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Determination of sildenafil, vardenafil and aildenafil in human plasma by dispersive liquid-liquid microextraction-back extraction based on ionic liquid and high performance liquid chromatography-ultraviolet detection

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#	Paper	IF	Citations
22	Chromatographic analysis of some drugs employed in erectile dysfunction therapy: qualitative and quantitative studies using calixarene stationary phase. <i>Journal of Separation Science</i> , 2014 , 37, 2814-24	3.4	9
21	Optimization of ultrasound-assisted dispersive liquid-liquid microextraction for ultra performance liquid chromatography determination of benzodiazepines in urine and hospital wastewater. <i>Analytical Methods</i> , 2014 , 6, 8239-8246	3.2	21
20	Biological sample preparation: attempts on productivity increasing in bioanalysis. <i>Bioanalysis</i> , 2014 , 6, 1691-710	2.1	30
19	Sensitive and precise HPLC method with back-extraction clean-up step for the determination of sildenafil in rat plasma and its application to a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2015 , 29, 1559-66	1.7	10
18	Dispersive liquid-liquid microextraction: trends in the analysis of biological samples. <i>Bioanalysis</i> , 2015 , 7, 2211-25	2.1	27
17	Reversed-phase vortex-assisted liquid-liquid microextraction: a new sample preparation method for the determination of amygdalin in oil and kernel samples. <i>Journal of Separation Science</i> , 2015 , 38, 663-9	3.4	28
16	Direct ionic liquid extractant injection for volatile chemical analysis by gas chromatography sampling technique. <i>Green Chemistry</i> , 2015 , 17, 573-581	1.0	10
15	Rapid determination of sildenafil and its analogues in dietary supplements using gas chromatography-triple quadrupole mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 121, 188-196	3.5	23
14	Solid-phase extraction assisted dispersive liquid-liquid microextraction based on solidification of floating organic droplet to determine sildenafil and its analogues in dietary supplements. <i>Journal of Separation Science</i> , 2017 , 40, 3120-3129	3.4	5
13	Novel synthesis of nanocomposite for the extraction of Sildenafil Citrate (Viagra) from water and urine samples: Process screening and optimization. <i>Ultrasonics Sonochemistry</i> , 2017 , 38, 463-472	8.9	76
12	Determination of synthetic phosphodiesterase-5 inhibitors by LC-MS in waters and human urine submitted to dispersive liquid-liquid microextraction. <i>Talanta</i> , 2017 , 174, 638-644	6.2	14
11	Ten years of dispersive liquid-liquid microextraction and derived techniques. <i>Applied Spectroscopy Reviews</i> , 2017 , 52, 267-415	4.5	67
10	Green approaches in sample preparation of bioanalytical samples prior to chromatographic analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1043, 44-62	3.2	82
9	A sensitive and selective analytical method for the simultaneous determination of sildenafil and tadalafil in water, energy drinks and sewage sludge matrices by LC-QTOF-MS/MS. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018 , 124, 64-71	4.6	3
8	Extraction With Ionic Liquids-Organic Compounds. 2020 , 499-537		5
7	Biomedical Applications. 2020 , 683-723		2
6	Pencil Graphite Electrode Decorated with Xylenol Orange Flakes for Studying Possible Pharmacokinetic Interaction Between Vardenafil and Daclatasvir. <i>Electroanalysis</i> , 2020 , 32, 635-647	3	9

5	The Influence of Ionic Liquids on the Effectiveness of Analytical Methods Used in the Monitoring of Human and Veterinary Pharmaceuticals in Biological and Environmental Samples-Trends and Perspectives. <i>Molecules</i> , 2020 , 25,	4.8	7
4	Novel synthesized attapulgite nanoparticles-based hydrophobic monolithic column for in-tube solid-phase microextraction of thiosildenafil, pseudovardenafil, and norneosildenafil in functional foods. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 1871-1882	4.4	4
3	Sildenafil 4.0-Integrated Synthetic Chemistry, Formulation and Analytical Strategies Effecting Immense Therapeutic and Societal Impact in the Fourth Industrial Era. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	5
2	Analysis of herbicide mixtures in environmental samples with emulsification liquid-liquid microextraction using fatty acids deep eutectic solvents. <i>International Journal of Environmental Analytical Chemistry</i> , 1-20	1.8	0
1	A Comprehensive Review on Analytical Techniques for Determination of Sex Stimulants, PDE5 Inhibitors in Different Matrices with Special Focus on the Electroanalytical Methods. 1-30		0