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Advantages of application of UPLC in pharmaceutical analysis

DOI: 10.1016/j.talanta.2005.06.035  
Talanta, 2006, 68, 908-18.

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**Version:** 2024-04-28

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360	The importance of hyphenated techniques in the discovery of new lead compounds from nature. <b>2006</b> , 1, 237-60		44
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205	Simultaneous determination of 30 ginsenosides in <i>Panax ginseng</i> preparations using ultra performance liquid chromatography. <b>2013</b> , 37, 457-67		53
204	Chemometric analysis for identification of botanical raw materials for pharmaceutical use: a case study using <i>Panax notoginseng</i> . <b>2014</b> , 9, e87462		32
203	Validation of a thin-layer chromatography for the determination of hydrocortisone acetate and lidocaine in a pharmaceutical preparation. <b>2014</b> , 2014, 107879		6
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200	In vitro stability of low-concentration ziconotide alone or in admixtures in intrathecal pumps. <b>2014</b> , 17, 472-82; discussion 482		15

199	Determination of Tyrosine and Its Metabolites in Human Serum with Application to Cancer Diagnosis. <b>2014</b> , 47, 1275-1289		10
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197	Rapid, sensitive, and validated UPLC/Q-TOF-MS method for quantitative determination of vasicine in <i>Adhatoda vasica</i> and its in vitro culture. <b>2014</b> , 10, S198-205		10
196	Screening for in vitro metabolites of kakkalide and irisolidone in human and rat intestinal bacteria by ultra-high performance liquid chromatography/quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2014</b> , 975-984	3.2	8
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189	Rapid quantification of tobramycin and vancomycin by UPLC-TQD and application to osteomyelitis patient samples. <i>Journal of Chromatographic Science</i> , <b>2014</b> , 52, 501-7	1.4	19
188	Limiting degradation of reactive antibody drug conjugate intermediates in HPLC method development. <b>2014</b> , 92, 114-8		8
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186	UPLC Method for Determination of Moxonidine and Its Degradation Products in Active Pharmaceutical Ingredient and Pharmaceutical Dosage Form. <b>2014</b> , 77, 109-118		9
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183	Determination of Gingerols in Ginger by Ultra-High Performance Liquid Chromatography-Tandem Mass Spectrometry. <b>2014</b> , 47, 2120-2128		11
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181	Simultaneous multi-residue pesticide analysis in soil samples with ultra-high-performance liquid chromatography-tandem mass spectrometry using QuEChERS and pressurised liquid extraction methods. <b>2014</b> , 94, 1085-1099		16
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179	Mass Spectral Detection. <b>2014</b> , 1643-1656		
178	The future of UHPLC: Towards higher pressure and/or smaller particles?. <b>2014</b> , 63, 65-75		47
177	Sub-2 $\mu$ m fully porous and partially porous (core-shell) stationary phases for reversed phase liquid chromatography. <b>2014</b> , 4, 22875-22887		19
176	Artificial neural networks modeling in ultra performance liquid chromatography method optimization of mycophenolate mofetil and its degradation products. <b>2014</b> , 28, 567-574		4
175	UPLC-MS profiling of low molecular weight phlorotannin polymers in <i>Ascophyllum nodosum</i> , <i>Pelvetia canaliculata</i> and <i>Fucus spiralis</i> . <b>2014</b> , 10, 524-535		46
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173	Development and validation of a systematic UPLC-MS/MS method for simultaneous determination of three phenol impurities in ritonavir. <b>2014</b> , 90, 127-33		18
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161	Simultaneous quantitation of chloroquine and primaquine by UPLC-DAD and comparison with a HPLC-DAD method. <b>2015</b> , 14, 29		17
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154	Chiral recognition of abacavir enantiomers by (2-hydroxy)propyl- $\beta$ -cyclodextrin: UHPLC, NMR and DFT studies. <b>2015</b> , 82, 373-382		9
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151	Omics Technologies. <b>2015</b> , 25-39		0
150	Simultaneous Measurement of Cyclosporine A, Everolimus, Sirolimus and Tacrolimus Concentrations in Human Blood by UPLC-MS/MS. <b>2015</b> , 78, 1459-1474		18
149	Simultaneous determination of 2 aconitum alkaloids and 12 ginsenosides in Shenfu injection by ultraperformance liquid chromatography coupled with a photodiode array detector with few markers to determine multicomponents. <b>2015</b> , 23, 267-278		7
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145	Antioxidant and cytoprotective properties of partridgeberry polyphenols. <b>2015</b> , 168, 595-605		31
144	Rapid determination of canagliflozin in rat plasma by UHPLC-MS/MS using negative ionization mode to avoid adduct-ions formation. <i>Talanta</i> , <b>2015</b> , 132, 29-36	6.2	36
143	Silica, hybrid silica, hydride silica and non-silica stationary phases for liquid chromatography. <i>Journal of Chromatographic Science</i> , <b>2015</b> , 53, 580-97	1.4	28
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138	The spectrum-effect relationship-a rational approach to screening effective compounds, reflecting the internal quality of Chinese herbal medicine. <b>2016</b> , 14, 177-84		35
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136	A Review of Analytical Methods for the Determination of Nateglinide in Pharmaceuticals and Biological Samples. <b>2016</b> , 49, 854-867		4
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132	Analytical methods for determination of terbinafine hydrochloride in pharmaceuticals and biological materials. <b>2016</b> , 6, 137-149		6
131	Challenges of glycosylation analysis and control: an integrated approach to producing optimal and consistent therapeutic drugs. <b>2016</b> , 21, 740-65		128
130	Development and validation of an UHPLC method for the determination of betamethasone valerate in cream, gel, ointment and lotion. <b>2016</b> , 106, 70-7		2
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128	A Validated UPLC-MS-MS Assay for the Rapid Determination of Lorcaserin in Plasma and Brain Tissue Samples. <b>2016</b> , 40, 133-9		6

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124	Comparing the selectivity and chiral separation of d- and l- fluorenylmethyloxycarbonyl chloride protected amino acids in analytical high performance liquid chromatography and supercritical fluid chromatography; evaluating throughput, economic and environmental impact. <i>Journal of Chromatography A</i> , <b>2017</b> , 1493, 10-18	4.5	9
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119	Procedures of determining organic trace compounds in municipal sewage sludge-a review. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 4383-4412	5.1	16
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104	Comparison between core-shell and totally porous particle stationary phases for fast and green LC determination of five hepatitis-C antiviral drugs. <b>2018</b> , 41, 1734-1742		12
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100	Use of Red Beet ( <i>Beta vulgaris</i> L.) for Antimicrobial Applications: Critical Review. <b>2018</b> , 11, 17-42		20
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84	Determination of epoxide impurity in sarpogrelate hydrochloride intermediate by UHPLC and column-switching liquid chromatography. <b>2019</b> , 174, 57-62		3
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80	Olopatadine hydrochloride loaded Kollidon <sup>®</sup> SR nanoparticles for ocular delivery: Nanosuspension formulation and in vitro <sup>®</sup> vivo evaluation. <b>2019</b> , 51, 506-512		10
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