

CITATION REPORT

List of articles citing

A rapid method for the simultaneous determination of 11 saponins in *Panax notoginseng* using ultra performance liquid chromatography

DOI: 10.1016/j.jpba.2007.03.032

Journal of Pharmaceutical and Biomedical Analysis, 2007, 44, 996-1000.

Source: <https://exaly.com/paper-pdf/42735836/citation-report.pdf>

Version: 2024-04-10

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
94	Analysis of alkaloids in <i>Coptis chinensis</i> Franch by accelerated solvent extraction combined with ultra performance liquid chromatographic analysis with photodiode array and tandem mass spectrometry detections. <i>Analytica Chimica Acta</i> , 2008 , 613, 184-95	6.6	135
93	Application of ultra-performance LC-TOF MS metabolite profiling techniques to the analysis of medicinal <i>Panax</i> herbs. <i>Metabolomics</i> , 2008 , 4, 248-260	4.7	88
92	Chemical markers for the quality control of herbal medicines: an overview. <i>Chinese Medicine</i> , 2008 , 3, 7	4.7	134
91	Rapid and sensitive analysis of multiple bioactive constituents in Compound Danshen preparations using LC-ESI-TOF-MS. <i>Journal of Separation Science</i> , 2008 , 31, 3156-69	3.4	23
90	Metabolite profiling of <i>Panax notoginseng</i> using UPLC-ESI-MS. <i>Phytochemistry</i> , 2008 , 69, 2237-44	4	93
89	Simultaneous determination of nucleobases, nucleosides and saponins in <i>Panax notoginseng</i> using multiple columns high performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 48, 1361-7	3.5	39
88	Simultaneous Determination of Twelve Saponins in <i>Radix et Rhizoma Notoginseng</i> by Rapid Resolution LC-ESI-TOF-MS. <i>Chromatographia</i> , 2008 , 68, 1033-1038	2.1	6
87	Sensitive Determination of Saponins in <i>Radix et Rhizoma Notoginseng</i> by Charged Aerosol Detector Coupled with HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008 , 32, 242-260	1.3	26
86	Rapid and Sensitive Analysis of Tannins and Monoterpene Glycosides in <i>Radix Paeoniae Alba</i> Products by HPLC-MS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009 , 32, 2232-2245	1.3	6
85	Quality control of herbal material and phytopharmaceuticals with MS and NMR based metabolic fingerprinting. <i>Planta Medica</i> , 2009 , 75, 763-75	3.1	145
84	Development and validation of UPLC for the determination of phenolic compounds and furanic derivatives in Brandy de Jerez. <i>Journal of Separation Science</i> , 2009 , 32, 1782-90	3.4	51
83	Rapid and sensitive quantitation of major constituents in Danggui Buxue Tang by ultra-fast HPLC-TOF/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 49, 502-7	3.5	21
82	A rapid ultra-performance liquid chromatography-electrospray Ionisation mass spectrometric method for the analysis of saponins in the adventitious roots of <i>Panax notoginseng</i> . <i>Phytochemical Analysis</i> , 2009 , 20, 68-76	3.4	30
81	Plasma pharmacokinetics, tissue distribution and excretion study of 6-gingerol in rat by liquid chromatography-electrospray ionization time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 49, 1070-4	3.5	24
80	Qualitative and quantitative analysis in quality control of traditional Chinese medicines. <i>Journal of Chromatography A</i> , 2009 , 1216, 2033-44	4.5	181
79	Sensitive high-performance liquid chromatography method of non-polar ginsenosides by alkaline-enhanced pulsed amperometric detection. <i>Journal of Chromatography A</i> , 2009 , 1216, 4445-50	4.5	8
78	A Rapid Method for the Analysis of Ten Compounds in <i>Psoralea corylifolia</i> L. by UPLC. <i>Chromatographia</i> , 2009 , 70, 199-204	2.1	22

77	Quantitative Determination of Eight Major Constituents in the Traditional Chinese Medicinal Yi-Qi-Fu-Mai Preparation by LC. <i>Chromatographia</i> , 2009 , 70, 969-974	2.1	4
76	Screening of herbal medicines for recovery of acetaminophen-induced nephrotoxicity. <i>Environmental Toxicology and Pharmacology</i> , 2009 , 27, 225-30	5.8	13
75	Metabolism profile of scutellarin in urine following oral administration to rats by ultra performance liquid chromatography coupled to time-of-flight mass spectrometry. <i>Talanta</i> , 2009 , 80, 84-91	6.2	30
74	Ginsenoside Rg1, a major active component isolated from <i>Panax notoginseng</i> , restrains tubular epithelial to myofibroblast transition in vitro. <i>Journal of Ethnopharmacology</i> , 2009 , 122, 35-41	5	34
73	Detection of adulteration of <i>notoginseng</i> root extract with other <i>panax</i> species by quantitative HPLC coupled with PCA. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 2363-7	5.7	58
72	Global Chemome Study by LC Coupled with DAD and ESI-QTOF MS of a Composite Traditional Chinese Medicine Qishenyiqi Dropping Pills. <i>Chromatographia</i> , 2010 , 72, 431-440	2.1	16
71	Recent analytical approaches in quality control of traditional Chinese medicines--a review. <i>Analytica Chimica Acta</i> , 2010 , 657, 9-18	6.6	347
70	Development of liquid chromatography/mass spectrometry methods for the quantitative analysis of herbal medicine in biological fluids: a review. <i>Biomedical Chromatography</i> , 2010 , 24, 91-103	1.7	37
69	Simultaneous determination of seven main alkaloids of <i>Chelidonium majus</i> L. by ultra-performance LC with photodiode-array detection. <i>Journal of Separation Science</i> , 2010 , 33, 1004-9	3.4	27
68	Fast determination of five components of coumarin, alkaloids and bibenzyls in <i>Dendrobium</i> spp. using pressurized liquid extraction and ultra-performance liquid chromatography. <i>Journal of Separation Science</i> , 2010 , 33, 1580-6	3.4	35
67	Simultaneous analysis of seven alkaloids in <i>Coptis-Evodia</i> herb couple and Zuojin pill by UPLC with accelerated solvent extraction. <i>Journal of Separation Science</i> , 2010 , 33, 2714-22	3.4	22
66	A poly(propylene fumarate)--calcium phosphate based angiogenic injectable bone cement for femoral head osteonecrosis. <i>Biomaterials</i> , 2010 , 31, 4048-55	15.6	32
65	Review of operating principle and applications of the charged aerosol detector. <i>Journal of Chromatography A</i> , 2010 , 1217, 1549-56	4.5	157
64	Applications of ultra-performance liquid chromatography to traditional Chinese medicines. <i>Journal of Chromatographic Science</i> , 2010 , 48, 18-21	1.4	9
63	Bio-Farms for Nutraceuticals. <i>Advances in Experimental Medicine and Biology</i> , 2010 ,	3.6	7
62	Analytical methods for the extraction and identification of secondary metabolite production in <i>Sn</i> vitro Splant cell cultures. <i>Advances in Experimental Medicine and Biology</i> , 2010 , 698, 250-66	3.6	8
61	Flow Injection Mass Spectroscopic Fingerprinting and Multivariate Analysis for Differentiation of Three <i>Panax</i> Species. <i>Journal of AOAC INTERNATIONAL</i> , 2011 , 94, 90-99	1.7	21
60	Isolation and analysis of ginseng: advances and challenges. <i>Natural Product Reports</i> , 2011 , 28, 467-95	15.1	247

59	Comparison of SPE-TD-GC-FID with UPLC-PDA and GC-MS Methods for Analysis of Benzene, Toluene and Xylene Isomers in Solid-Liquid Mixing Paints. <i>Chromatographia</i> , 2011 , 74, 163-169	2.1	1
58	Chemical fingerprinting and quantitative analysis of a Panax notoginseng preparation using HPLC-UV and HPLC-MS. <i>Chinese Medicine</i> , 2011 , 6, 9	4.7	29
57	Rapid simultaneous determination of major isoflavones of Pueraria lobata and discriminative analysis of its geographical origins by principal component analysis. <i>Phytochemical Analysis</i> , 2011 , 22, 503-8	3.4	20
56	Simultaneous determination of norisoboldine and its major metabolite in rat plasma by ultra-performance liquid chromatography-mass spectrometry and its application in a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2011 , 25, 367-72	1.7	11
55	Strategies for quality control of Chinese medicines. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 55, 802-9	3.5	116
54	Qualitative and quantitative characterization of chemical constituents in Xin-Ke-Shu preparations by liquid chromatography coupled with a LTQ Orbitrap mass spectrometer. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 55, 984-95	3.5	58
53	Chemical investigation of saponins in different parts of Panax notoginseng by pressurized liquid extraction and liquid chromatography-electrospray ionization-tandem mass spectrometry. <i>Molecules</i> , 2012 , 17, 5836-53	4.8	44
52	QUALITY CONTROL OF FRITILLARIA UNIBRACTEATA BY UPLC-PAD FINGERPRINT COMBINED WITH HIERARCHICAL CLUSTERING ANALYSIS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012 , 35, 2381-2395	1.3	4
51	Recent methodology in ginseng analysis. <i>Journal of Ginseng Research</i> , 2012 , 36, 119-34	5.8	60
50	Simultaneous analysis method for polar and non-polar ginsenosides in red ginseng by reversed-phase HPLC-PAD. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 60, 80-5	3.5	13
49	Target separation of a new anti-tumor saponin and metabolic profiling of leaves of Panax notoginseng by liquid chromatography with eletrospray ionization quadrupole time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 59, 67-77	3.5	38
48	Holistic quality evaluation of commercial white and red ginseng using a UPLC-QTOF-MS/MS-based metabolomics approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 62, 258-73	3.5	123
47	Identification and characterization of phenolic compounds in hydro methanolic extract of Achyranthes aspera (HMEA) by UPLC and MALDI-TOF-MS and in vivo antioxidant activity. <i>Oriental Pharmacy and Experimental Medicine</i> , 2013 , 13, 51-59	2	10
46	A novel strategy with standardized reference extract qualification and single compound quantitative evaluation for quality control of Panax notoginseng used as a functional food. <i>Journal of Chromatography A</i> , 2013 , 1313, 302-7	4.5	50
45	Advanced phytochemical analysis of herbal tea in China. <i>Journal of Chromatography A</i> , 2013 , 1313, 2-23	4.5	80
44	UHPLC: The Greening Face of Liquid Chromatography. <i>Chromatographia</i> , 2013 , 76, 1429-1437	2.1	39
43	Corona-Charged Aerosol Detection: An Analytical Approach. <i>Critical Reviews in Analytical Chemistry</i> , 2013 , 43, 64-78	5.2	45
42	Rapid chemical profiling of saponins in the flower buds of Panax notoginseng by integrating MCI gel column chromatography and liquid chromatography/mass spectrometry analysis. <i>Food Chemistry</i> , 2013 , 139, 762-9	8.5	47

41	Development and validation of a reversed-phase ultra-performance liquid chromatographic method for the simultaneous determination of six drugs used for combined hypertension therapy. <i>Journal of AOAC INTERNATIONAL</i> , 2013 , 96, 295-300	1.7	3
40	Simultaneous determination of 30 ginsenosides in Panax ginseng preparations using ultra performance liquid chromatography. <i>Journal of Ginseng Research</i> , 2013 , 37, 457-67	5.8	53
39	Brain distribution pharmacokinetics and integrated pharmacokinetics of Panax Notoginsenoside R1, Ginsenosides Rg1, Rb1, Re and Rd in rats after intranasal administration of Panax Notoginseng Saponins assessed by UPLC/MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 959, 264-71	3.2	35
38	UPLC-PDA determination of paeoniflorin in rat plasma following the oral administration of Radix Paeoniae Alba and its effects on rats with collagen-induced arthritis. <i>Experimental and Therapeutic Medicine</i> , 2014 , 7, 209-217	2.1	22
37	Ultrasound/microwave-assisted extraction and comparative analysis of bioactive/toxic indole alkaloids in different medicinal parts of Gelsemium elegans Benth by ultra-high performance liquid chromatography with MS/MS. <i>Journal of Separation Science</i> , 2014 , 37, 308-13	3.4	17
36	Qualitative and quantitative analysis of the major constituents in traditional Chinese medicine Danmu injection using LC-ESI-MS(n) and LC-DAD. <i>Pharmacognosy Magazine</i> , 2014 , 10, 254-64	0.8	8
35	Rapid characterisation and comparison of saponin profiles in the seeds of Korean Leguminous species using ultra performance liquid chromatography with photodiode array detector and electrospray ionisation/mass spectrometry (UPLC-PDA-ESI/MS) analysis. <i>Food Chemistry</i> , 2014 , 146, 270-7	8.5	34
34	Analysis of Plant Saponins. 2014 , 1-21		1
33	A multivariate analysis on the comparison of raw notoginseng (Sanqi) and its granule products by thin-layer chromatography and ultra-performance liquid chromatography. <i>Chinese Medicine</i> , 2015 , 10, 13	4.7	6
32	Analysis of the Constituents in "Zhu She Yong Xue Shuan Tong" by Ultra High Performance Liquid Chromatography with Quadrupole Time-of-Flight Mass Spectrometry Combined with Preparative High Performance Liquid Chromatography. <i>Molecules</i> , 2015 , 20, 20518-37	4.8	16
31	Proton Nuclear Magnetic Resonance Spectrometry-Based Metabolic Characterization of Panax Notoginseng Roots. <i>Analytical Letters</i> , 2015 , 48, 1341-1354	2.2	1
30	Tissue distribution and excretion study of neopanaxadiol in rats by ultra-performance liquid chromatography quadrupole time-of-flight mass spectrometry. <i>Biomedical Chromatography</i> , 2015 , 29, 333-40	1.7	2
29	A correlation model of UPLC fingerprints and anticoagulant activity for quality assessment of Panax notoginseng by hierarchical clustering analysis and multiple linear regression analysis. <i>Analytical Methods</i> , 2015 , 7, 2985-2992	3.2	5
28	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
27	Simultaneous determination of seven ginsenosides in rat plasma by high-performance liquid chromatography coupled to time-of-flight mass spectrometry: application to pharmacokinetics of Shenfu injection. <i>Biomedical Chromatography</i> , 2015 , 29, 167-75	1.7	12
26	A comparative study of using in-line near-infrared spectra, ultraviolet spectra and fused spectra to monitor Panax notoginseng adsorption process. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 102, 78-84	3.5	16
25	Exploring mechanisms of Panax notoginseng saponins in treating coronary heart disease by integrating gene interaction network and functional enrichment analysis. <i>Chinese Journal of Integrative Medicine</i> , 2016 , 22, 589-96	2.9	5
24	Ginsenoside Rb1 as a neuroprotective agent: A review. <i>Brain Research Bulletin</i> , 2016 , 125, 30-43	3.9	85

23	Robust design space development for HPLC analysis of five chemical components in Panax notoginseng saponins. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2016 , 39, 504-512	1.3	8
22	Distributive and Quantitative Analysis of the Main Active Saponins in Panax notoginseng by UHPLC-QTOF/MS Combining with Fluorescence Microscopy and Laser Microdissection. <i>Planta Medica</i> , 2016 , 82, 263-72	3.1	5
21	Development of an analytical method by defining a design space: a case study of saponin determination for Panax notoginseng extracts. <i>Analytical Methods</i> , 2016 , 8, 2282-2289	3.2	11
20	Brain Concentration of Ginsenosides and Pharmacokinetics after Oral Administration of Mountain-cultivated Ginseng. <i>Journal of the Chinese Chemical Society</i> , 2017 , 64, 395-403	1.5	6
19	Simultaneous determination of ginsenosides Rg1, Re, and Rb1 and notoginsenoside R1 by solid phase extraction followed by UHPLC-MS/MS and investigation of their concentrations in various kinds of cosmetics. <i>Analytical Methods</i> , 2017 , 9, 5441-5448	3.2	2
18	Ginseng and obesity: observations and understanding in cultured cells, animals and humans. <i>Journal of Nutritional Biochemistry</i> , 2017 , 44, 1-10	6.3	36
17	Protective Effect of Root Water Extract against Influenza A Virus Infection by Enhancing Antiviral Interferon-Mediated Immune Responses and Natural Killer Cell Activity. <i>Frontiers in Immunology</i> , 2017 , 8, 1542	8.4	24
16	Integrated metabolomic and transcriptomic analyses revealed the distribution of saponins in. <i>Acta Pharmaceutica Sinica B</i> , 2018 , 8, 458-465	15.5	25
15	Functional characterization of naturally occurring wild soybean mutant (sg-5) lacking astringent saponins using whole genome sequencing approach. <i>Plant Science</i> , 2018 , 267, 148-156	5.3	10
14	Effects of processing method on the pharmacokinetics and tissue distribution of orally administered ginseng. <i>Journal of Ginseng Research</i> , 2018 , 42, 27-34	5.8	18
13	UPLC-QTOF/MS-based phenolic profiling of Melastomaceae, their antioxidant activity and cytotoxic effects against human breast cancer cell MDA-MB-231. <i>Food Chemistry</i> , 2018 , 265, 253-259	8.5	14
12	Dose-dependent exposure profile and metabolic characterization of notoginsenoside R in rat plasma by ultra-fast liquid chromatography-electrospray ionization-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2019 , 33, e4670	1.7	4
11	Extracts of <i>Hypsizygus tessellatus</i> (white var.) caps inhibited MCF-7 and MDA-MB-231 cell lines proliferation. <i>Journal of Food Measurement and Characterization</i> , 2019 , 13, 368-382	2.8	5
10	Screening and evaluation of adventitious root lines of Panax notoginseng by morphology, gene expression, and metabolite profiles. <i>Applied Microbiology and Biotechnology</i> , 2019 , 103, 4405-4415	5.7	7
9	Analysis of Plant Saponins. 2019 , 1-29		
8	Notoginsenoside R1 promotes MC3T3-E1 differentiation by up-regulating miR-23a via MAPK and JAK1/STAT3 pathways. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019 , 47, 603-609	6.1	8
7	Retention behavior of ginsenosides in a sulfo-based high performance liquid chromatography column. <i>Journal of Chromatography A</i> , 2020 , 1610, 460542	4.5	4
6	Multivariate quantitative analysis of quality trend based on non-volatile characteristic components in different Panax notoginseng samples using HPLC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 182, 113127	3.5	8

5	Phytochemical analysis of species: a review. <i>Journal of Ginseng Research</i> , 2021 , 45, 1-21	5.8	20
4	Pharmacoinformatics and UPLC-QTOF/ESI-MS-Based Phytochemical Screening of against Oxidative Stress and Alloxan-Induced Diabetes in Long-Evans Rats. <i>Molecules</i> , 2021 , 26,	4.8	2
3	Flow injection mass spectroscopic fingerprinting and multivariate analysis for differentiation of three Panax species. <i>Journal of AOAC INTERNATIONAL</i> , 2011 , 94, 90-9	1.7	12
2	Ginsenoside Rd: A promising natural neuroprotective agent.. <i>Phytomedicine</i> , 2021 , 95, 153883	6.5	7
1	Engineering of triterpene metabolism and overexpression of the lignin biosynthesis gene PAL promotes ginsenoside Rg 3 accumulation in ginseng plant chassis. <i>Journal of Integrative Plant Biology</i> ,	8.3	1