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Electrochemical detection of dopamine in the presence of ascorbic acid using graphene modified electrodes

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619	Highly sensitive electrocatalytic biosensing of hypoxanthine based on functionalization of graphene sheets with water-soluble conducting graft copolymer. <i>Biosensors and Bioelectronics</i> , <b>2010</b> , 26, 371-6	11.8	96
618	Enhanced sensing of ascorbic acid, dopamine and serotonin at solid carbon paste electrode with a nonionic polymer film. <b>2010</b> , 83, 190-6		16
617	Organic photovoltaic devices using highly flexible reduced graphene oxide films as transparent electrodes. <b>2010</b> , 4, 5263-8		514
616	Graphene electrochemistry: an overview of potential applications. <b>2010</b> , 135, 2768-78		438
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613	Nanotechnology to Improve Electrochemical Bio-sensing. <b>2011</b> , 127-149		
612	One-step electrochemical deposition of a graphene-ZrO <sub>2</sub> nanocomposite: Preparation, characterization and application for detection of organophosphorus agents. <b>2011</b> , 21, 8032		150
611	Graphene electrochemistry: fabricating amperometric biosensors. <b>2011</b> , 136, 2084-9		54
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268	Selective detection of dopamine and ascorbic acid at purified carbon nanotubes/Tween-20 modified carbon paste electrode. <b>2017</b> , 4, 11991-11998	3
267	Simple flame etching of pencil electrode for dopamine oxidation in presence of ascorbic acid and uric acid. <b>2017</b> , 14, 739	4
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265	Silver Nanoparticle Modified Electrode Covered by Graphene Oxide for the Enhanced Electrochemical Detection of Dopamine. <b>2017</b> , 17,	40
264	Graphene Oxide Modified Electrodes for Dopamine Sensing. <b>2017</b> , 2017, 1-11	12
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262	Electrochemical Determination of Dopamine Using a Poly(3,4-Ethylenedioxythiophene)-Reduced Graphene Oxide-Modified Glassy Carbon Electrode. <b>2018</b> , 51, 1666-1679	19
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260	One-step reduced/quinone functionalized graphene oxide as reagentless lactate biosensing platform. <b>2018</b> , 267, 533-541	9
259	Graphene oxide encapsulated in alginate beads for enhanced sorption of uranium from different aquatic environments. <b>2018</b> , 6, 1625-1633	24
258	Optical Monitoring of Electrochemical Processes With ITO-Based Lossy-Mode Resonance Optical Fiber Sensor Applied as an Electrode. <b>2018</b> , 36, 954-960	33
257	A novel fabrication of sensor using ZnO-Al <sub>2</sub> O <sub>3</sub> ceramic nanofibers to simultaneously detect catechol and hydroquinone. <b>2018</b> , 812, 122-131	43
256	An electrochemical sensor for sensitive detection of dopamine based on MWCNTs/CeO <sub>2</sub> -PEDOT composite. <b>2018</b> , 813, 134-142	36
255	Nanostructured Electrochemical Biosensors for Label-Free Detection of Water- and Food-Borne Pathogens. <b>2018</b> , 10, 6055-6072	76
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173	A review on graphene-based nanocomposites for electrochemical and fluorescent biosensors.. <b>2019</b> , 9, 8778-8881		342

172	Electrochemical Sensing of Dopamine Using Onion-like Carbons and Their Carbon Nanofiber Composites. <b>2019</b> , 10, 381-391		13
171	Synthesis of reduced graphene oxide/Co <sub>3</sub> O <sub>4</sub> nanocomposite electrode material for sensor application. <b>2019</b> , 45, 3033-3051		6
170	Ultrasound-assisted synthesis of MnS (alabandite) nanoparticles decorated reduced graphene oxide hybrids: Enhanced electrocatalyst for electrochemical detection of Parkinson's disease biomarker. <b>2019</b> , 56, 378-385		15
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144	Redox cycling-based electrochemical CMOS imaging sensor for real time and selective imaging of redox analytes. <b>2020</b> , 304, 127245	6
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134	In situ electrochemical exfoliation of embedded graphite to superficial graphene sheets for electroanalytical purposes. <b>2020</b> , 354, 136762		4
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117	A sandwich-structured, layered CoTMPyP/Sr <sub>2</sub> Nb <sub>3</sub> O <sub>10</sub> nanocomposite for simultaneous voltammetric determination of dopamine and ascorbic acid. <b>2020</b> , 873, 114403	8
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104	Hypha-templated synthesis of carbon/ZnO microfiber for dopamine sensing in pork. <b>2021</b> , 335, 127646	4
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101	LDI-MS scanner: Laser desorption ionization mass spectrometry-based biosensor standardization. <b>2021</b> , 223, 121688	7

100	Colorimetric sensing of dopamine in beef meat using copper sulfide encapsulated within bovine serum albumin functionalized with copper phosphate (CuS-BSA-Cu(PO)) nanoparticles. <b>2021</b> , 582, 732-740	12
99	Highly sensitive electrochemical sensor based on xylan-based Ag@CQDs-rGO nanocomposite for dopamine detection. <b>2021</b> , 541, 148566	17
98	A simple dopamine sensor using graphdiyne nanotubes and shortened carbon nanotubes for enhanced preconcentration and electron transfer. <b>2021</b> , 160, 105755	6
97	Highly sensitive and selective electrochemical detection of dopamine based on CuCrO <sub>2</sub> -TiO <sub>2</sub> composite decorated screen-printed modified electrode. <b>2021</b> , 160, 105694	3
96	Aptamer and molecularly imprinted polymer: Synergistic recognition and sensing of dopamine. <b>2021</b> , 367, 137433	12
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