

# CITATION REPORT

List of articles citing

**Fe<sub>3</sub>O<sub>4</sub> magnetic nanoparticles/reduced graphene oxide nanosheets as a novel electrochemical and bioelectrochemical sensing platform**

**DOI: 10.1016/j.bios.2013.04.034**

**Biosensors and Bioelectronics, 2013, 49, 1-8.**

**Source:** <https://exaly.com/paper-pdf/55905363/citation-report.pdf>

**Version:** 2024-04-19

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#	Paper	IF	Citations
438	Direct electrochemistry of nanoparticulate Fe <sub>2</sub> O <sub>3</sub> in aqueous solution and adsorbed onto tin-doped indium oxide. <b>2001</b> , 73, 1885-1894		57
437	Fabrication of an Electrochemical L-Cysteine Sensor Based on Graphene Nanosheets Decorated Manganese Oxide Nanocomposite Modified Glassy Carbon Electrode. <b>2013</b> , 25, 2201-2210		32
436	Voltammetric study and Determination of Phenylephrine Hydrochloride at INP-Nafion-modified CPE Sensor Employing Differential Pulse Voltammetry. <b>2014</b> , 30, 219-227		1
435	Electrochemical biosensor based on glucose oxidase encapsulated within enzymatically synthesized poly(1,10-phenanthroline-5,6-dione). <b>2014</b> , 123, 685-91		9
434	A High Performance Electrochemical Biosensing Platform for Glucose Detection and IgE Aptasensing Based on Fe <sub>3</sub> O <sub>4</sub> /Reduced Graphene Oxide Nanocomposite. <b>2014</b> , 26, 129-138		15
433	Ultrasensitive and selective detection of dopamine using cobalt-phthalocyanine nanopillar-based surface acoustic wave sensor. <b>2014</b> , 6, 22378-86		26
432	Investigations of an electrochemical platform based on the layered MoS <sub>2</sub> -graphene and horseradish peroxidase nanocomposite for direct electrochemistry and electrocatalysis. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 56, 137-43	11.8	122
431	Nonenzymatic nitrite sensor based on a titanium dioxide nanoparticles/ionic liquid composite electrode. <b>2014</b> , 719, 35-40		43
430	Novel graphene flowers modified carbon fibers for simultaneous determination of ascorbic acid, dopamine and uric acid. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 53, 220-4	11.8	223
429	Electrochemical in-vivo sensors using nanomaterials made from carbon species, noble metals, or semiconductors. <b>2014</b> , 181, 1471-1484		41
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427	CTAB functionalized graphene oxide/multiwalled carbon nanotube composite modified electrode for the simultaneous determination of ascorbic acid, dopamine, uric acid and nitrite. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 56, 300-6	11.8	239
426	Highly selective and sensitive adenosine aptasensor based on platinum nanoparticles as catalytical label for amplified detection of biorecognition events through H <sub>2</sub> O <sub>2</sub> reduction. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 53, 355-62	11.8	56
425	Preparation of NiFeO <sub>2</sub> /graphene nanocomposite and its application as a modifier for the fabrication of an electrochemical sensor for the simultaneous determination of tramadol and acetaminophen. <b>2014</b> , 831, 50-9		105
424	Electrochemical and Photoelectrochemical Sensing of NADH and Ethanol Based on Immobilization of Electrogenerated Chlorpromazine Sulfoxide onto Graphene-CdS Quantum Dot/Ionic Liquid Nanocomposite. <b>2014</b> , 26, 530-540		24
423	Graphene-based nanobiocatalytic systems: recent advances and future prospects. <b>2014</b> , 32, 312-20		129
422	Recyclable enzyme mimic of cubic FeO nanoparticles loaded on graphene oxide-dispersed carbon nanotubes with enhanced peroxidase-like catalysis and electrocatalysis. <b>2014</b> , 2, 4442-4448		91

4 <sup>21</sup>	Polypyrrole nanotube embedded reduced graphene oxide transducer for field-effect transistor-type H <sub>2</sub> O <sub>2</sub> biosensor. <b>2014</b> , 86, 1822-8	74
4 <sup>20</sup>	Graphene and its nanocomposite material based electrochemical sensor platform for dopamine. <b>2014</b> , 4, 63296-63323	224
4 <sup>19</sup>	An amplified electrochemical aptasensor for thrombin detection based on pseudobienzymic Fe <sub>3</sub> O <sub>4</sub> -Au nanocomposites and electroactive hemin/G-quadruplex as signal enhancers. <b>2014</b> , 139, 1756-61	25
4 <sup>18</sup>	A Review of Glucose Biosensors Based on Graphene/Metal Oxide Nanomaterials. <b>2014</b> , 47, 1821-1834	40
4 <sup>17</sup>	One-pot hydrothermal synthesis of zirconium dioxide nanoparticles decorated reduced graphene oxide composite as high performance electrochemical sensing and biosensing platform. <b>2014</b> , 143, 196-206	58
4 <sup>16</sup>	Carbon coated nickel sulfide/reduced graphene oxide nanocomposites: facile synthesis and excellent supercapacitor performance. <b>2014</b> , 146, 525-532	46
4 <sup>15</sup>	Electrochemical Sensing of Nitrite Ions Using Tin-Submicroparticles Modified Glassy Carbon Electrodes. <b>2014</b> , 26, 2358-2364	6
4 <sup>14</sup>	Sensitive electrochemical sensors for simultaneous determination of ascorbic acid, dopamine, and uric acid based on Au@Pd-reduced graphene oxide nanocomposites. <b>2014</b> , 6, 11303-9	168
4 <sup>13</sup>	Chemical synthesis of Fe <sub>3</sub> O <sub>4</sub> /graphene oxide nanohybrids as building blocks for magnetic and conductive membranes. <b>2014</b> , 189, 13-20	27
4 <sup>12</sup>	Novel electrochemical sensor based on N-doped carbon nanotubes and Fe <sub>3</sub> O <sub>4</sub> nanoparticles: simultaneous voltammetric determination of ascorbic acid, dopamine and uric acid. <b>2014</b> , 432, 207-13	76
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4 <sup>10</sup>	Facile preparation of poly (diallyldimethylammonium chloride) modified reduced graphene oxide for sensitive detection of nitrite. <b>2014</b> , 47, 33-36	41
4 <sup>09</sup>	Magnetite NPs@C with Highly-Efficient Peroxidase-Like Catalytic Activity as an Improved Biosensing Strategy for Selective Glucose Detection. <b>2014</b> , 26, 1721-1728	4
4 <sup>08</sup>	An ionic liquid-Fe <sub>3</sub> O <sub>4</sub> nanoparticles-graphite composite electrode used for nonenzymatic electrochemical determination of hydrogen peroxide. <b>2014</b> , 729, 109-115	12
4 <sup>07</sup>	Facile simultaneous electrochemical determination of codeine and acetaminophen in pharmaceutical samples and biological fluids by graphene/CoFe <sub>2</sub> O <sub>4</sub> nanocomposite modified carbon paste electrode. <b>2014</b> , 203, 909-918	101
4 <sup>06</sup>	Highly sensitive electrocatalytic detection of nitrite based on SiC nanoparticles/amine terminated ionic liquid modified glassy carbon electrode integrated with flow injection analysis. <b>2014</b> , 205, 136-142	43
4 <sup>05</sup>	Enhanced nonenzymatic sensing of hydrogen peroxide released from living cells based on Fe <sub>3</sub> O <sub>4</sub> /self-reduced graphene nanocomposites. <b>2014</b> , 6, 6073	39
4 <sup>04</sup>	A Non-Enzymatic Hydrogen Peroxide Sensor Based on Gold Nanoparticles/Carbon Nanotube/Self-Doped Polyaniline Hollow Spheres. <b>2014</b> , 26, 1513-1521	20

403	Zinc oxide nanowires-based electrochemical biosensor for L-lactic acid amperometric detection. <i>Journal of Nanoparticle Research</i> , <b>2014</b> , 16, 1	2.3	22
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397	3D graphene foams decorated by CuO nanoflowers for ultrasensitive ascorbic acid detection. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 59, 384-8	11.8	148
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393	Decoration of Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles on graphene oxide nanosheets. <b>2015</b> , 5, 105499-105506		28
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350	An electrochemical immunosensor for ultrasensitive detection of carbohydrate antigen 199 based on Au@Cu(x)OS yolk-shell nanostructures with porous shells as labels. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 63, 39-46	11.8	49

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335	Electrocatalytic oxidation of hydrazine on magnetic bar carbon paste electrode modified with benzothiazole and iron oxide nanoparticles: Simultaneous determination of hydrazine and phenol. <b>2016</b> , 37, 549-560	28
334	Europium doped magnetic graphene oxide-MWCNT nanohybrid for estimation and removal of arsenate and arsenite from real water samples. <b>2016</b> , 299, 244-254	36
333	A novel Au/r-GO/TNTs electrode for H <sub>2</sub> O <sub>2</sub> , O <sub>2</sub> and nitrite detection. <b>2016</b> , 234, 264-272	18
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316	Selective detection of dopamine with an all PEDOT:PSS Organic Electrochemical Transistor. <b>2016</b> , 6, 35419		93
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292	Recent advances in electrochemical biosensors based on graphene two-dimensional nanomaterials. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 76, 195-212	11.8	271
291	Synthesis of graphene and related two-dimensional materials for bioelectronics devices. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 89, 28-42	11.8	46
290	Electrochemical sensors and biosensors based on less aggregated graphene. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 89, 167-186	11.8	88
289	A sensitive sodium dodecyl sulfonate functionalized graphene hybrid SnO <sub>2</sub> nanoparticles composite modified glassy carbon electrode for detecting daphnetin. <b>2017</b> , 787, 72-79		7
288	Highly Sensitive Electrochemical Hydrogen Peroxide Sensor Based on Iron Oxide-Reduced Graphene Oxide-Chitosan Modified with DNA-Celestine Blue. <b>2017</b> , 29, 1113-1123		14
287	Anchoring samarium oxide nanoparticles on reduced graphene oxide for high-performance supercapacitor. <b>2017</b> , 402, 245-253		63
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278	Synthesis of cobalt doped ZnO/reduced graphene oxide nanorods as active material for heavy metal ions sensor and antibacterial activity. <b>2017</b> , 715, 254-265		37

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273	Graphene-based Electrochemical Biosensors: New Trends and Applications. <b>2017</b> , 427-448	2
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257	Small biomolecule sensors based on an innovative MoS <sub>2</sub> -rGO heterostructure modified electrode platform: a binder-free approach. <b>2017</b> , 46, 15848-15858	33
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131	Recent Progress on Uric Acid Detection: A Review. <b>2020</b> , 50, 359-375		35
130	Carbon nanofiber modified with reduced graphite oxide for detection of ascorbic acid, dopamine, and uric acid. <b>2020</b> , 739, 136969		6
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127	Layer-by-Layer nanostructured films of magnetite nanoparticles and polypyrrole towards synergistic effect on methylparaben electrochemical detection. <b>2020</b> , 505, 144278		14
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125	One-pot and surfactant-free synthesis of N-doped mesoporous carbon spheres for the sensitive and selective screening of small biomolecules. <b>2020</b> , 873, 114462		1
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122	Human virus detection with graphene-based materials. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 166, 112436	11.8	74
121	Highly sensitive electrochemical sensing of neurotransmitter dopamine from scalable UV irradiation-based nitrogen-doped reduced graphene oxide-modified electrode. <b>2020</b> , 43, 1		0
120	Functional nanostructured metal oxides and its hybrid electrodes [Recent advancements in electrochemical biosensing applications. <i>Microchemical Journal</i> , <b>2020</b> , 159, 105522	4.8	18
119	Thiolation of Chitosan Loaded over Super-Magnetic Halloysite Nanotubes for Enhanced Laccase Immobilization. <b>2020</b> , 10,		6
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116	Europium oxide nanorod-reduced graphene oxide nanocomposites towards supercapacitors.. <b>2020</b> , 10, 17543-17551		7

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109	Synthesis of Eu(III) fabricated spinel ferrite based surface modified hybrid nanocomposite: Study of catalytic activity towards the facile synthesis of tetrahydrobenzo[b]pyrans. <b>2020</b> , 1219, 128598		7
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60	In-situ preparation of novel sedimentary rock-like Fe <sub>3</sub> O <sub>4</sub> by rice-husk mesoporous silica as templates for effective remove As(III) from aqueous solutions. <b>2021</b> , 9, 105866	6
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45	Biosensing Applications of Electrode Materials. <b>2022</b> , 187-231	0
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43	Enzyme-like Fe-N5 single atom catalyst for simultaneous electrochemical detection of dopamine and uric acid. <b>2022</b> , 904, 115956		2
42	Enhanced non-enzyme nitrite electrochemical sensing property based on stir bar-shaped ZnO nanorods decorated with nitrogen-doped reduced graphene oxide. <b>2022</b> , 355, 131313		3
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33	Recent Progress in Nitrates and Nitrites Sensor with Graphene-Based Nanocomposites as Electrocatalysts. <i>Trends in Environmental Analytical Chemistry</i> , <b>2022</b> , e00162	12	1
32	Polypyrrole Hollow Nanotubes Loaded with Au and Fe <sub>3</sub> O <sub>4</sub> Nanoparticles for Simultaneous Determination of Ascorbic Acid, Dopamine, and Uric Acid. <i>Chemical Research in Chinese Universities</i> , 1	2.2	0
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21	Electrochemical Detection of Ascorbic Acid in Finger-Actuated Microfluidic Chip. <b>2022</b> , 13, 1479		0
20	Advances in magnetic field-assisted electrolyte's physicochemical properties and electrokinetic parameters: A case study on the response ability of chloramphenicol on Fe <sub>3</sub> O <sub>4</sub> @carbon spheres-based electrochemical nanosensor. <b>2022</b> , 1229, 340398		1
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16	Voltammetric Determination of Molnupiravir Used in Treatment of the COVID-19 at Magnetite Nanoparticle Modified Carbon Paste Electrode. <b>2022</b> , 108195		1
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13	High Dispersion Fe <sub>3</sub> O <sub>4</sub> nanoparticles synthesis and its Oxygen Reduction Reaction catalytic performance. <b>2022</b> , 7,		0
12	Graphene Oxide-Magnetic Nanoparticles Loaded Polystyrene-Polydopamine Electrospun Nanofibers Based Nanocomposites for Immunosensing Application of C-Reactive Protein. <b>2022</b> , 12, 1175		1
11	Utilization Smartphone for Evaluation Gr/Ni Nanostructures Magnetically Controlled Based Optical Fibers Surface Plasmons.		0
10	Sulfide adsorption by green synthesized Fe <sub>3</sub> O <sub>4</sub> @ZnO core/shell nanoparticles from aqueous solution and industrial rich amine solution: kinetic and equilibrium study.		0
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