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Extractive spectrophotometric methods for the assay of sildenafil citrate (Viagra) in pure form and in pharmaceutical formulations

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#	Paper	IF	Citations
45	Pharmaceutical and related drugs. <i>Analytical Chemistry</i> , <b>2003</b> , 75, 2907-18	7.8	13
44	Electrochemical oxidation of sildenafil citrate (Viagra) on carbon electrodes. <i>Analytica Chimica Acta</i> , <b>2004</b> , 501, 227-233	6.6	68
43	Polymer membrane sensors for sildenafil citrate (Viagra) determination in pharmaceutical preparations. <i>Analytica Chimica Acta</i> , <b>2004</b> , 515, 303-309	6.6	33
42	Extractive spectrophotometric methods for the determination of oxomemazine hydrochloride in bulk and pharmaceutical formulations using bromocresol green, bromocresol purple and bromophenol blue. <i>Archiv Der Pharmazie</i> , <b>2005</b> , 338, 190-7	4.3	13
41	Spectrophotometric Methods for the Determination of the Antidepressant Drug Paroxetine Hydrochloride in Tablets. <i>Journal of AOAC INTERNATIONAL</i> , <b>2005</b> , 88, 490-495	1.7	31
40	Validation of a Reversed-Phase HPLC Method for the Analysis of Sildenafil Citrate in Pharmaceutical Preparations and in Spiked Human Plasma. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2005</b> , 28, 1539-1548	1.3	5
39	Resonance Rayleigh-scattering method for the determination of sildenafil citrate in a pharmaceutical formulation using Evans blue. <i>Analytical Sciences</i> , <b>2006</b> , 22, 819-23	1.7	20
38	Solid phase extraction and liquid chromatographic determination of sildenafil and N-demethylsildenafil in rat serum with basic mobile phase. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2006</b> , 40, 952-7	3.5	19
37	Continuous potentiometric monitoring of viagra (sildenafil) in pharmaceutical preparations using novel membrane sensors. <i>Journal of Applied Electrochemistry</i> , <b>2006</b> , 36, 139-146	2.6	20
36	Extractive Spectrophotometric Determination of Fluconazole by Ion-pair Complex Formation with Bromocresol Green. <i>Chinese Journal of Chemistry</i> , <b>2007</b> , 25, 1300-1303	4.9	
35	Detection of counterfeit Viagra with Raman spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2008</b> , 46, 303-9	3.5	92
34	Simultaneous determination of trace amounts of vanadium and molybdenum in water and foodstuff samples using adsorptive cathodic stripping voltammetry. <i>International Journal of Food Science and Technology</i> , <b>2008</b> , 43, 416-422	3.8	19
33	Bicyclic 5-6 Systems: Other Four Heteroatoms 2:2. <b>2008</b> , 599-659		4
32	The usefulness of 2D DOSY and 3D DOSY-COSY 1H NMR for mixture analysis: application to genuine and fake formulations of sildenafil (Viagra). <i>Magnetic Resonance in Chemistry</i> , <b>2009</b> , 47 Suppl 1, S163-73	2.1	32
31	New extractive spectrophotometric methods for the determination of nortriptyline hydrochloride in pure form and pharmaceutical dosages. <i>Journal of Analytical Chemistry</i> , <b>2009</b> , 64, 462-466	1.1	5
30	Poly(aniline) solid contact ion selective electrode for udenafil. <i>Journal of Analytical Chemistry</i> , <b>2010</b> , 65, 1035-1040	1.1	1
29	Voltammetric method for the determination of sildenafil citrate (Viagra) in pure form and in pharmaceutical formulations. <i>Bioelectrochemistry</i> , <b>2010</b> , 78, 113-7	5.6	28

28	Diamond paste-based electrodes for the determination of sildenafil citrate (Viagra). <i>Journal of Solid State Electrochemistry</i> , <b>2010</b> , 14, 997-1000	2.6	12
27	Letter to the Editor. <i>Molecular Biotechnology</i> , <b>2010</b> , 46, 92-93	3	
26	Spectrophotometric determination of sildenafil citrate in pure form and in pharmaceutical formulation using some chromotropic acid azo dyes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2010</b> , 75, 1297-303	4.4	18
25	Sensitive surfactant-mediated spectrofluorimetric determination of sildenafil. <i>Analytical Methods</i> , <b>2010</b> , 2, 519	3.2	11
24	Differential Pulse Voltammetric Determination of Sildenafil Citrate (Viagra <sup>®</sup> ) in Pharmaceutical Formulations Using a Boron-Doped Diamond Electrode. <i>Analytical Letters</i> , <b>2010</b> , 43, 1046-1054	2.2	37
23	Amperometric dot-sensors based on zinc porphyrins for sildenafil citrate determination. <i>Electrochimica Acta</i> , <b>2011</b> , 58, 290-295	6.7	11
22	Electroanalytical determination of sildenafil in Viagra tablets using screen-printed and conventional carbon paste electrodes. <i>Journal of Electroanalytical Chemistry</i> , <b>2011</b> , 659, 121-127	4.1	7
21	Strategically functionalized carbon nanotubes as the ultrasensitive electrochemical probe for picomolar detection of sildenafil citrate (Viagra). <i>Biosensors and Bioelectronics</i> , <b>2011</b> , 26, 3018-22	11.8	4
20	Mini Review: Determination of Sildenafil Citrate in Pharmaceutical Preparations. <i>Analytical Letters</i> , <b>2011</b> , 44, 2085-2093	2.2	4
19	Development of enzyme-linked immunosorbent assay for rapid determination of sildenafil in adulterated functional foods. <i>Food and Agricultural Immunology</i> , <b>2012</b> , 23, 338-351	2.9	11
18	Dissociation Enthalpies and Thermodynamic Constants of Sildenafil Citrate by the Regression of Multiwavelength pH-spectrophotometric Titration Data. <i>Journal of Solution Chemistry</i> , <b>2012</b> , 41, 2123-2137	1.8	13
17	Automated flow system for sildenafil enrichment using surfactant coated solid-phase with fluorescence detection. <i>Talanta</i> , <b>2012</b> , 98, 247-52	6.2	1
16	A nanohybrid system for taste masking of sildenafil. <i>International Journal of Nanomedicine</i> , <b>2012</b> , 7, 1635-49	7.9	20
15	A new methodology for detection of counterfeit Viagra <sup>®</sup> and Cialis <sup>®</sup> tablets by image processing and statistical analysis. <i>Forensic Science International</i> , <b>2012</b> , 216, 92-6	2.6	29
14	Bismuth film electrode for stripping voltammetric measurement of sildenafil citrate. <i>Electrochimica Acta</i> , <b>2012</b> , 60, 274-277	6.7	32
13	Profiling counterfeit Cialis, Viagra and analogs by UPLC-MS. <i>Forensic Science International</i> , <b>2013</b> , 229, 13-20	2.6	23
12	Determination of sildenafil by preconcentration on surfactant coated polymeric resin followed by spectrofluorimetry. <i>Journal of Pharmaceutical Analysis</i> , <b>2013</b> , 3, 173-179	14	8
11	Disposable potentiometric citrate sensor based on polypyrrole-doped films for indirect determination of sildenafil in pharmaceuticals formulations. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133,	2.9	6

10	Novel synthesis of nanocomposite for the extraction of Sildenafil Citrate (Viagra) from water and urine samples: Process screening and optimization. <i>Ultrasonics Sonochemistry</i> , <b>2017</b> , 38, 463-472	8.9	76
9	Development and validation of alternative methods by non-aqueous acid-base titration and derivative ultraviolet spectrophotometry for quantification of sildenafil in raw material and tablets. <i>Brazilian Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 53,	1.8	4
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7	A new magnetic nanodiamond/graphene oxide hybrid (FeO@ND@GO) material for pre-concentration and sensitive determination of sildenafil in alleged herbal aphrodisiacs by HPLC-DAD system. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1084, 113-121	3.2	42
6	Rapid and Quantitative Determination of Sildenafil in Cocktail Based on Surface Enhanced Raman Spectroscopy. <i>Molecules</i> , <b>2019</b> , 24,	4.8	5
5	Molecularly imprinted sol-gel electrochemical sensor for sildenafil based on a pencil graphite electrode modified by Preyssler heteropolyacid/gold nanoparticles/MWCNT nanocomposite. <i>Mikrochimica Acta</i> , <b>2020</b> , 187, 512	5.8	10
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3	Application of narrow-bore HPLC columns in rapid determination of sildenafil citrate in its pharmaceutical dosage forms. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2012</b> , 11, 123-7	1.1	1
2	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
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