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Development of an assay for the simultaneous determination of sildenafil (Viagra) and its metabolite (UK-103,320) using automated sequential trace enrichment of dialysates and high-performance liquid chrom

DOI: 10.1016/s0378-4347(97)00339-3
Biomedical Applications, 1997, 701, 87-95.

Source: <https://exaly.com/paper-pdf/28707278/citation-report.pdf>

Version: 2024-04-26

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#	Paper	IF	Citations
85	Interaction of sildenafil and indinavir when co-administered to HIV-positive patients. <i>Aids</i> , 1999 , 13, F101-7	5.7	74
84	Determination of eletriptan in plasma and saliva using automated sequential trace enrichment of dialysate and high-performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1999 , 21, 787-96	3.5	17
83	Membrane-based sample preparation coupled on-line to chromatography or electrophoresis. <i>Journal of Chromatography A</i> , 1999 , 856, 55-82	4.5	95
82	Effects of sildenafil citrate on human hemodynamics. <i>American Journal of Cardiology</i> , 1999 , 83, 13C-20C	3	280
81	Sildenafil citrate and blood-pressure-lowering drugs: results of drug interaction studies with an organic nitrate and a calcium antagonist. <i>American Journal of Cardiology</i> , 1999 , 83, 21C-28C	3	222
80	Sildenafil Citrate, a Selective Phosphodiesterase Type 5 Inhibitor:. <i>Trends in Endocrinology and Metabolism</i> , 1999 , 10, 97-104	8.8	91
79	Pharmacotherapeutic advances in the treatment of erectile dysfunction. <i>Mayo Clinic Proceedings</i> , 1999 , 74, 709-21	6.4	43
78	REVERSED-PHASE HPLC DETERMINATION OF SILDENAFIL CITRATE IN THE PRESENCE OF ITS OXIDATIVE-INDUCED DEGRADATION PRODUCTS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2000 , 23, 1377-1386	1.3	14
77	Determination of albendazole and its main metabolites in ovine plasma by liquid chromatography with dialysis as an integrated sample preparation technique. <i>Journal of Chromatography A</i> , 2000 , 870, 121-34	4.5	29
76	Voltammetric behavior of sildenafil citrate (Viagra) using square wave and adsorptive stripping square wave techniques: Determination in pharmaceutical products. <i>Analytica Chimica Acta</i> , 2000 , 417, 143-148	6.6	44
75	Pharmacokinetic interactions between sildenafil and saquinavir/ritonavir. <i>British Journal of Clinical Pharmacology</i> , 2000 , 50, 99-107	3.8	137
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72	Determination of sildenafil citrate in plasma by high-performance liquid chromatography and a case for the potential interaction of grapefruit juice with sildenafil citrate. <i>Therapeutic Drug Monitoring</i> , 2001 , 23, 21-6	3.2	38
71	Hair analysis for pharmaceutical drugs. II. Effective extraction and determination of sildenafil (Viagra) and its N-desmethyl metabolite in rat and human hair by GC-MS. <i>Biological and Pharmaceutical Bulletin</i> , 2001 , 24, 1384-8	2.3	32
70	[Identification system for Sildenafil in health foods]. <i>Yakugaku Zasshi</i> , 2001 , 121, 765-9	0	30
69	Liquid chromatographic analysis of local anesthetics in human plasma after sample preparation by on-line dialysis. Optimization by use of experimental design. <i>Chromatographia</i> , 2001 , 53, 678-686	2.1	7

68	Narrowbore high-performance liquid chromatography for the simultaneous determination of sildenafil and its metabolite UK-103,320 in human plasma using column switching. <i>Biomedical Applications</i> , 2001 , 752, 141-7		28
67	Determination of transdermal sildenafil in nude mouse skin by reversed-phase high-performance liquid chromatography. <i>Biomedical Applications</i> , 2001 , 765, 161-6		20
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65	Determination of sildenafil citrate and related substances in the commercial products and tablet dosage form using HPLC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001 , 25, 483-92	3.5	62
64	Micellar electrokinetic capillary chromatography for the determination of Viagra and its metabolite (UK-103,320) in human serum. <i>Electrophoresis</i> , 2001 , 22, 2004-9	3.6	13
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52	Simultaneous assay of sildenafil and desmethylsildenafil in human plasma using liquid chromatography-tandem mass spectrometry on silica column with aqueous-organic mobile phase. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002 , 768, 277-84	3.2	66
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38	Development of a Liquid Chromatographic Method for the Determination of Sildenafil in Seminal Plasma. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2004 , 27, 3039-3050	1.3	2
37	Synergistic effects of ANP and sildenafil on cGMP levels and amelioration of acute hypoxic pulmonary hypertension. <i>Experimental Biology and Medicine</i> , 2004 , 229, 920-5	3.7	36
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3	LC Automation??Change History: May 2014. DA Wells updated website URL links and updated manufacturer name changes Varian was acquired by Agilent; MicroLiter Analytical, Inc., was sold and the sample preparation group was spun off as ITSP Solutions, Inc.; Merck KGaA acquired Millipore to become EMD Millipore. The source of the BioTrap 500 LC column was updated to Chem-Tron USA. 2014,		
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