivalence study in Chinese volunteers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006 , 40, 202-5	3.5	14
57	Bioaccessibility and health risk assessment of mercury in cinnabar containing Traditional Chinese Medicines. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017 , 44, 17-25	4.1	12
56	Danggui Buxue Decoction Sensitizes the Response of Non-Small-Cell Lung Cancer to Gemcitabine via Regulating Deoxycytidine Kinase and P-glycoprotein. <i>Molecules</i> , 2019 , 24,	4.8	12
55	Precolumn derivatization LC-MS/MS method for the determination and pharmacokinetic study of glucosamine in human plasma and urine. <i>Journal of Pharmaceutical Analysis</i> , 2012 , 2, 19-28	14	12
54	Simultaneous LC-MS/MS determination of five tripterygium pyridine alkaloids in dog plasma and its application to their pharmacokinetic study after oral administration of tripterygium glycosides tablets. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015 , 938, 31-6	3.2	11

53	A rapid and sensitive UPLC-MS/MS method for determination of HZ08 in rat plasma and tissues: application to a pharmacokinetic study of liposome injections. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 102, 246-52	3.5	11
52	Pharmacokinetic properties of lansoprazole (30-mg enteric-coated capsules) and its metabolites: A single-dose, open-label study in healthy Chinese male subjects. <i>Current Therapeutic Research</i> , 2009 , 70, 228-39	2.4	11
51	Health risk assessment of arsenic in Realgar and NiuHuangJieDu Tablets based on pharmacokinetic study. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018 , 48, 81-86	4.1	10
50	Development and validation of a rapid HPLC method for the determination of cefdinir in beagle dog plasma integrated with an automatic on-line solid-phase extraction following protein precipitation in the 96-well plate format. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 895-896, 83-8	3.2	10
49	Identification and Determination of Related Substances in Diosmin Bulk Drug and Pharmaceutical Formulations by HPLC and HPLCMS. <i>Chromatographia</i> , 2013 , 76, 499-508	2.1	10
48	Analysis of bacitracin and its related substances by liquid chromatography tandem mass spectrometry. <i>Journal of Pharmaceutical Analysis</i> , 2017 , 7, 48-55	14	10
47	Identification and characterization of related substances in pomalidomide by hyphenated LC-MS techniques. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 114, 159-67	3.5	10
46	Determination of sinomenine sustained-release capsules in healthy Chinese volunteers by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 889-890, 39-43	3.2	10
45	LC-MS/MS Simultaneous Determination of Niacin, Niacinamide and Nicotinuric Acid in Human Plasma LC-MS/MS and Its Application to a Human Pharmacokinetic Study. <i>Chromatographia</i> , 2010 , 72, 245-253	2.1	10
44	Identification and characterization of process-related substances and degradation products in apremilast: Process optimization and degradation pathway elucidation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 141, 70-78	3.5	9
43	Comparative health risk assessment of realgar and NiuHuangJieDu tablets based on tissue arsenic levels after multiple oral administration to rats. <i>Journal of Ethnopharmacology</i> , 2020 , 249, 112370	5	9
42	Identification of related substances in tofacitinib citrate by LC-MS techniques for synthetic process optimization. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 143, 17-25	3.5	8
41	Rapid and sensitive analysis of multiple bioactive constituents in tripterygium glycosides tablets using liquid chromatography coupled with time-of-flight mass spectrometry. <i>Journal of Separation Science</i> , 2015 , 38, 804-12	3.4	8
40	A selective and sensitive pre-column derivatization HPLC method for the trace analysis of genotoxic impurity hydroxylamine in active pharmaceutical ingredients. <i>Analytical Methods</i> , 2016 , 8, 8352-8361	3.2	7
39	LC-MS-MS Determination and Pharmacokinetic Study of Clozapine in Human Plasma. <i>Chromatographia</i> , 2009 , 69, 1049-1054	2.1	7
38	Development of an LC-MS/MS method for determination of 2-oxo-clopidogrel in human plasma. <i>Journal of Pharmaceutical Analysis</i> , 2015 , 5, 12-17	14	6
37	Profiling and Preparation of Metabolites from Pyragrel in Human Urine by Online Solid-Phase Extraction Coupled with High Performance Liquid Chromatography Tandem Mass Spectrometry Followed by a Macroporous Resin-Based Purification Approach. <i>Molecules</i> , 2017 , 22,	4.8	6
36	Rapid, Sensitive and Selective Analysis of trans-Resveratrol in Rat Plasma by LCMS/MS. <i>Chromatographia</i> , 2011 , 73, 1203-1210	2.1	6

35	Simultaneous determination of indapamide, perindopril and perindoprilat in human plasma or whole blood by UPLC-MS/MS and its pharmacokinetic application. <i>Journal of Pharmaceutical Analysis</i> , 2018 , 8, 333-340	14	6
34	Synthesis and Characterization of Ordered Mesoporous Silica Spheres Using Anionic and Nonionic Mixed Surfactants for Their Potential Application in LC. <i>Chromatographia</i> , 2011 , 73, 623-629	2.1	5
33	Toxicity and risk assessment of mercury exposures from cinnabar and Baizi Yangxin Pills based on pharmacokinetic and tissue distribution studies. <i>Journal of Ethnopharmacology</i> , 2020 , 250, 112489	5	5
32	Identification and characterization of related substances in EVT-401 by hyphenated LC-MS techniques. <i>Journal of Pharmaceutical Analysis</i> , 2017 , 7, 223-230	14	4
31	Development and Validation of a Stability-Indicating HPLC Method for the Determination of the Impurities in Cabazitaxel. <i>Chromatographia</i> , 2015 , 78, 825-831	2.1	4
30	Determination of virginiamycin M1 residue in tissues of swine and chicken by ultra-performance liquid chromatography tandem mass spectrometry. <i>Food Chemistry</i> , 2018 , 250, 127-133	8.5	4
29	Impurity profiling of varenicline tartrate by LC-QTOF mass spectrometric techniques during drug development. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 155, 306-313	3.5	4
28	Development and validation of a robust LC-MS-MS with atmospheric pressure chemical ionization for quantitation of carbazochrome sodium sulfonate in human plasma: application to a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2010 , 24, 990-9	1.7	4
27	Pharmacokinetics of HZ08 in rats by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 856, 29-34	3.2	4
26	A validated stability-indicating ultra performance liquid chromatography method for the determination of potential process-related impurities in eplerenone. <i>Journal of Separation Science</i> , 2016 , 39, 2907-18	3.4	4
25	Isolation and characterization of related substances in alogliptin benzoate by LC-QTOF mass spectrometric techniques. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 128, 253-263	3.5	4
24	Simultaneous determination of ciclesonide and its active metabolite desisobutyryl-ciclesonide in human plasma by LC-APCI-MS/MS: application to pharmacokinetic study in healthy Chinese volunteers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 55, 230-5	3.5	3
23	Liposomal remdesivir inhalation solution for targeted lung delivery as a novel therapeutic approach for COVID-19. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021 , 16, 772-772	9	3
22	Danggui Buxue Decoction enhances the anticancer activity of gemcitabine and alleviates gemcitabine-induced myelosuppression. <i>Journal of Ethnopharmacology</i> , 2021 , 273, 113965	5	3
21	Impurity profiling of alfentanil hydrochloride by liquid chromatography/quadrupole time-of-flight high-resolution mass spectrometric techniques for drug enforcement. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34, e8847	2.2	2
20	Identification and characterization of the process-related impurities in fasudil hydrochloride by hyphenated techniques using a quality by design approach. <i>Journal of Separation Science</i> , 2014 , 37, 758-634	2.4	2
19	Pharmacokinetic study of inosiplex tablets in healthy Chinese volunteers by hyphenated HPLC and tandem MS techniques. <i>Journal of Pharmaceutical Analysis</i> , 2013 , 3, 387-393	14	2
18	Application of a sensitive and specific LC-MS/MS method for determination of wilforine from <i>Tripterygium wilfordii</i> Hook. F. in rat plasma for a bioavailability study. <i>Biomedical Chromatography</i> , 2015 , 29, 1042-7	1.7	2

17	Impact on L-carnitine Homeostasis of Short-term Treatment with the Pivalate Prodrug Tenofovir Dipivoxil. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2013 , 113, 431-5	3.1	2
16	Quantification of henatinib maleate, a novel potent inhibitor of VEGF receptors, in rat plasma by LC-MS/MS. <i>Biomedical Chromatography</i> , 2010 , 24, 420-5	1.7	2
15	Identification and characterization of new impurities in zopiclone tablets by LC-QTOF-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 199, 114056	3.5	2
14	Assessment of polybrominated diphenyl ethers and emerging brominated flame retardants in Pheretima (a Traditional Chinese Medicine): Occurrence, residue profiles, and potential health risks. <i>Environmental Pollution</i> , 2021 , 276, 116680	9.3	2
13	An LC-MS/MS method for quantification of HR011303, a novel highly selective urate transporter 1 inhibitor in beagle dogs and the application to a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2019 , 33, e4604	1.7	1
12	Separation and identification of process-related substances and degradation products in mycophenolate mofetil by liquid chromatography coupled with quadrupole-time of flight mass spectrometry. <i>Journal of Separation Science</i> , 2019 , 42, 2650-2659	3.4	1
11	Stability profiling of anti-malarial drug piperazine phosphate and impurities by HPLC-UV, TOF-MS, ESI-MS and NMR. <i>Malaria Journal</i> , 2014 , 13, 401	3.6	1
10	Application of liquid chromatographic/tandem mass spectrometric method to a urinary excretion study of subunit B and active metabolite in human urine. <i>Biomedical Chromatography</i> , 2016 , 30, 596-600	1.7	1
9	Arsenic-Related Health Risk Assessment of Realgar-Containing NiuHuangJieDu Tablets in Healthy Volunteers Administration.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 761801	5.6	0
8	Pharmacovigilance of herb-drug interactions: A pharmacokinetic study on the combination administration of herbal Kang Bi injection and chemotherapy irinotecan hydrochloride injection by LC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 194, 113784	3.5	0
7	Identification of degradation products in flumazenil using LC-Q-TOF/MS and NMR: Degradation pathway elucidation.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022 , 215, 114764	3.5	0
6	Population pharmacokinetics of ethanamizuril in normal and coccidiosis-infected chickens through ultra-performance liquid chromatography-Tandem Mass Spectrometry. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2020 , 43, 331-338	1.4	
5	Determination of clobetasol propionate, tazarotene and tazarotenic acid in Bama mini-pig skin by UPLC-MS/MS: Application to pharmacokinetic and drug-drug interaction studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 186, 113322	3.5	
4	A Validated LC Method for Determination of Trace Impurities in Technical Triadimefon. <i>Chromatographia</i> , 2011 , 74, 737-741	2.1	
3	Simultaneous determination of tazarotene, clindamycin phosphate and their active metabolites in Bama mini-pig skin by LC-MS/MS: Application to the development of a tazarotene/clindamycin phosphate cream. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021 , 1162, 122455	3.2	
2	Identification and monitoring of fentanyl-related substances in east China sewage water samples by LC-MS for drug enforcement. <i>Science of the Total Environment</i> , 2021 , 797, 149109	10.2	
1	Preparation, evaluation and pharmacokinetics of diosmin herbosome in beagle dogs. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020 , 33, 33-40	0.4	