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Simultaneous determination of baicalin, wogonoside, baicalein, wogonin, oroxylin A and chrysin of Radix scutellariae extract in rat plasma by liquid chromatography tandem mass spectrometry

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#	Paper	IF	Citations
93	The inhibitory effects of the bioactive components isolated from <i>Scutellaria baicalensis</i> on the cellular uptake mediated by the essential solute carrier transporters. <i>Journal of Pharmaceutical Sciences</i> , <b>2013</b> , 102, 4205-11	3.9	30
92	Xiaochaihutang prevents depressive-like behaviour in rodents by enhancing the serotonergic system. <i>Journal of Pharmacy and Pharmacology</i> , <b>2014</b> , 66, 823-34	4.8	24
91	Quantitative analysis of flavonoids, alkaloids and saponins of Banxia Xiexin decoction using ultra-high performance liquid chromatography coupled with electrospray ionization tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 88, 525-35	3.5	26
90	Multiple methods were combined to monitor and evaluate the quality of TCM, and make the results more reliable. <i>Analytical Methods</i> , <b>2014</b> , 6, 838-849	3.2	17
89	Comparative pharmacokinetic and tissue distribution study of baicalin, baicalein, wogonoside, wogonin and oroxylin-A after oral administration of Component compatibility of SHT and total flavonoids fractions of <i>Radix scutellariae</i> to rats. <i>Analytical Methods</i> , <b>2014</b> , 6, 5799-5807	3.2	10
88	Bioanalysis and Pharmacokinetics of Eight Active Components from Huanglian Jiedu Decoction in Rat Plasma by LC-ESI-MS/MS Method. <i>Chinese Herbal Medicines</i> , <b>2014</b> , 6, 198-210	1.4	6
87	Simultaneous multi-component quantitation of Chinese herbal injection Yin-zhi-huang in rat plasma by using a single-tube extraction procedure for mass spectrometry-based pharmacokinetic measurement. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2014</b> , 967, 245-54	3.2	20
86	Comparative pharmacokinetics of a marker compound, baicalin in KOB extract after oral administration to normal and allergic-induced rats. <i>Drug Delivery</i> , <b>2014</b> , 21, 453-8	7	10
85	An LC-MS/MS method for the simultaneous determination and pharmacokinetic studies of bergenin, chlorogenic acid and four flavonoids in rat plasma after oral administration of a QingGanSanJie decoction extract. <i>Biomedical Chromatography</i> , <b>2014</b> , 28, 1670-8	1.7	5
84	Simulated gastrointestinal tract metabolism and pharmacological activities of water extract of <i>Scutellaria baicalensis</i> roots. <i>Journal of Ethnopharmacology</i> , <b>2014</b> , 152, 183-9	5	45
83	High-throughput salting-out-assisted homogeneous liquid-liquid extraction with acetonitrile for determination of baicalin in rat plasma with high-performance liquid chromatography. <i>Biomedical Chromatography</i> , <b>2014</b> , 28, 648-53	1.7	15
82	Comparative metabolites in plasma and urine of normal and type 2 diabetic rats after oral administration of the traditional Chinese scutellaria-coptis herb couple by ultra performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2014</b> , 965, 27-32	3.2	21
81	Assessment of baicalin in mouse blood by monoclonal antibody-based icELISA. <i>Biomedical Chromatography</i> , <b>2014</b> , 28, 1864-8	1.7	12
80	Extracts of <i>Scutellariae Radix</i> inhibit low-density lipoprotein oxidation and the lipopolysaccharide-induced macrophage inflammatory response. <i>Molecular Medicine Reports</i> , <b>2015</b> , 12, 1335-41	2.9	21
79	Chungsimyeonja-eum inhibits inflammatory responses in RAW 264.7 macrophages and HaCaT keratinocytes. <i>BMC Complementary and Alternative Medicine</i> , <b>2015</b> , 15, 371	4.7	7
78	Simultaneous determination of baicalin, oroxylin A-7-O-glucuronide and wogonoside in rat plasma by UPLC-DAD and its application in pharmacokinetics of pure baicalin, <i>Radix Scutellariae</i> and Yinhuang granule. <i>Biomedical Chromatography</i> , <b>2015</b> , 29, 1819-25	1.7	9
77	Reproductive and Developmental Toxicity of Orally Administered Botanical Composition, UP446-Part III: Effects on Fertility and Early Embryonic Development to Implantation in Sprague Dawley Rats. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , <b>2015</b> , 104, 166-76		4

76	Reproductive and Developmental Toxicity of Orally Administered Botanical Composition, UP446-Part I: Effects on Embryo-Fetal Development in New Zealand White Rabbits and Sprague Dawley Rats. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , <b>2015</b> , 104, 141-52		6
75	Reproductive and Developmental Toxicity of Orally Administered Botanical Composition, UP446-Part II: Effects on Prenatal and Postnatal Development, Including Maternal Function in Sprague-Dawley Rats. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , <b>2015</b> , 104, 153-175		5
74	Traditional Herbal Formula Banhasasim-tang Exerts Anti-Inflammatory Effects in RAW 264.7 Macrophages and HaCaT Keratinocytes. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2015</b> , 2015, 728380	2.3	5
73	Scutellariae radix induces apoptosis in chemoresistant SCC-25 human tongue squamous carcinoma cells. <i>The American Journal of Chinese Medicine</i> , <b>2015</b> , 43, 167-81	6	14
72	Simultaneous determination of ten flavonoids of crude and wine-processed Radix Scutellariae aqueous extracts in rat plasma by UPLC-ESI-MS/MS and its application to a comparative pharmacokinetic study. <i>Biomedical Chromatography</i> , <b>2015</b> , 29, 1112-23	1.7	28
71	Bioavailability of Herbal Products. <b>2015</b> , 217-245		19
70	Neuroprotective effects of chrysin: From chemistry to medicine. <i>Neurochemistry International</i> , <b>2015</b> , 90, 224-31	4.4	114
69	HPLC-PDA Method for Simultaneous Determination of Nine Marker Components in Banhasasim-Tang. <i>Journal of Chromatographic Science</i> , <b>2016</b> , 54, 299-304	1.4	4
68	Simultaneous determination of ten active constituents of Yankening Capsule in rat plasma by ultra high performance liquid chromatography with tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2015</b> , 978-979, 43-53	3.2	9
67	LC-MS/MS analysis of Gegen Qinlian Decoction and its pharmacokinetics after oral administration to rats. <i>Biomedical Chromatography</i> , <b>2015</b> , 29, 485-95	1.7	21
66	LC-UV Determination of Baicalin in Rabbit Plasma and Tissues for Application in Pharmacokinetics and Tissue Distribution Studies of Baicalin after Intravenous Administration of Liposomal and Injectable Formulations. <i>Molecules</i> , <b>2016</b> , 21, 444	4.8	19
65	LC-MS/MS analysis and pharmacokinetic study on five bioactive constituents of Tanreqing injection in rats. <i>Chinese Journal of Natural Medicines</i> , <b>2016</b> , 14, 769-775	2.8	14
64	Simultaneous Determination of Baicalein and Baicalin in Human Plasma by High Performance Liquid Chromatograph-Tandem Spectrometry and its Application in a Food-Effect Pharmacokinetic Study. <i>Drug Research</i> , <b>2016</b> , 66, 394-401	1.8	8
63	An LC-MS/MS method for simultaneous determination of four flavonoids from Semen Oroxyli in rat plasma and its application to a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1020, 96-102	3.2	14
62	Determination of baicalin in cosmetics and toothpaste by solid-phase extraction and high-performance liquid chromatography. <i>Instrumentation Science and Technology</i> , <b>2016</b> , 44, 593-602	1.4	3
61	26-week repeated oral dose toxicity study of UP446, a combination of defined extracts of Scutellaria baicalensis and Acacia catechu, in beagle dogs. <i>Regulatory Toxicology and Pharmacology</i> , <b>2016</b> , 78, 66-77	3.4	6
60	Electrochemical behavior and determination of baicalin on a glassy carbon electrode modified with molybdenum disulfide nano-sheets. <i>Journal of Electroanalytical Chemistry</i> , <b>2016</b> , 775, 286-291	4.1	18
59	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1026, 124-133	3.2	27

58	Rapid quantitative analysis of multi-components in <i>Andrographis paniculata</i> using UPLC-QqQLIT-MS/MS: Application to soil sodicity and organic farming. <i>Industrial Crops and Products</i> , <b>2016</b> , 83, 423-430	5.9	6
57	Development of a multiple reaction monitoring (MRM) method based on high performance liquid chromatography/tandem mass spectrometry to analyze in vivo exposure profiles of complex herbal components independent of standards. <i>RSC Advances</i> , <b>2016</b> , 6, 19357-19371	3.7	
56	The pharmacokinetics of Tiangou antihypertensive capsule in rat. <i>Biomedical Reports</i> , <b>2017</b> , 6, 113-119	1.8	4
55	Simultaneous determination of wogonin, oroxylin a, schisandrin, paeoniflorin and emodin in rat serum by HPLC-MS/MS and application to pharmacokinetic studies. <i>Biomedical Chromatography</i> , <b>2017</b> , 31, e3966	1.7	11
54	Discovery of discriminatory quality control markers for Chinese herbal medicines and related processed products by combination of chromatographic analysis and chemometrics methods: Radix <i>Scutellariae</i> as a case study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2017</b> , 138, 70-79	3.5	36
53	Development and validation of a UHPLC-MS/MS method for the simultaneous determination of five bioactive flavonoids in rat plasma and comparative pharmacokinetic study after oral administration of Xiaochaihu Tang and three compatibilities. <i>Journal of Separation Science</i> , <b>2017</b> , 40, 1896-1905	3.4	8
52	Development of a new HPLC method for wogonin in rat plasma: Compatibility of standard and test samples. <i>Acta Pharmaceutica</i> , <b>2017</b> , 67, 373-384	3.2	1
51	Comparative intestinal bacteria-associated pharmacokinetics of 16 components of Shengjiang Xiexin decoction between normal rats and rats with irinotecan hydrochloride (CPT-11)-induced gastrointestinal toxicity in vitro using salting-out sample preparation and LC-MS/MS. <i>RSC Advances</i> , <b>2017</b> , 7, 12121-12127	3.7	6
50	Simultaneous Quantification of Eight Marker Compounds in Yongdamsagan-Tang Using a High-Performance Liquid Chromatography Equipped with Photodiode Array Detector. <i>Journal of Chromatographic Science</i> , <b>2017</b> , 55, 926-933	1.4	4
49	Comparative research on stability of baicalin and baicalein administrated in monomer and total flavonoid fraction form of Radix <i>scutellariae</i> in biological fluids in vitro. <i>Pharmaceutical Biology</i> , <b>2017</b> , 55, 1177-1184	3.8	13
48	Protective Effects of Chrysin Against Drugs and Toxic Agents. <i>Dose-Response</i> , <b>2017</b> , 15, 15593258177111782	1.8	40
47	Pharmacokinetic properties of wogonin and its herb-drug interactions with docetaxel in rats with mammary tumors. <i>Biomedical Chromatography</i> , <b>2018</b> , 32, e4264	1.7	6
46	Mechanism in the existent difference in form of wogonin/wogonoside between plasma and intestine/liver in rats.. <i>RSC Advances</i> , <b>2018</b> , 8, 3364-3373	3.7	4
45	Simultaneous determination of baicalin, baicalein, wogonoside, wogonin, scutellarin, berberine, coptisine, ginsenoside Rb1 and ginsenoside Re of Banxia xiexin decoction in rat plasma by LC-MS/MS and its application to a pharmacokinetic study. <i>Biomedical Chromatography</i> , <b>2018</b> , 32, e4083	1.7	13
44	Electrochemical Determination of Baicalin in Traditional Chinese Medicine Based on the Enhancement Effect of MoO <sub>3</sub> -Reduced Graphene Oxide Nanocomposite. <i>Journal of Electronic Materials</i> , <b>2018</b> , 47, 1151-1157	1.9	5
43	The Influence of Compatibility of Rhubarb and Radix <i>Scutellariae</i> on the Pharmacokinetics of Anthraquinones and Flavonoids in Rat Plasma. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , <b>2018</b> , 43, 291-300	2.7	6
42	Effect of type 2 diabetes mellitus on flavonoid pharmacokinetics and tissue distribution after oral administration of Radix <i>Scutellariae</i> extract in rats. <i>Chinese Journal of Natural Medicines</i> , <b>2018</b> , 16, 418-427	2.8	8
41	Simultaneous Determination of Wogonin, Scutellarin, Baicalin, and Baicalein in Extracts from <i>Scutellariae Baicalensis</i> by High-Performance Liquid Chromatography with Tandem Mass Spectrometry. <i>Journal of Analytical Chemistry</i> , <b>2018</b> , 73, 1317-1322	1.1	5

40	Chrysin: A Promising Anticancer Agent its Current Trends and Future Perspectives. <i>European Journal of Experimental Biology</i> , <b>2018</b> , 08,		6
39	Anti- and Anti-Inflammatory Effects and Constituent Analysis of Modified Xiaochaihutang for the Treatment of Chronic Gastritis and Gastric Ulcer. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2018</b> , 2018, 6810369	2.3	5
38	Simultaneous Determination of Chrysin and Tectochrysin from Fruits by UPLC-MS/MS and Its Application to a Comparative Pharmacokinetic Study in Normal and Dementia Rats. <i>Molecules</i> , <b>2018</b> , 23,	4.8	11
37	Development and Validation of a HPLC-MS/MS Method for Simultaneous Determination of Twelve Bioactive Compounds in : Application to a Pharmacokinetic Study in Rats. <i>Molecules</i> , <b>2018</b> , 23,	4.8	10
36	Pharmacokinetics of B-Ring Unsubstituted Flavones. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	7
35	Polyphenols of Chinese skullcap roots: from chemical profiles to anticancer effects.. <i>RSC Advances</i> , <b>2019</b> , 9, 25518-25532	3.7	4
34	Inhibitory Effects of Root Extract on Linoleic Acid Hydroperoxide-induced Lung Mitochondrial Lipid Peroxidation and Antioxidant Activities. <i>Molecules</i> , <b>2019</b> , 24,	4.8	16
33	Validation of an LC-MS/MS method for simultaneous detection of diverse components of Qinxing Qingre Zhike Granule in rat plasma and its application to pharmacokinetic study after oral administration to rats. <i>Biomedical Chromatography</i> , <b>2019</b> , 33, e4524	1.7	4
32	Chrysin Alleviates Chronic Hypoxia-Induced Pulmonary Hypertension by Reducing Intracellular Calcium Concentration in Pulmonary Arterial Smooth Muscle Cells. <i>Journal of Cardiovascular Pharmacology</i> , <b>2019</b> , 74, 426-435	3.1	10
31	Pharmacokinetics and Bioavailability Enhancement of Baicalin: A Review. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , <b>2019</b> , 44, 159-168	2.7	56
30	In vivo effect of quantified flavonoids-enriched extract of <i>Scutellaria baicalensis</i> root on acute lung injury induced by influenza A virus. <i>Phytomedicine</i> , <b>2019</b> , 57, 105-116	6.5	45
29	Qualitative and quantitative determination of <i>Atractylodes rhizome</i> using ultra-performance liquid chromatography coupled with linear ion trap-Orbitrap mass spectrometry with data-dependent processing. <i>Biomedical Chromatography</i> , <b>2019</b> , 33, e4443	1.7	12
28	Simultaneous determinations of four major bioactive components in <i>Acacia catechu</i> (L.f.) Willd and <i>Scutellaria baicalensis</i> Georgi extracts by LC-MS/MS: Application to its herb-herb interactions based on pharmacokinetic, tissue distribution and excretion studies in rats. <i>Phytomedicine</i> , <b>2019</b> , 56, 64-73	6.5	11
27	Pharmacokinetics, tissue distribution and excretion study of Oroxylin A, Oroxylin A 7-O-glucuronide and Oroxylin A sodium sulfonate in rats after administration of Oroxylin A. <i>Phytotherapy</i> , <b>2020</b> , 142, 104480	3.2	7
26	Application of multi-dimensional and multi-informational (MD-MI) integrated xanthine oxidase and superoxide anion fingerprint in quality evaluation of <i>Scutellariae Radix</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2020</b> , 191, 113595	3.5	3
25	Determination of oroxylin A, oroxylin A 7-O-glucuronide, and oroxylin A sodium sulfonate in beagle dogs by using UHPLC MS/MS Application in a pharmacokinetic study. <i>Journal of Separation Science</i> , <b>2020</b> , 43, 2290-2300	3.4	4
24	Metabolic Interaction between Ammonia and Baicalein. <i>Chemical Research in Toxicology</i> , <b>2020</b> , 33, 2181-2188		
23	5-HT receptor-mediated attenuation of heat hyperalgesia and mechanical allodynia by chrysin in mice with experimental mononeuropathy. <i>Regional Anesthesia and Pain Medicine</i> , <b>2020</b> , 45, 610-619	3.4	2

22	Quality assessment of traditional herbal formula, Hyeonggaeyeongyo-tang through simultaneous determination of twenty marker components by HPLC-PDA and LC-MS/MS. <i>Saudi Pharmaceutical Journal</i> , <b>2020</b> , 28, 427-439	4.4	12
21	Assembly of black phosphorus quantum dots-doped MOF and silver nanoclusters as a versatile enzyme-catalyzed biosensor for solution, flexible substrate and latent fingerprint visual detection of baicalin. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 152, 112012	11.8	38
20	Wogonin glucuronidation in liver and intestinal microsomes of humans, monkeys, dogs, rats, and mice. <i>Xenobiotica</i> , <b>2020</b> , 50, 906-912	2	4
19	Simultaneous Determination of Four Bioactive Flavonoids in Rat Plasma by UPLC-MS/MS and Comparative Pharmacokinetic Study after Oral Administration of Danyikangtai Powder and Three Compatibilities. <i>Current Pharmaceutical Analysis</i> , <b>2021</b> , 17, 629-639	0.6	
18	Inhibitory effects of Coptidis Rhizoma on the intestinal absorption and metabolism of Scutellariae Radix. <i>Journal of Ethnopharmacology</i> , <b>2021</b> , 270, 113785	5	2
17	Pharmacokinetic comparisons of six steroid saponins in rat plasma following oral administration of crude and stir-fried Fructus Tribuli extracts by UHPLC-MS/MS. <i>Biomedical Chromatography</i> , <b>2021</b> , 35, e5151	1.7	2
16	Hairy Roots of spp. () as Promising Producers of Antiviral Flavones. <i>Molecules</i> , <b>2021</b> , 26,	4.8	3
15	The combination of UHPLC-HRMS and molecular networking improving discovery efficiency of chemical components in Chinese Classical Formula. <i>Chinese Medicine</i> , <b>2021</b> , 16, 50	4.7	1
14	Developing nutritional component chrysin as a therapeutic agent: Bioavailability and pharmacokinetics consideration, and ADME mechanisms. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 142, 112080	7.5	6
13	Ketocalix[3]carbazole: facile synthesis, rigid conformation and baicalin-selective sensing. <i>Organic Chemistry Frontiers</i> , <b>2020</b> , 7, 2291-2297	5.2	3
12	Quantitative Analysis of 18 Marker Components in the Traditional Korean Medicine, Cheongsangbangpung-Tang, Using High-Performance Liquid Chromatography Combined with Photodiode Array Detector. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 14	2.6	2
11	Antiviral Properties of Baicalin: a Concise Review. <i>Revista Brasileira De Farmacognosia</i> , <b>2021</b> , 31, 1-12	2	6
10	The Effective Preparation of Flavonoids from Scutellaria baicalensis GEORGI by Diaion HP-20 Resin. <i>Korean Journal of Plant Resources</i> , <b>2014</b> , 27, 635-641		2
9	Development of a Simultaneous Analysis Method for Quality Control of a Traditional Herbal Formula, Daeshiho-Tang, Using 10 Marker Components. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 10242	2.6	1
8	Design and evaluation of natural deep eutectic solvents system for chrysin to elicit its solubility, stability, and bioactivity. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 118205	6	1
7	Antipyretic mechanism exploration of HuanglianShangqing pill based on metabolomics and network pharmacology.. <i>Combinatorial Chemistry and High Throughput Screening</i> , <b>2022</b> ,	1.3	1
6	Sensitive Electrochemical Determination of Baicalein Based on D-Ti 3 C 2 T x MXene/Fullerene Composite Modified Glassy Carbon Electrode. <i>Electroanalysis</i> ,	3	1
5	Simultaneous Analysis of 19 Marker Components for Quality Control of Oncheong-Eum Using HPLC-DAD.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	0

4	Qualitative and quantitative determination of the primary active components and metabolites in human plasma after oral administration of Shuanghuanglian liquid. <i>Journal of Separation Science</i> ,	3-4	○
3	Modulation of diverse oncogenic signaling pathways by oroxylin A: An important strategy for both cancer prevention and treatment. <b>2022</b> , 105, 154369		○
2	Antitrypanosomal, Antitopoisomerase-I, and Cytotoxic Biological Evaluation of Some African Plants Belonging to Crassulaceae; Chemical Profiling of Extract Using UHPLC/QTOF-MS/MS. <b>2022</b> , 27, 8809		1
1	The protective effects of baicalin and chrysin against emamectin benzoate-induced toxicity in Wistar albino rats. <b>2023</b> , 30, 53997-54021		○