

CITATION REPORT

List of articles citing

Studies on sildenafil citrate (Viagra) interaction with DNA using electrochemical DNA biosensor

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Biosensors and Bioelectronics, 2007, 22, 2471-7.

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#	Paper	IF	Citations
22	DNA hybridization and phosphinothricin acetyltransferase gene sequence detection based on zirconia/nanogold film modified electrode. <i>Applied Surface Science</i> , 2008 , 254, 4750-4756	6.7	37
21	Interaction between promethazine hydrochloride and DNA and its application in electrochemical detection of DNA hybridization. <i>Electrochimica Acta</i> , 2008 , 53, 7338-7343	6.7	14
20	Electrochemical studies of DNA immobilization onto the azide-terminated monolayers and its interaction with taxol. <i>Analytical Biochemistry</i> , 2008 , 375, 331-8	3.1	36
19	A PDDA/poly(2,6-pyridinedicarboxylic acid)-CNTs composite film DNA electrochemical sensor and its application for the detection of specific sequences related to PAT gene and NOS gene. <i>Talanta</i> , 2008 , 75, 987-94	6.2	52
18	ELECTROCHEMICAL DNA SENSOR TECHNOLOGY FOR MONITORING OF DRUG-DNA INTERACTIONS. <i>Nano</i> , 2008 , 03, 229-232	1.1	5
17	Anticancer drug-DNA interactions measured using a photoinduced electron-transfer mechanism based on luminescent quantum dots. <i>Analytical Chemistry</i> , 2009 , 81, 362-8	7.8	102
16	Highly sensitive electrochemiluminescence displacement method for the study of DNA/small molecule binding interactions. <i>Analytica Chimica Acta</i> , 2010 , 676, 41-5	6.6	15
15	Electrochemical detection of DNA hybridization based on bismuth oxide nanoparticles/chitosan-modified electrodes with methylene blue as an electrochemical indicator. 2010 ,		2
14	Strategically functionalized carbon nanotubes as the ultrasensitive electrochemical probe for picomolar detection of sildenafil citrate (Viagra). <i>Biosensors and Bioelectronics</i> , 2011 , 26, 3018-22	11.8	4
13	A label-free method for studying DNA sequence recognition of mitoxantrone based on resonance light-scattering technique. <i>Journal of Antibiotics</i> , 2012 , 65, 517-22	3.7	1
12	Electrochemical behavior of gatifloxacin at multi-walled carbon nanotube paste electrode and its interaction with DNA. <i>Reviews in Analytical Chemistry</i> , 2012 , 31,	2.3	25
11	Electrochemical investigation on the interaction of diclofenac with DNA and its application to the construction of a graphene-based biosensor. <i>Journal of Solid State Electrochemistry</i> , 2012 , 16, 3817-3823	2.6	14
10	Bismuth film electrode for stripping voltammetric measurement of sildenafil citrate. <i>Electrochimica Acta</i> , 2012 , 60, 274-277	6.7	32
9	DNA-functionalized electrochemical biosensor for detection of vitamin B1 using electrochemically treated multiwalled carbon nanotube paste electrode by voltammetric methods. <i>Sensors and Actuators B: Chemical</i> , 2013 , 177, 807-812	8.5	42
8	Interaction of anticancer drug methotrexate with DNA analyzed by electrochemical and spectroscopic methods. <i>Biosensors and Bioelectronics</i> , 2013 , 44, 21-6	11.8	102
7	DNA nanostructures based biosensor for the determination of aromatic compounds. <i>Biosensors and Bioelectronics</i> , 2015 , 72, 191-6	11.8	5
6	Advances in electrochemical DNA biosensors and their interaction mechanism with pharmaceuticals. <i>Journal of Electroanalytical Chemistry</i> , 2016 , 775, 8-26	4.1	37

5	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
4	Electrochemical Investigation of Heterogeneous Affinity Behaviour of Methylene Blue and G-quadruplex. <i>Electroanalysis</i> , 2021 , 33, 129-135	3	2
3	Electrochemical Detection of Linagliptin and its Interaction with DNA. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2021 , 18, 645-651	1.1	2
2	Investigation of MetronidazoleDNA Interactions by Using Electrochemical and Spectroscopic Techniques. 2022 , 58, 704-715		
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