

Xj Zhang Or Zhang Xj

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139
papers

6,905
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79
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140
ext. papers

7,438
ext. citations

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avg, IF

5.9
L-index

#	Paper	IF	Citations
139	Synthesis of porous NiO nanocrystals with controllable surface area and their application as supercapacitor electrodes. <i>Nano Research</i> , 2010 , 3, 643-652	10	472
138	Magnetic chitosan nanocomposites: a useful recyclable tool for heavy metal ion removal. <i>Langmuir</i> , 2009 , 25, 3-8	4	431
137	Achieving high specific charge capacitances in Fe ₃ O ₄ /reduced graphene oxide nanocomposites. <i>Journal of Materials Chemistry</i> , 2011 , 21, 3422		378
136	Non-enzymatic electrochemical sensing of glucose. <i>Mikrochimica Acta</i> , 2013 , 180, 161-186	5.8	352
135	High-power and high-energy-density flexible pseudocapacitor electrodes made from porous CuO nanobelts and single-walled carbon nanotubes. <i>ACS Nano</i> , 2011 , 5, 2013-9	16.7	304
134	Different CuO Nanostructures: Synthesis, Characterization, and Applications for Glucose Sensors. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 16845-16849	3.8	185
133	Cobalt Oxide Nanowall Arrays on Reduced Graphene Oxide Sheets with Controlled Phase, Grain Size, and Porosity for Li-Ion Battery Electrodes. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 8400-8406	3.8	181
132	Superior performance asymmetric supercapacitors based on ZnCo ₂ O ₄ @MnO ₂ core-shell electrode. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 5442-5448	13	137
131	CuS nanotubes for ultrasensitive nonenzymatic glucose sensors. <i>Chemical Communications</i> , 2008 , 5945-75.8		129
130	Fixure-reduce method for the synthesis of Cu ₂ O/MWCNTs nanocomposites and its application as enzyme-free glucose sensor. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 3395-8	11.8	127
129	Enzyme-free amperometric sensing of glucose using Cu-CuO nanowire composites. <i>Mikrochimica Acta</i> , 2010 , 168, 87-92	5.8	122
128	Three-dimensional Co ₃ O ₄ @NiO hierarchical nanowire arrays for solid-state symmetric supercapacitor with enhanced electrochemical performances. <i>Chemical Engineering Journal</i> , 2016 , 304, 223-231	14.7	119
127	Dual amplification strategy for the fabrication of highly sensitive interleukin-6 amperometric immunosensor based on poly-dopamine. <i>Langmuir</i> , 2011 , 27, 1224-31	4	107
126	Fabrication and Characterization of Fe ₃ O ₄ Octahedrons via an EDTA-Assisted Route. <i>Crystal Growth and Design</i> , 2007 , 7, 2117-2119	3.5	105
125	One-step ultrasonic synthesis of graphene quantum dots with high quantum yield and their application in sensing alkaline phosphatase. <i>Chemical Communications</i> , 2015 , 51, 948-51	5.8	102
124	Detection of hydrazine based on Nano-Au deposited on Porous-TiO ₂ film. <i>Electrochimica Acta</i> , 2010 , 55, 7204-7210	6.7	102
123	Silver oxide nanowalls grown on Cu substrate as an enzymeless glucose sensor. <i>ACS Applied Materials & Interfaces</i> , 2009 , 1, 2829-34	9.5	98

122	A "turn-on" carbon nanotube-Ag nanoclusters fluorescent sensor for sensitive and selective detection of Hg ²⁺ with cyclic amplification of exonuclease III activity. <i>Chemical Communications</i> , 2014 , 50, 747-50	5.8	86
121	Seed-Mediated Growth Method for Epitaxial Array of CuO Nanowires on Surface of Cu Nanostructures and Its Application as a Glucose Sensor. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 8856-8862	3.8	86
120	NiCo ₂ O ₄ @MnMoO ₄ core-shell flowers for high performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 8249-8254	13	83
119	Fabrication of CuO nanowalls on Cu substrate for a high performance enzyme-free glucose sensor. <i>CrystEngComm</i> , 2010 , 12, 1120-1126	3.3	81
118	Copper oxide nanoarray based on the substrate of Cu applied for the chemical sensor of hydrazine detection. <i>Electrochemistry Communications</i> , 2009 , 11, 631-634	5.1	80
117	Optical and electrochemical properties of nanosized CuO via thermal decomposition of copper oxalate. <i>Solid-State Electronics</i> , 2008 , 52, 245-248	1.7	80
116	Novel Hierarchical Nanostructures of Nickel: Self-Assembly of Hexagonal Nanoplatelets. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 601-605	3.8	79
115	Hierarchical structures composed of MnCo ₂ O ₄ @MnO ₂ core-shell nanowire arrays with enhanced supercapacitor properties. <i>Dalton Transactions</i> , 2016 , 45, 572-8	4.3	75
114	Preparation and Characterization of Fe ₃ O ₄ /CdS Nanocomposites and Their Use as Recyclable Photocatalysts. <i>Crystal Growth and Design</i> , 2009 , 9, 197-202	3.5	73
113	Construction of unique Co ₃ O ₄ @CoMoO ₄ core/shell nanowire arrays on Ni foam by the action exchange method for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 14578-14584	13.1	71
112	A Novel Chemical Reduction Route towards the Synthesis of Crystalline Nickel Nanoflowers from a Mixed Source. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 4788-4793	2.3	71
111	Porous Cu-NiO modified glass carbon electrode enhanced nonenzymatic glucose electrochemical sensors. <i>Analyst</i> , 2011 , 136, 5175-80	5	70
110	An amplified electrochemical aptasensor based on hybridization chain reactions and catalysis of silver nanoclusters. <i>Nanoscale</i> , 2015 , 7, 3300-8	7.7	67
109	Microwave-Assisted Synthesis and Photocatalytic Properties of Carbon Nanotube/Zinc Sulfide Heterostructures. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 16779-16783	3.8	63
108	Hierarchical NiMn ₂ O ₄ @CNT nanocomposites for high-performance asymmetric supercapacitors. <i>RSC Advances</i> , 2015 , 5, 24607-24614	3.7	60
107	Copper Dendrites: Synthesis, Mechanism Discussion, and Application in Determination of l-Tyrosine. <i>Crystal Growth and Design</i> , 2008 , 8, 1430-1434	3.5	60
106	3D porous gear-like copper oxide and their high electrochemical performance as supercapacitors. <i>CrystEngComm</i> , 2013 , 15, 7657	3.3	57
105	Controlled Synthesis of Sb Nanostructures and Their Conversion to CoSb ₃ Nanoparticle Chains for Li-Ion Battery Electrodes. <i>Chemistry of Materials</i> , 2010 , 22, 5333-5339	9.6	57

104	Ultrafine nickel-copper carbonate hydroxide hierarchical nanowire networks for high-performance supercapacitor electrodes. <i>Chemical Engineering Journal</i> , 2016 , 290, 353-360	14.7	56
103	Low-temperature fabrication of MnFe ₂ O ₄ octahedrons: Magnetic and electrochemical properties. <i>Chemical Physics Letters</i> , 2006 , 426, 120-123	2.5	56
102	Ultrathin trimetallic metal-organic framework nanosheets for highly efficient oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 14163-14168	13	54
101	Naked-eye sensitive detection of alkaline phosphatase (ALP) and pyrophosphate (PPi) based on a horseradish peroxidase catalytic colorimetric system with Cu(II). <i>Analyst</i> , 2016 , 141, 5549-54	5	54
100	Ultrathin porous nickel-cobalt hydroxide nanosheets for high-performance supercapacitor electrodes. <i>RSC Advances</i> , 2015 , 5, 17007-17013	3.7	54
99	Synthesis and electrochemical properties of different sizes of the CuO particles. <i>Journal of Nanoparticle Research</i> , 2008 , 10, 839-844	2.3	53
98	Synthesis of CuO nanoflower and its application as a H ₂ O ₂ sensor. <i>Bulletin of Materials Science</i> , 2010 , 33, 17-20	1.7	52
97	High electrochemical performance based on ultrathin porous CuO nanobelts grown on Cu substrate as integrated electrode. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 521-5	3.6	49
96	Portable Aptasensor of Aflatoxin B1 in Bread Based on a Personal Glucose Meter and DNA Walking Machine. <i>ACS Sensors</i> , 2018 , 3, 1368-1375	9.2	48
95	Detection of T4 polynucleotide kinase activity with immobilization of TiO ₂ nanotubes and amplification of Au nanoparticles. <i>Biosensors and Bioelectronics</i> , 2013 , 43, 125-30	11.8	47
94	An unusual H ₂ O ₂ electrochemical sensor based on Ni(OH) ₂ nanoplates grown on Cu substrate. <i>Electrochimica Acta</i> , 2010 , 55, 7182-7187	6.7	45
93	Portable aptamer biosensor of platelet-derived growth factor-BB using a personal glucose meter with triply amplified. <i>Biosensors and Bioelectronics</i> , 2017 , 95, 152-159	11.8	44
92	A "turn-on" silver nanocluster based fluorescent sensor for folate receptor detection and cancer cell imaging under visual analysis. <i>Chemical Communications</i> , 2015 , 51, 11810-3	5.8	42
91	Ultrasensitive IL-6 electrochemical immunosensor based on Au nanoparticles-graphene-silica biointerface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 116, 714-9	6	41
90	Electrochemical immunosensor with graphene/gold nanoparticles platform and ferrocene derivatives label. <i>Talanta</i> , 2013 , 103, 75-80	6.2	40
89	Three-dimensional NiCo ₂ O ₄ @NiMoO ₄ core/shell nanowires for electrochemical energy storage. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 12069-12075	13	39
88	Preparation of Fe (core)/SiO ₂ (shell) composite particles with improved oxidation-resistance. <i>Materials Research Bulletin</i> , 2006 , 41, 1424-1429	5.1	39
87	A supersandwich multienzyme-DNA label based electrochemical immunosensor. <i>Chemical Communications</i> , 2012 , 48, 720-2	5.8	38

86	Photoinduced electron transfer (PET) based label-free aptasensor for platelet-derived growth factor-BB and its logic gate application. <i>Biosensors and Bioelectronics</i> , 2015 , 63, 552-557	11.8	37
85	A folate receptor electrochemical sensor based on terminal protection and supersandwich DNAzyme amplification. <i>Biosensors and Bioelectronics</i> , 2013 , 42, 337-41	11.8	36
84	An ultrasensitive electrochemical method for detection of Ag(+) based on cyclic amplification of exonuclease III activity on cytosine-Ag(+)-cytosine. <i>Analyst, The</i> , 2013 , 138, 6900-6	5	35
83	Generalized and Facile Synthesis of Fe ₃ O ₄ /MS (M = Zn, Cd, Hg, Pb, Co, and Ni) Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 12728-12735	3.8	34
82	One-step preparation of copper nanorods with rectangular cross sections. <i>Solid State Communications</i> , 2006 , 139, 412-414	1.6	33
81	A label-free and enzyme-free ultra-sensitive transcription factors biosensor using DNA-templated copper nanoparticles as fluorescent indicator and hairpin DNA cascade reaction as signal amplifier. <i>Biosensors and Bioelectronics</i> , 2016 , 82, 85-92	11.8	32
80	Controllable synthesis of silver nanodendrites on copper rod and its application to hydrogen peroxide and glucose detection. <i>CrystEngComm</i> , 2013 , 15, 1173-1178	3.3	32
79	Electrically contacted enzyme based on dual hairpin DNA structure and its application for amplified detection of Hg ²⁺ . <i>Biosensors and Bioelectronics</i> , 2012 , 35, 108-114	11.8	30
78	Gold nanoparticles/L-cysteine/graphene composite based immobilization strategy for an electrochemical immunosensor. <i>Analytical Methods</i> , 2010 , 2, 1692	3.2	30
77	Synthesis and electrochemical properties of CuO nanobelts. <i>Materials Chemistry and Physics</i> , 2008 , 112, 726-729	4.4	29
76	Flexible superior electrode architectures based on three-dimensional porous spinous γ -Fe ₂ O ₃ with a high performance as a supercapacitor. <i>Dalton Transactions</i> , 2015 , 44, 9581-7	4.3	28
75	Application of gold nanoparticles/TiO ₂ modified electrode for the electrooxidative determination of catechol in tea samples. <i>Food Chemistry</i> , 2012 , 135, 446-51	8.5	28
74	Nonenzymatic glucose sensor based on Cu ₂ S nanocomposite electrode. <i>Electrochemistry Communications</i> , 2012 , 24, 53-56	5.1	27
73	Microwave-assisted synthesis and magnetic properties of size-controlled CoNi/MWCNT nanocomposites. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 1261-1265	5.7	27
72	Synthesis and characterization of CoFe ₂ O ₄ octahedrons via an EDTA-assisted route. <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 305, 68-70	2.8	27
71	Enhanced electrochemical catalytic activity of new nickel hydroxide nanostructures with (100) facet. <i>CrystEngComm</i> , 2011 , 13, 188-192	3.3	25
70	Electrocatalytic oxidation of hydrazine at a glassy carbon electrode modified with nickel ferrite and multi-walled carbon nanotubes. <i>Mikrochimica Acta</i> , 2011 , 175, 145-150	5.8	24
69	Anion-exchange reaction synthesized CoNi ₂ S ₄ nanowires for superior electrochemical performances. <i>RSC Advances</i> , 2015 , 5, 84974-84979	3.7	23

68	Detection of polynucleotide kinase activity by using a gold electrode modified with magnetic microspheres coated with titanium dioxide nanoparticles and a DNA dendrimer. <i>Analyst, The</i> , 2014 , 139, 3895-900	5	22
67	Amplified and selective detection of Ag ⁺ ions based on electrically contacted enzymes on duplex-like DNA scaffolds. <i>Biosensors and Bioelectronics</i> , 2014 , 59, 269-75	11.8	22
66	A simple, fast, and sensitive assay for the detection of DNA, thrombin, and adenosine triphosphate based on Dual-Hairpin DNA structure. <i>Langmuir</i> , 2013 , 29, 14328-34	4	22
65	Synthesis and magnetic properties of size-controlled FeNi alloy nanoparticles attached on multiwalled carbon nanotubes. <i>Journal of Physics and Chemistry of Solids</i> , 2010 , 71, 290-295	3.9	22
64	Synthesis and photocatalytic characterization of porous cuprous oxide octahedra. <i>Materials Letters</i> , 2008 , 62, 4363-4365	3.3	22
63	Preparation of porous Cu ₂ O octahedron and its application as L-Tyrosine sensors. <i>Solid State Communications</i> , 2008 , 148, 525-528	1.6	22
62	Co-doped SnS ₂ nanosheet array for efficient oxygen evolution reaction electrocatalyst. <i>Journal of Materials Science</i> , 2019 , 54, 13715-13723	4.3	21
61	Cupreous oxide nanobelts as detector for determination of l-Tyrosine. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2009 , 156, 6-9	3.1	20
60	Detection of T4 polynucleotide kinase based on a MnO ₂ nanosheet-3,3',5,5'-tetramethylbenzidine (TMB) colorimetric system. <i>Analytical Methods</i> , 2016 , 8, 4119-4126	3.2	20
59	Development of an electrochemical sensor based on the catalysis of ferrocene actuated hemin/G-quadruplex enzyme for the detection of potassium ions. <i>Biosensors and Bioelectronics</i> , 2014 , 61, 410-6	11.8	19
58	Electrochemical amplified detection of Hg ²⁺ based on the supersandwich DNA structure. <i>Analyst, The</i> , 2012 , 137, 2036-8	5	19
57	Microwave-assisted synthesis of Zn x Cd _{1-x} S/MWCNT heterostructures and their photocatalytic properties. <i>Journal of Nanoparticle Research</i> , 2011 , 13, 2225-2234	2.3	19
56	Synthesis of TiO ₂ -doped SiO ₂ composite films and its applications. <i>Bulletin of Materials Science</i> , 2008 , 31, 787-790	1.7	18
55	Carbon fiber/Ni-Co layered double hydroxide@NiMoO ₄ /graphene oxide sandwich structure flexible electrode materials: Facile synthesis and high supercapacitor performance. <i>Journal of Alloys and Compounds</i> , 2019 , 794, 13-20	5.7	17
54	Electrodeposition method synthesise gold nanoparticlesBrussian bluegraphene nanocomposite and its application in electrochemical sensor for H ₂ O ₂ . <i>Micro and Nano Letters</i> , 2012 , 7, 60	0.9	17
53	Conformational switch for cisplatin with hemin/G-quadruplex DNAzyme supersandwich structure. <i>Biosensors and Bioelectronics</i> , 2013 , 50, 210-6	11.8	17
52	Novel ultrasensitive homogeneous electrochemical aptasensor based on dsDNA-templated copper nanoparticles for the detection of ractopamine. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 53-61	7.3	17
51	Target-induced quenching for highly sensitive detection of nucleic acids based on label-free luminescent supersandwich DNA/silver nanoclusters. <i>Analyst, The</i> , 2014 , 139, 165-9	5	16

50	Synthesize Thickness Copper (I) Sulfide nanoplates on Copper Rod and Its Application as Nonenzymatic Cholesterol Sensor. <i>Electrochimica Acta</i> , 2014 , 130, 239-244	6.7	16
49	TTE DNA-Cu NPs: enhanced fluorescence and application in a target DNA triggered dual-cycle amplification biosensor. <i>Chemical Communications</i> , 2017 , 53, 5629-5632	5.8	15
48	One-strand oligonucleotide probe for fluorescent label-free "turn-on" detection of T4 polynucleotide kinase activity and its inhibition. <i>Analyst, The</i> , 2015 , 140, 5650-5	5	15
47	DNA-gold nanoparticles network based electrochemical biosensors for DNA MTase activity. <i>Talanta</i> , 2016 , 152, 228-35	6.2	15
46	Prussian blue-Au nanocomposites actuated hemin/G-quadruplexes catalysis for amplified detection of DNA, Hg ²⁺ and adenosine triphosphate. <i>Analyst, The</i> , 2014 , 139, 5297-303	5	15
45	Uniform hierarchical SnS microspheres: Solvothermal synthesis and lithium ion storage performance. <i>Materials Research Bulletin</i> , 2013 , 48, 4935-4941	5.1	15
44	A ratiometric colorimetric detection of the folate receptor based on terminal protection of small-molecule-linked DNA. <i>Analyst, The</i> , 2015 , 140, 1260-4	5	15
43	Colorimetric and visual determination of melamine by exploiting the conformational change of hemin G-quadruplex-DNAzyme. <i>Mikrochimica Acta</i> , 2014 , 181, 411-418	5.8	15
42	Gold nanoparticle aggregation: Colorimetric detection of the interactions between avidin and biotin. <i>Talanta</i> , 2018 , 185, 106-112	6.2	14
41	Synthesis hexagonal Ni(OH) ₂ nanosheets for use in electrochemistry sensors. <i>Mikrochimica Acta</i> , 2009 , 167, 47-52	5.8	14
40	Ultrathin Zinc Oxide Nanofilm on Zinc Substrate for High Performance Electrochemical Sensors. <i>Electrochimica Acta</i> , 2014 , 144, 186-193	6.7	13
39	Hierarchical ZnO@MnO ₂ @PPy ternary core-shell nanorod arrays: an efficient integration of active materials for energy storage. <i>RSC Advances</i> , 2015 , 5, 39864-39869	3.7	12
38	Effective electrocatalysis based on Ag ₂ O nanowire arrays supported on a copper substrate. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 10465-72	9.5	12
37	Non-enzymatic glucose detection using Ni/multi-walled carbon nanotubes composite. <i>Micro and Nano Letters</i> , 2012 , 7, 168	0.9	12
36	Iron Doped in the Subsurface of CuS Nanosheets by Interionic Redox: Highly Efficient Electrocatalysts toward the Oxygen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 16210-16217	9.5	12
35	Label-free electrochemiluminescent detection of transcription factors with hybridization chain reaction amplification. <i>RSC Advances</i> , 2016 , 6, 37681-37688	3.7	12
34	Morphology-controllable synthesis of 3D firecracker-like ZnO nanoarchitectures for high catalytic performance. <i>CrystEngComm</i> , 2015 , 17, 1121-1128	3.3	11
33	Ultrathin NiCo Bimetallic Molybdate Nanosheets Coated CuOx Nanotubes: Heterostructure and Bimetallic Synergistic Optimization of the Active Site for Highly Efficient Overall Water Splitting. <i>Advanced Energy Materials</i> , 2021 , 11, 2102361	21.8	10

32	Seed-mediated Preparation of CuO Nanoflowers and their Application as Hydrazine Sensor. <i>Chemistry Letters</i> , 2009 , 38, 466-467	1.7	9
31	Controlled synthesis of Ag/Ag/C hybrid nanostructures and their surface-enhanced Raman scattering properties. <i>Chemistry - A European Journal</i> , 2011 , 17, 13386-90	4.8	8
30	Amperometric Detection of Hydrogen Peroxide Using Glassy Carbon Electrodes Modified with Chromium Hexacyanoferrate/Single-Walled Carbon Nanotube Nanocomposites. <i>Electroanalysis</i> , 2009 , 21, 179-183	3	8
29	Preparation of CuO-Nanoparticle-Modified Electrode and Its Application in the Determination of Rutin. <i>Analytical Letters</i> , 2009 , 42, 1084-1093	2.2	8
28	Fabrication and Characterization of Porous Copper Nanorods with Rectangular Cross Sections. <i>Chemistry Letters</i> , 2006 , 35, 1142-1143	1.7	8
27	Detection of heparin based on the conformational switch of DNA. <i>Analytical Methods</i> , 2015 , 7, 7852-7853	3.2	7
26	[G3T]5/Tb(3+) based DNA biosensor with target DNA-triggered autocatalytic multi-cycle-amplification and magnetic nanoparticles assisted-background-lowered. <i>Biosensors and Bioelectronics</i> , 2015 , 74, 931-8	11.8	7
25	Dual functional electrochemical sensor based on Au/polydopamine/Fe3O4 nanocomposites. <i>Analytical Methods</i> , 2011 , 3, 2475	3.2	7
24	Deposition of fan-shaped ZnMoO4 on ZnCo2O4 nanowire arrays for high electrochemical performance. <i>Applied Physics A: Materials Science and Processing</i> , 2017 , 123, 1	2.6	6
23	Three-Dimensional Co3O4@NiCo2S4 Core/Shell Nanoflower Array with Enhanced Electrochemical Performance. <i>ChemistrySelect</i> , 2017 , 2, 9537-9545	1.8	6
22	A simple label-free electrochemical method for the detection of polynucleotide kinase activity by a peroxidase mimic: TiO2 nanotube array. <i>Analytical Methods</i> , 2015 , 7, 10345-10349	3.2	6
21	Target triggered ultrasensitive electrochemical polychlorinated biphenyl aptasensor based on DNA microcapsules and nonlinear hybridization chain reaction. <i>Analyst, The</i> , 2020 , 145, 3598-3604	5	5
20	Dual hairpin-like molecular beacon based on coralyne-adenosine interaction for sensing melamine in dairy products. <i>Talanta</i> , 2014 , 129, 398-403	6.2	5
19	Microwave-polyol controlled synthesis and magnetic properties of monodisperse CoxNi1-xFe2O4/MWCNT nanocomposites. <i>Materials Research Bulletin</i> , 2013 , 48, 4785-4790	5.1	5
18	Adenosine Triphosphate Sensing by Electrocatalysis with DNAzyme. <i>Electroanalysis</i> , 2014 , 26, 312-318	3	5
17	Au NPs/Ni(OH)2/Cu nanocomposites enhanced electrochemical properties for detection of H2O2. <i>Analytical Methods</i> , 2012 , 4, 496	3.2	5
16	Hydrogen Peroxide Sensor Based on Carbon Nanotubes/Ni(OH)2 Nanocomposites. <i>Chinese Journal of Chemistry</i> , 2012 , 30, 501-506	4.9	5
15	Synthesis of Cu/SiO2 composite films via gamma-irradiation route and their optical absorption properties. <i>Materials Research Bulletin</i> , 2008 , 43, 2421-2426	5.1	5

14	Synthesis and optical properties of Cu ₂ O/SiO ₂ composite films via gamma-irradiation route. <i>Materials Letters</i> , 2007 , 61, 248-250	3-3	5
13	General ion-exchanged method synthesized 3D heterostructured MCo ₂ O ₄ /Co ₃ O ₄ nanocomposites (M= Mn, Fe, Ni, Cu and Zn). <i>Journal of Alloys and Compounds</i> , 2018 , 766, 796-803	5-7	5
12	Copper oxide nanofilm on 3D copper foam as a novel electrode material for supercapacitors. <i>Applied Physics A: Materials Science and Processing</i> , 2015 , 119, 1451-1457	2-6	4
11	Target regulated photo induced electron transfer of DNA-Cu nanoparticles and their application for the detection of the hepatitis B gene. <i>Analytical Methods</i> , 2018 , 10, 2614-2622	3-2	4
10	Synthesis of Ni(OH) ₂ nanoplates on Cu rod and its applications for electrochemical sensors. <i>Materials Research Bulletin</i> , 2013 , 48, 3729-3734	5-1	4
9	Copper(II) doped nanoporous TiO ₂ composite based glucose biosensor. <i>Analytical Methods</i> , 2011 , 3, 2611-2622	1-2	4
8	Synthesis and Characterization of Hexagonal-like Fe ₃ O ₄ via Glycothermal Route. <i>Chemistry Letters</i> , 2005 , 34, 240-241	1-7	4
7	Effective Hydrazine Electrochemical Sensors Based on Porous CuO Nanobelts Supported on Cu Substrate. <i>Chemistry Letters</i> , 2015 , 44, 642-644	1-7	3
6	Luminescent CuS nanotubes as silver ion probes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009 , 72, 1071-5	4-4	3
5	Study on porous Cu-based enzyme-free glucose electrochemical sensor with different entrapping agents. <i>Micro and Nano Letters</i> , 2013 , 8, 395-399	0-9	3
4	Synthesis and sensing integration: A novel enzymatic reaction modulated Nanoclusters Beacon (NCB) "Illumination" strategy for label-free biosensing and logic gate operation. <i>Biosensors and Bioelectronics</i> , 2016 , 86, 588-594	11-8	3
3	Zn _{1-x} Ni _x O@TiO ₂ nanocomposite: a direct electrode for nonenzymatic biosensors. <i>Journal of Materials Science</i> , 2018 , 53, 7138-7149	4-3	2
2	Study on the electrochemical oxidation of glucose on different Cu ₂ S/Cu ₂ S integrated electrodes. <i>Analytical Methods</i> , 2013 , 5, 4476	3-2	2
1	G-Quadruplex-Linked Supersandwich DNA Structure for Electrochemical Amplified Detection of Thrombin. <i>Electroanalysis</i> , 2013 , 25, 1960-1966	3	2