

Pharmacokinetics and tissue distribution of five major
administration of Rhizoma Alismatis extract to rats using
chromatographyâ€“tandem mass spectrometry

Journal of Pharmaceutical and Biomedical Analysis

146, 314-323

DOI: [10.1016/j.jpba.2017.09.009](https://doi.org/10.1016/j.jpba.2017.09.009)

Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A UPLC-MS/MS method for simultaneous quantification of pairs of oleanene- and ursane-type triterpenoid saponins and their major metabolites in mice plasma and its application to a comparative pharmacokinetic study. <i>RSC Advances</i> , 2018, 8, 8586-8595. | 1.7 | 4 |
| 2 | Quantitative Analysis of Eight Triterpenoids and Two Sesquiterpenoids in Rhizoma Alismatis by Using UPLC-ESI/APCI-MS/MS and Its Application to Optimisation of Best Harvest Time and Crude Processing Temperature. <i>Journal of Analytical Methods in Chemistry</i> , 2019, 2019, 1-13. | 0.7 | 6 |
| 3 | Alisol B 23-acetate inhibits the viability and induces apoptosis of non-small cell lung cancer cells via PI3K/AKT/mTOR signal pathway. <i>Molecular Medicine Reports</i> , 2019, 20, 1187-1195. | 1.1 | 9 |
| 4 | Alisol A Suppresses Proliferation, Migration, and Invasion in Human Breast Cancer MDA-MB-231 Cells. <i>Molecules</i> , 2019, 24, 3651. | 1.7 | 20 |
| 5 | Pharmacokinetic study of six triterpenoids of raw and processed <i>Alisma plantago-aquatica</i> in rat plasma by using ultra performance liquid chromatography-tandem mass spectrometry approach. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1124, 323-330. | 1.2 | 8 |
| 6 | The characterisation, pharmacokinetic and tissue distribution studies of TPGS modified myricetrin mixed micelles in rats. <i>Journal of Microencapsulation</i> , 2019, 36, 278-290. | 1.2 | 18 |
| 7 | A biochemometrics strategy for tracing diuretic components of crude and processed <i>Alisma orientale</i> based on quantitative determination and pharmacological evaluation. <i>Biomedical Chromatography</i> , 2020, 34, e4744. | 0.8 | 3 |
| 8 | Ginsenoside Rh2 impedes proliferation and migration and induces apoptosis by regulating NF- κ B, MAPK, and PI3K/Akt/mTOR signaling pathways in osteosarcoma cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020, 34, e22597. | 1.4 | 20 |
| 9 | Comprehensive metabolic profiling of <i>Alismatis Rhizoma</i> triterpenes in rats based on characteristic ions and a triterpene database. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 96-107. | 2.4 | 8 |
| 10 | Alisol B 23-Acetate Ameliorates Azoxymethane/Dextran Sodium Sulfate-Induced Male Murine Colitis-Associated Colorectal Cancer via Modulating the Composition of Gut Microbiota and Improving Intestinal Barrier. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 640225. | 1.8 | 27 |
| 11 | A Comparative Review of Methods For Estimation of Some Antihypertensive Drugs in Pharmaceutical Production. <i>Egyptian Journal of Chemistry</i> , 2021, . | 0.1 | 0 |
| 12 | Integrated bioinformatic analysis and experiment confirmation of the antagonistic effect and molecular mechanism of ginsenoside Rh2 in metastatic osteosarcoma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 201, 114088. | 1.4 | 3 |
| 13 | Qihuzha granule attenuated LPS-induced acute spleen injury in mice via Src/MAPK/Stat3 signal pathway. <i>Journal of Ethnopharmacology</i> , 2021, 281, 114458. | 2.0 | 6 |
| 14 | Exploratory study on application of MALDI-TOF-MS to detect serum and urine peptides related to small cell lung carcinoma. <i>Molecular Medicine Reports</i> , 2020, 21, 51-60. | 1.1 | 7 |
| 15 | Simultaneous Determination of Four Iridoid Glycosides from <i>Paederia Scandens</i> in Rat Plasma by LC-MS/MS and its Application to a Pharmacokinetic Study. <i>Current Analytical Chemistry</i> , 2020, 16, 298-307. | 0.6 | 2 |
| 16 | The Current Application of LC-MS/MS in Pharmacokinetics of Traditional Chinese Medicines (Recent) Tj ETQq1 1 0.784314 rgBT /Over | 0.7 | 5 |
| 17 | Determination of Tissue Distribution of Alisol G, a CB1R Antagonist, in Rats by Ultra-High-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Pharmaceutical Fronts</i> , 2020, 02, e179-e187. | 0.4 | 0 |
| 18 | Improved structural annotation of triterpene metabolites of traditional Chinese medicine in vivo based on quantitative structure-retention relationships combined with characteristic ions: <i>Alismatis Rhizoma</i> as an example. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1187, 123012. | 1.2 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Simultaneous Determination of Four Monoamine Neurotransmitters and Seven Effective Components of Zaoren Anshen Prescription in Rat Tissue using UPLC-MS/MS. <i>Current Pharmaceutical Analysis</i> , 2020, 17, 67-80. | 0.3 | 1 |
| 20 | Pharmacokinetics, hepatic disposition, and heart tissue distribution of 14 compounds in rat after oral administration of Qiâ€Liâ€Qiangâ€Xin capsule via ultraâ€highâ€performance liquid chromatography coupled with triple quadrupole tandem mass spectrometry. <i>Journal of Separation Science</i> , 2022, 45, 2177-2189. | 1.3 | 9 |
| 21 | Alisolâ€ attenuates malignant phenotypes of colorectal cancer cells by inactivating PI3K/Akt signaling. <i>Oncology Letters</i> , 2022, 24, . | 0.8 | 3 |
| 22 | A consolidative synopsis of the MALDI-TOF MS accomplishments for the rapid diagnosis of microbial plant disease pathogens. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 156, 116713. | 5.8 | 14 |
| 23 | Pharmacological Properties and Molecular Targets of Alisol Triterpenoids from <i>Alismatis Rhizoma</i> . <i>Biomedicines</i> , 2022, 10, 1945. | 1.4 | 8 |
| 24 | Therapeutic Effects of <i>Alisma orientale</i> and its Active Constituents on Cardiovascular Disease and Obesity. <i>The American Journal of Chinese Medicine</i> , 2023, 51, 623-650. | 1.5 | 7 |