

Fe<sub>3</sub>O<sub>4</sub> Magnetic Nanoparticles  
Applications in H<sub>2</sub>O<sub>2</sub> and Glucose

Analytical Chemistry

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Citation Report

#	ARTICLE	IF	CITATIONS
9	Selective, peroxidase substrate based "signal-on" colorimetric assay for the detection of chromium (VI). <i>Analytica Chimica Acta</i> , 2008, 630, 181-185.	2.6	11
10	Sensing H <sub>2</sub> O <sub>2</sub> with layer-by-layer assembled Fe <sub>3</sub> O <sub>4</sub> /PDDA nanocomposite film. <i>Electrochemistry Communications</i> , 2008, 10, 1524-1526.	2.3	109
11	Rapid quantitative determination of hydrogen peroxide by oxidation decolorization of methyl orange using a Fenton reaction system. <i>Analytica Chimica Acta</i> , 2008, 629, 1-5.	2.6	76
12	Nanocatalyst-Based Assay Using DNA-Conjugated Au Nanoparticles for Electrochemical DNA Detection. <i>Langmuir</i> , 2008, 24, 9883-9888.	1.6	68
13	Synthesis of functional cobalt nanoparticles for catalytic applications. Use in asymmetric transfer hydrogenation of ketones. <i>Journal of Materials Chemistry</i> , 2008, 18, 4692.	6.7	58
14	Controlled synthesis and self-assembly of dendrite patterns of Fe <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Nanotechnology</i> , 2009, 20, 035601.	1.3	22
15	Preparation and characterization of magnetic nanofibrous composite membranes with catalytic activity. <i>Materials Letters</i> , 2009, 63, 1810-1813.	1.3	19
16	Nanostructured FeS as a Mimic Peroxidase for Biocatalysis and Biosensing. <i>Chemistry - A European Journal</i> , 2009, 15, 4321-4326.	1.7	291
17	Determination of hydrogen peroxide with the aid of peroxidase-like Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles as the catalyst. <i>Mikrochimica Acta</i> , 2009, 165, 299-305.	2.5	144
18	Iron oxide-chitosan nanobiocomposite for urea sensor. <i>Sensors and Actuators B: Chemical</i> , 2009, 138, 572-580.	4.0	205
19	Sensitive fluorescent probes for determination of hydrogen peroxide and glucose based on enzyme-immobilized magnetite/silica nanoparticles. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 2377-2385.	1.9	55
20	A novel hemin-based organic phase artificial enzyme electrode and its application in different hydrophobicity organic solvents. <i>Biosensors and Bioelectronics</i> , 2009, 24, 2002-2007.	5.3	16
21	Metal oxide-chitosan based nanocomposite for cholesterol biosensor. <i>Thin Solid Films</i> , 2009, 518, 614-620.	0.8	63
22	Layer-by-layer assembled hybrid film of carbon nanotubes/iron oxide nanocrystals for reagentless electrochemical detection of H <sub>2</sub> O <sub>2</sub> . <i>Sensors and Actuators B: Chemical</i> , 2009, 138, 182-188.	4.0	39
23	Superparamagnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles as catalysts for the catalytic oxidation of phenolic and aniline compounds. <i>Journal of Hazardous Materials</i> , 2009, 167, 560-566.	6.5	401
24	Chemiluminescence flow biosensor for hydrogen peroxide using DNAzyme immobilized on eggshell membrane as a thermally stable biocatalyst. <i>Biosensors and Bioelectronics</i> , 2009, 24, 2534-2540.	5.3	102
25	A practical glucose biosensor based on Fe <sub>3</sub> O <sub>4</sub> nanoparticles and chitosan/nafion composite film. <i>Biosensors and Bioelectronics</i> , 2009, 25, 889-895.	5.3	219
26	Gold nanowire assembling architecture for H <sub>2</sub> O <sub>2</sub> electrochemical sensor. <i>Talanta</i> , 2009, 77, 1510-1517.	2.9	110

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28	Innovative Platform for Transmission Localized Surface Plasmon Transducers and Its Application in Detecting Heavy Metal Pd(II). <i>Analytical Chemistry</i> , 2009, 81, 7703-7712.	3.2	23
29	Solvothermal Synthesis and Characterization of Fe <sub>3</sub> O <sub>4</sub> and <sup>57</sup> Fe <sub>2</sub> O <sub>3</sub> Nanoplates. <i>Journal of Physical Chemistry C</i> , 2009, 113, 4012-4017.	1.5	280
30	Contributions by a Novel Edge Effect to the Permselectivity of an Electrosynthesized Polymer for Microbiosensor Applications. <i>Analytical Chemistry</i> , 2009, 81, 3911-3918.	3.2	31
31	An ultrasensitive DNAzyme-based colorimetric strategy for nucleic acid detection. <i>Chemical Communications</i> , 2009, , 5838.	2.2	42
33	Magnetic nanoparticle-linked colorimetric aptasensor for the detection of thrombin. <i>Sensors and Actuators B: Chemical</i> , 2010, 147, 428-433.	4.0	101
34	Uniform Fe <sub>3</sub> O <sub>4</sub> Octahedra with Tunable Edge Length – Synthesis by a Facile Polyol Route and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 5635-5639.	1.0	26
35	Nanostructured Iron Oxide Platform for Impedimetric Cholesterol Detection. <i>Electroanalysis</i> , 2010, 22, 1045-1055.	1.5	48
36	Graphene Oxide: Intrinsic Peroxidase Catalytic Activity and Its Application to Glucose Detection. <i>Advanced Materials</i> , 2010, 22, 2206-2210.	11.1	1,844
37	Preparation and characterization of bio-functionalized iron oxide nanoparticles for biomedical application. <i>Thin Solid Films</i> , 2010, 519, 1219-1223.	0.8	22
38	Sono-enhanced degradation of dye pollutants with the use of H <sub>2</sub> O <sub>2</sub> activated by Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles as peroxidase mimetic. <i>Ultrasonics Sonochemistry</i> , 2010, 17, 78-83.	3.8	153
39	Sono-assisted preparation of highly-efficient peroxidase-like Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles for catalytic removal of organic pollutants with H <sub>2</sub> O <sub>2</sub> . <i>Ultrasonics Sonochemistry</i> , 2010, 17, 526-533.	3.8	355
40	High-performance glucose amperometric biosensor based on magnetic polymeric bionanocomposites. <i>Biosensors and Bioelectronics</i> , 2010, 25, 1277-1282.	5.3	40
41	Fluorometric determination of hydrogen peroxide in milk by using a Fenton reaction system. <i>Food Chemistry</i> , 2010, 120, 327-331.	4.2	143
42	Prussian blue modified iron oxide magnetic nanoparticles and their high peroxidase-like activity. <i>Journal of Materials Chemistry</i> , 2010, 20, 5110.	6.7	333
43	Colorimetric Determination of Melamine in Dairy Products by Fe <sub>3</sub> O <sub>4</sub> Magnetic Nanoparticles- <sup>3</sup> H <sub>2</sub> O <sub>2</sub> - <sup>3</sup> ABTS Detection System. <i>Analytical Chemistry</i> , 2010, 82, 5897-5899.	3.2	193
44	Magnet-Induced Temporary Superhydrophobic Coatings from One-Pot Synthesized Hydrophobic Magnetic Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 1449-1455.	4.0	60
45	Ultrasensitive fluorometric determination of hydrogen peroxide and glucose by using multiferroic BiFeO <sub>3</sub> nanoparticles as a catalyst. <i>Talanta</i> , 2010, 81, 901-907.	2.9	104

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47	Facile synthesis of urchin-like gold submicrostructures for nonenzymatic glucose sensing. <i>Talanta</i> , 2010, 82, 1845-1852.	2.9	71
48	Fluorescein isothiocyanate-capped gold nanoparticles for fluorescent detection of reactive oxygen species based on thiol oxidation and their application for sensing glucose in serum. <i>Analytical Methods</i> , 2010, 2, 1810.	1.3	21
49	Design of AgM Bimetallic Alloy Nanostructures (M = Au, Pd, Pt) with Tunable Morphology and Peroxidase-Like Activity. <i>Chemistry of Materials</i> , 2010, 22, 2988-2994.	3.2	402
50	Positively-charged gold nanoparticles as peroxidase mimic and their application in hydrogen peroxide and glucose detection. <i>Chemical Communications</i> , 2010, 46, 8017.	2.2	843
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52	Carboxyl functionalized mesoporous polymer: A novel peroxidase-like catalyst for H <sub>2</sub> O <sub>2</sub> detection. <i>Analytical Methods</i> , 2011, 3, 1475.	1.3	43
53	Iron-substituted SBA-15 microparticles: a peroxidase-like catalyst for H <sub>2</sub> O <sub>2</sub> detection. <i>Analyst</i> , The, 2011, 136, 4894.	1.7	57
54	Differential magnetic catch and release: experimental parameters for controlled separation of magnetic nanoparticles. <i>Analyst</i> , The, 2011, 136, 2564.	1.7	14
55	Titanium silicalite-1 zeolite microparticles for enzymeless H <sub>2</sub> O <sub>2</sub> detection. <i>Analyst</i> , The, 2011, 136, 2037.	1.7	21
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57	Enzyme-Mimic Activity of Ferric Nano-Core Residing in Ferritin and Its Biosensing Applications. <i>Analytical Chemistry</i> , 2011, 83, 8611-8616.	3.2	61
58	Formation of PdPt Alloy Nanodots on Gold Nanorods: Tuning Oxidase-like Activities via Composition. <i>Langmuir</i> , 2011, 27, 2796-2803.	1.6	131
59	Graphene and its derivative-based sensing materials for analytical devices. <i>Journal of Materials Chemistry</i> , 2011, 21, 18503.	6.7	117
60	Substrate-specific modifications on magnetic iron oxide nanoparticles as an artificial peroxidase for improving sensitivity in glucose detection. <i>Nanotechnology</i> , 2011, 22, 145704.	1.3	63
61	CoFe <sub>2</sub> O <sub>4</sub> magnetic nanoparticles as a peroxidase mimic mediated chemiluminescence for hydrogen peroxide and glucose. <i>Chemical Communications</i> , 2011, 47, 10785.	2.2	281
62	NanoBiosensing. <i>Biological and Medical Physics Series</i> , 2011, . .	0.3	29
63	Nitrophenylboronic Acids as Highly Chemoselective Probes To Detect Hydrogen Peroxide in Foods and Agricultural Products. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 11403-11406.	2.4	70

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65	A sensitive enzymeless hydrogen-peroxide sensor based on epitaxially-grown Fe <sub>3</sub> O <sub>4</sub> thin film. <i>Analytica Chimica Acta</i> , 2011, 708, 44-51.	2.6	38
66	The Use of Magnetic Nanoparticles in Analytical Chemistry. <i>Annual Review of Analytical Chemistry</i> , 2011, 4, 251-273.	2.8	185
67	Fluorometric method for the determination of hydrogen peroxide and glucose with Fe <sub>3</sub> O <sub>4</sub> as catalyst. <i>Talanta</i> , 2011, 85, 1075-1080.	2.9	62
68	Development of phosphonate modified Fe(1- $\lambda$ -x)MnxFe <sub>2</sub> O <sub>4</sub> mixed ferrite nanoparticles: Novel peroxidase mimetics in enzyme linked immunosorbent assay. <i>Talanta</i> , 2011, 86, 337-348.	2.9	39
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70	Facile colorimetric detection of glucose based on an organic Fenton reaction. <i>Analytical Methods</i> , 2011, 3, 1056.	1.3	13
71	A core-shell magnetic mesoporous silica sorbent for organic targets with high extraction performance and anti-interference ability. <i>Chemical Communications</i> , 2011, 47, 4454.	2.2	81
72	Functionalization of whole-cell bacterial reporters with magnetic nanoparticles. <i>Microbial Biotechnology</i> , 2011, 4, 89-97.	2.0	81
73	Electrodes modified with multiwalled carbon nanotubes carrying Fe <sub>3</sub> O <sub>4</sub> beads: High sensitivity to H <sub>2</sub> O <sub>2</sub> . <i>Solid State Sciences</i> , 2011, 13, 142-145.	1.5	9
74	Hemin functionalized graphene nanosheets-based dual biosensor platforms for hydrogen peroxide and glucose. <i>Sensors and Actuators B: Chemical</i> , 2011, 160, 295-300.	4.0	135
75	Conjugation of manganese ferrite nanoparticles to an anti Sticholysin monoclonal antibody and conjugate applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 387, 118-124.	2.3	28
76	Development of an electrochemical aptamer-based sensor with a sensitive Fe <sub>3</sub> O <sub>4</sub> nanoparticle-redox tag for reagentless protein detection. <i>Electrochemistry Communications</i> , 2011, 13, 928-931.	2.3	28
77	Electro-oxidation nitrite based on copper calcined layered double hydroxide and gold nanoparticles modified glassy carbon electrode. <i>Electrochimica Acta</i> , 2011, 56, 9769-9774.	2.6	41
78	Sensitive detection of glucose based on gold nanoparticles assisted silver mirror reaction. <i>Analyst, The</i> , 2011, 136, 2893.	1.7	47
79	Functional Micro/Nanostructures: Simple Synthesis and Application in Sensors, Fuel Cells, and Gene Delivery. <i>Accounts of Chemical Research</i> , 2011, 44, 491-500.	7.6	130
80	Peroxidase-Like Activity of Cupric Oxide Nanoparticle. <i>ChemCatChem</i> , 2011, 3, 1151-1154.	1.8	190
81	A sensitive choline biosensor using Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles as peroxidase mimics. <i>Analyst, The</i> , 2011, 136, 4960.	1.7	53

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83	Peroxidase-like activity of aminopropyltriethoxysilane-modified iron oxide magnetic nanoparticles and its application to clenbuterol detection. <i>European Food Research and Technology</i> , 2011, 233, 881-887.	1.6	13
84	Humic acid coated Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles as highly efficient Fenton-like catalyst for complete mineralization of sulfathiazole. <i>Journal of Hazardous Materials</i> , 2011, 190, 559-565.	6.5	226
85	Colorimetric platform for visual detection of cancer biomarker based on intrinsic peroxidase activity of graphene oxide. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3927-3931.	5.3	144
86	Research progress of nanoparticles as enzyme mimetics. <i>Science China: Physics, Mechanics and Astronomy</i> , 2011, 54, 1749-1756.	2.0	27
87	Label-Free Colorimetric Detection of Nucleic Acids Based on Target-Induced Shielding Against the Peroxidase-Mimicking Activity of Magnetic Nanoparticles. <i>Small</i> , 2011, 7, 1521-1525.	5.2	145
88	A Highly Efficient Electrochemical Biosensing Platform by Employing Conductive Nanocomposite Entrapping Magnetic Nanoparticles and Oxidase in Mesoporous Carbon Foam. <i>Advanced Functional Materials</i> , 2011, 21, 2868-2875.	7.8	75
89	Colorimetric Biosensing Using Smart Materials. <i>Advanced Materials</i> , 2011, 23, 4215-4236.	11.1	594
90	Luminol-silver nitrate chemiluminescence enhancement induced by cobalt ferrite nanoparticles. <i>Luminescence</i> , 2011, 26, 547-552.	1.5	14
91	Structural Effects of Fe <sub>3</sub> O <sub>4</sub> Nanocrystals on Peroxidase-Like Activity. <i>Chemistry - A European Journal</i> , 2011, 17, 620-625.	1.7	233
92	Helical Carbon Nanotubes: Intrinsic Peroxidase Catalytic Activity and Its Application for Biocatalysis and Biosensing. <i>Chemistry - A European Journal</i> , 2011, 17, 9377-9384.	1.7	181
93	Fabrication of Nanoporous Nanocomposites Entrapping Fe <sub>3</sub> O <sub>4</sub> Magnetic Nanoparticles and Oxidases for Colorimetric Biosensing. <i>Chemistry - A European Journal</i> , 2011, 17, 10700-10707.	1.7	114
94	A mimic peroxidase biosensor based on calcined layered double hydroxide for detection of H <sub>2</sub> O <sub>2</sub> . <i>Biosensors and Bioelectronics</i> , 2011, 26, 3278-3283.	5.3	55
95	BSA-stabilized Au clusters as peroxidase mimetics for use in xanthine detection. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3614-3619.	5.3	330
96	Synthesis of starch-stabilized silver nanoparticles and their application as a surface plasmon resonance-based sensor of hydrogen peroxide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 382, 203-210.	2.3	207
97	Au@Pt nanostructures as oxidase and peroxidase mimetics for use in immunoassays. <i>Biomaterials</i> , 2011, 32, 1139-1147.	5.7	531
98	Magnetically recoverable facile nanomaterials: Synthesis, characterization and application in remediation of heavy metals. <i>Microchemical Journal</i> , 2011, 98, 328-333.	2.3	51
99	Au nanocages for highly sensitive and selective detection of H <sub>2</sub> O <sub>2</sub> . <i>Journal of Electroanalytical Chemistry</i> , 2011, 656, 23-28.	1.9	55

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101	Ultra-small particles of iron oxide as peroxidase for immunohistochemical detection. <i>Nanotechnology</i> , 2011, 22, 225703.	1.3	47
102	Nanostructured Mimic Enzymes for Biocatalysis and Biosensing. <i>Biological and Medical Physics Series</i> , 2011, , 85-109.	0.3	3
103	Opportunities in nano-structured metal oxides based biosensors. <i>Journal of Physics: Conference Series</i> , 2012, 358, 012007.	0.3	12
104	Enzyme Mimics of Au/Ag Nanoparticles for Fluorescent Detection of Acetylcholine. <i>Analytical Chemistry</i> , 2012, 84, 9706-9712.	3.2	127
105	A facile chemical method to produce superparamagnetic graphene oxideâ€“Fe <sub>3</sub> O <sub>4</sub> hybrid composite and its application in the removal of dyes from aqueous solution. <i>Journal of Materials Chemistry</i> , 2012, 22, 1033-1039.	6.7	347
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108	Magnetic solidâ€“phase extraction and ultrafast liquid chromatographic detection of Sudan dyes in red wines, juices, and mature vinegars. <i>Journal of Separation Science</i> , 2012, 35, 3403-3411.	1.3	39
109	Analysis of hydrogen peroxide in cigarette smoke from selected Chinese cigarette brands under conventional and intense machine smoking conditions. <i>European Food Research and Technology</i> , 2012, 235, 1107-1115.	1.6	3
110	A highly sensitive electrochemiluminescence immunosensor based on magnetic nanoparticles and its application in CA125 determination. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 2891-2898.	1.2	21
111	TAML Activator-Based Amperometric Analytical Devices as Alternatives to Peroxidase Biosensors. <i>Analytical Chemistry</i> , 2012, 84, 9096-9100.	3.2	19
112	Uricase-Based Highly Sensitive and Selective Spectrophotometric Determination of Uric Acid Using BSA-Stabilized Au Nanoclusters as Artificial Enzyme. <i>Spectroscopy Letters</i> , 2012, 45, 511-519.	0.5	30
113	Ptâ€“DNA complexes as peroxidase mimetics and their applications in colorimetric detection of H <sub>2</sub> O <sub>2</sub> and glucose. <i>Analytical Methods</i> , 2012, 4, 2183.	1.3	29
114	Novel application of CoFe layered double hydroxide nanoplates for colorimetric detection of H <sub>2</sub> O <sub>2</sub> and glucose. <i>Analyst, The</i> , 2012, 137, 1325.	1.7	99
115	Hydrolysis of glucose-6-phosphate in aged, acid-forced hydrolysed nanomolar inorganic iron solutionsâ€“an inorganic biocatalyst?. <i>RSC Advances</i> , 2012, 2, 199-208.	1.7	19
116	Enhanced nonenzymatic hydrogen peroxide sensing with reduced graphene oxide/ferroferric oxide nanocomposites. <i>Talanta</i> , 2012, 89, 417-421.	2.9	142
117	Peroxidase-like activity of chitosan stabilized silver nanoparticles for visual and colorimetric detection of glucose. <i>Analyst, The</i> , 2012, 137, 5560.	1.7	257

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118	Peroxidase-like activity of water-soluble cupric oxide nanoparticles and its analytical application for detection of hydrogen peroxide and glucose. <i>Analyst, The</i> , 2012, 137, 1706.	1.7	287
119	Electrochemical immunoassay of benzo[a]pyrene based on dual amplification strategy of electron-accelerated Fe <sub>3</sub> O <sub>4</sub> /polyaniline platform and multi-enzyme-functionalized carbon sphere label. <i>Analytica Chimica Acta</i> , 2012, 722, 100-106.	2.6	50
120	Polyethyleneimine-capped silver nanoclusters as a fluorescence probe for sensitive detection of hydrogen peroxide and glucose. <i>Analytica Chimica Acta</i> , 2012, 749, 56-62.	2.6	101
121	Polyoxometalates as peroxidase mimetics and their applications in H <sub>2</sub> O <sub>2</sub> and glucose detection. <i>Biosensors and Bioelectronics</i> , 2012, 36, 18-21.	5.3	101
122	Heterogeneous sono-Fenton catalytic degradation of bisphenol A by Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles under neutral condition. <i>Chemical Engineering Journal</i> , 2012, 197, 242-249.	6.6	251
123	Visual Detection of Glucose Using Conformational Switch of $\alpha$ -Motif DNA and Non-Crosslinking Gold Nanoparticles. <i>Chemistry - A European Journal</i> , 2012, 18, 12637-12642.	1.7	40
124	Colorimetric Protein Sensing Using Catalytically Amplified Sensor Arrays. <i>Small</i> , 2012, 8, 3589-3592.	5.2	100
125	H <sub>2</sub> O <sub>2</sub> triggered sol-gel transition used for visual detection of glucose. <i>Chemical Communications</i> , 2012, 48, 3739.	2.2	37
126	Fe( $\mu$ -OH)-based coordination polymernanoparticles: peroxidase-like catalytic activity and their application to hydrogen peroxide and glucose detection. <i>Catalysis Science and Technology</i> , 2012, 2, 432-436.	2.1	70
127	Ex Vivo Detection of Iron Oxide Magnetic Nanoparticles in Mice Using Their Intrinsic Peroxidase-Mimicking Activity. <i>Molecular Pharmaceutics</i> , 2012, 9, 1983-1989.	2.3	51
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129	A general strategy for the production of photoluminescent carbon nitride dots from organic amines and their application as novel peroxidase-like catalysts for colorimetric detection of H <sub>2</sub> O <sub>2</sub> and glucose. <i>RSC Advances</i> , 2012, 2, 411-413.	1.7	201
130	Graphene oxide-Fe <sub>3</sub> O <sub>4</sub> magnetic nanocomposites with peroxidase-like activity for colorimetric detection of glucose. <i>Nanoscale</i> , 2012, 4, 3969.	2.8	477
131	Single-source precursor approach for the preparation of CdS nanoparticles and their photocatalytic and intrinsic peroxidase like activity. <i>Applied Catalysis B: Environmental</i> , 2012, 126, 265-274.	10.8	42
132	Analytical and environmental applications of nanoparticles as enzyme mimetics. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 39, 114-129.	5.8	237
133	Electro-enzymatic degradation of carbofuran with the graphene oxide-Fe <sub>3</sub> O <sub>4</sub> -hemoglobin composite in an electrochemical reactor. <i>Process Biochemistry</i> , 2012, 47, 2480-2486.	1.8	13
134	A novel colorimetric determination of reduced glutathione in A549 cells based on Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles as peroxidase mimetics. <i>Analyst, The</i> , 2012, 137, 485-489.	1.7	114
135	One pot glucose detection by [FeIII(biuret-amide)] immobilized on mesoporous silica nanoparticles: an efficient HRP mimic. <i>Chemical Communications</i> , 2012, 48, 5289.	2.2	58



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137	Colorimetric quantification of galactose using a nanostructured multi-catalyst system entrapping galactose oxidase and magnetic nanoparticles as peroxidase mimetics. <i>Analyst, The</i> , 2012, 137, 1137.	1.7	50
138	A facile and one-step colorimetric determination of hydrazine during formation of size-controlled amidosulfonic acid capped gold nanoparticles. <i>Analytical Methods</i> , 2012, 4, 3836.	1.3	6
139	Chemiluminescence Switching on Peroxidase-Like Fe <sub>3</sub> O <sub>4</sub> Nanoparticles for Selective Detection and Simultaneous Determination of Various Pesticides. <i>Analytical Chemistry</i> , 2012, 84, 9492-9497.	3.2	114
140	Solid phase extraction of trace amounts of silver (I) using dithizone-immobilized alumina-coated magnetite nanoparticles prior to determination by flame atomic absorption spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 1325-1340.	1.8	23
141	Magnetic-room temperature phosphorescent multifunctional nanocomposites as chemosensor for detection and photo-driven enzyme mimetics for degradation of 2,4,6-trinitrotoluene. <i>Journal of Materials Chemistry</i> , 2012, 22, 4720.	6.7	29
142	Superparamagnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles@carbon nitride nanotube hybrids for highly efficient peroxidase mimetic catalysts. <i>Chemical Communications</i> , 2012, 48, 422-424.	2.2	65
143	Intrinsic peroxidase-like activity and catalase-like activity of Co <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Chemical Communications</i> , 2012, 48, 2540.	2.2	666
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528	GOx@ZIF-8(NiPd) Nanoflower: An Artificial Enzyme System for Tandem Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16082-16085.	7.2	323
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535	Catalytic Performance of Oligonucleotide-Templated Pt Nanozyme Evaluated by Laccase Substrates. <i>Catalysis Letters</i> , 2017, 147, 2144-2152.	1.4	39
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538	One-step analysis of glucose and acetylcholine in water based on the intrinsic peroxidase-like activity of Ni/Co LDHs microspheres. <i>Journal of Materials Chemistry B</i> , 2017, 5, 116-122.	2.9	44
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