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Spectrophotometric determination of sildenafil citrate in pure form and in pharmaceutical formulation using some chromotropic acid azo dyes

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Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 75, 1297-303.

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#	Paper	IF	Citations
22	Letter to the Editor. <i>Molecular Biotechnology</i> , <b>2010</b> , 46, 92-93	3	
21	Spectrophotometric determination of diphenhydramine hydrochloride in pharmaceutical preparations and biological fluids via ion-pair formation. <i>Arabian Journal of Chemistry</i> , <b>2010</b> , 3, 265-270	5.9	22
20	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
19	Mini Review: Determination of Sildenafil Citrate in Pharmaceutical Preparations. <i>Analytical Letters</i> , <b>2011</b> , 44, 2085-2093	2.2	4
18	REVERSED-PHASE SEQUENTIAL INJECTION LIQUID CHROMATOGRAPHIC METHOD FOR SILDENAFIL ASSAY. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2011</b> , 34, 2256-2270	1.3	10
17	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	
16	Complex formation, thermal behavior and stability competition between Cu(II) ion and Cu(0) nanoparticles with some new azo dyes. Antioxidant and in vitro cytotoxic activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2013</b> , 107, 359-70	4.4	19
15	Characterization of sildenafil citrate tablets of different sources by near infrared chemical imaging and chemometric tools. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2013</b> , 85, 207-12	3.5	19
14	Chromatographic analysis of some drugs employed in erectile dysfunction therapy: qualitative and quantitative studies using calixarene stationary phase. <i>Journal of Separation Science</i> , <b>2014</b> , 37, 2814-24	3.4	9
13	Spectrophotometric determination of palladium using 2-hydraziniopyridine. <i>European Journal of Chemistry</i> , <b>2014</b> , 5, 150-154	0.6	1
12	Influence of chemical structure of dyes on capacitive dye removal from solutions. <i>Electrochimica Acta</i> , <b>2015</b> , 174, 588-595	6.7	30
11	A novel citrate selective electrode based on surfactant modified nano-clinoptilolite. <i>Food Chemistry</i> , <b>2015</b> , 172, 794-801	8.5	35
10	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
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
8	Synthesis, structural characterization and molecular modelling of bidentate azo dye metal complexes: DNA interaction to antimicrobial and anticancer activities. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4136	3.1	34
7	Screen-printed sensor for determination of sildenafil citrate in pharmaceutical preparations and biological samples. <i>Microchemical Journal</i> , <b>2019</b> , 149, 104065	4.8	5
6	Sildenafil 4.0-Integrated Synthetic Chemistry, Formulation and Analytical Strategies Effecting Immense Therapeutic and Societal Impact in the Fourth Industrial Era. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	5

5	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
4	Characterization, theoretical computation, DNA-binding, molecular docking, antibacterial and antioxidant activities of new metal complexes of (E)-1-((1H-1,2,4-triazol-3-yl)diazenyl)naphthalen-2-ol.. <i>Applied Organometallic Chemistry</i> ,	3.1	0
3	Ag(I), In (III) and Sn (II) chelates of azo mesalamine drug: Characterization, DFT studies, Molecular docking and biological evaluation.		0
2	Two Versatile Pencil Graphite Polymer Sensor Electrodes Coupled with Potentiometry and Potentiometric Titration Methods: Profiling Determinations of Vitamin V in Tablets and Urine Samples. <b>2022</b> , 22, 9128		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