Shaojun Dong

List of Publications by Year in descending order

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889	65,816	589 121	1558 210
papers	citations	h-index	g-index

896	896	896	42628
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrochemical Sensing and Biosensing Platform Based on Chemically Reduced Graphene Oxide. Analytical Chemistry, 2009, 81, 5603-5613.	6.6	1,647
2	Transitionâ€Metal (Co, Ni, and Fe)â€Based Electrocatalysts for the Water Oxidation Reaction. Advanced Materials, 2016, 28, 9266-9291.	23.6	1,458
3	Ultra-small fluorescent metal nanoclusters: Synthesis and biological applications. Nano Today, 2011, 6, 401-418.	12.0	1,379
4	Reducing Sugar: New Functional Molecules for the Green Synthesis of Graphene Nanosheets. ACS Nano, 2010, 4, 2429-2437.	14.9	1,327
5	Graphene nanosheet: synthesis, molecular engineering, thin film, hybrids, and energy and analytical applications. Chemical Society Reviews, 2011, 40, 2644.	39.0	1,224
6	Three-Dimensional Pt-on-Pd Bimetallic Nanodendrites Supported on Graphene Nanosheet: Facile Synthesis and Used as an Advanced Nanoelectrocatalyst for Methanol Oxidation. ACS Nano, 2010, 4, 547-555.	14.9	1,125
7	Controlled Synthesis of Largeâ€Area and Patterned Electrochemically Reduced Graphene Oxide Films. Chemistry - A European Journal, 2009, 15, 6116-6120.	3.8	746
8	Platinum Nanoparticle Ensemble-on-Graphene Hybrid Nanosheet: One-Pot, Rapid Synthesis, and Used as New Electrode Material for Electrochemical Sensing. ACS Nano, 2010, 4, 3959-3968.	14.9	725
9	Single-atom nanozymes. Science Advances, 2019, 5, eaav5490.	10.7	681
10	Bifunctional fluorescent carbon nanodots: green synthesis via soy milk and application as metal-free electrocatalysts for oxygen reduction. Chemical Communications, 2012, 48, 9367.	4.1	651
11	A Method to Construct a Third-Generation Horseradish Peroxidase Biosensor:Â Self-Assembling Gold Nanoparticles to Three-Dimensional Solâ^'Gel Network. Analytical Chemistry, 2002, 74, 2217-2223.	6.6	639
12	Cyclodextrin Functionalized Graphene Nanosheets with High Supramolecular Recognition Capability: Synthesis and Hostâ^'Guest Inclusion for Enhanced Electrochemical Performance. ACS Nano, 2010, 4, 4001-4010.	14.9	604
13	Heminâ^'Graphene Hybrid Nanosheets with Intrinsic Peroxidase-like Activity for Label-free Colorimetric Detection of Single-Nucleotide Polymorphism. ACS Nano, 2011, 5, 1282-1290.	14.9	567
14	Facile Fabrication of Highly Efficient g-C₃N₄/Ag₂O Heterostructured Photocatalysts with Enhanced Visible-Light Photocatalytic Activity. ACS Applied Materials & Interfaces, 2013, 5, 12533-12540.	8.1	554
15	The direct electron transfer of glucose oxidase and glucose biosensor based on carbon nanotubes/chitosan matrix. Biosensors and Bioelectronics, 2005, 21, 984-988.	10.2	533
16	pH-Dependent Protein Conformational Changes in Albumin:Gold Nanoparticle Bioconjugates:Â A Spectroscopic Study. Langmuir, 2007, 23, 2714-2721.	3.6	514
17	Easy Synthesis and Imaging Applications of Cross-Linked Green Fluorescent Hollow Carbon Nanoparticles. ACS Nano, 2012, 6, 400-409.	14.9	475
18	Label-Free Colorimetric Detection of Aqueous Mercury Ion (Hg²⁺) Using Hg²⁺-Modulated G-Quadruplex-Based DNAzymes. Analytical Chemistry, 2009, 81, 2144-2149.	6.6	467

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19	Simple and sensitive aptamer-based colorimetric sensing of protein using unmodified gold nanoparticle probes. Chemical Communications, 2007, , 3735.	4.1	444
20	PdM (M = Pt, Au) Bimetallic Alloy Nanowires with Enhanced Electrocatalytic Activity for Electroâ€oxidation of Small Molecules. Advanced Materials, 2012, 24, 2326-2331.	23.6	418
21	Potassiumâ^'Lead-Switched G-Quadruplexes: A New Class of DNA Logic Gates. Journal of the American Chemical Society, 2009, 131, 15082-15083.	14.1	380
22	Nanozymes: A clear definition with fuzzy edges. Nano Today, 2021, 40, 101269.	12.0	372
23	A Lead(II)-Driven DNA Molecular Device for Turn-On Fluorescence Detection of Lead(II) Ion with High Selectivity and Sensitivity. Journal of the American Chemical Society, 2010, 132, 13156-13157.	14.1	358
24	GOx@ZIFâ€8(NiPd) Nanoflower: An Artificial Enzyme System for Tandem Catalysis. Angewandte Chemie - International Edition, 2017, 56, 16082-16085.	14.2	341
25	Recent progress in graphene-based nanomaterials as advanced electrocatalysts towards oxygen reduction reaction. Nanoscale, 2013, 5, 1753.	5.6	340
26	Lead(II)-Induced Allosteric G-Quadruplex DNAzyme as a Colorimetric and Chemiluminescence Sensor for Highly Sensitive and Selective Pb²⁺ Detection. Analytical Chemistry, 2010, 82, 1515-1520.	6.6	337
27	Oxidase-like MOF-818 Nanozyme with High Specificity for Catalysis of Catechol Oxidation. Journal of the American Chemical Society, 2020, 142, 15569-15574.	14.1	322
28	Facile preparation of water-soluble fluorescent silver nanoclusters using a polyelectrolyte template. Chemical Communications, 2008, , 1088.	4.1	306
29	Amperometric Glucose Biosensor Based on Solâ^'Gel Organicâ^'Inorganic Hybrid Material. Analytical Chemistry, 1998, 70, 3170-3174.	6.6	303
30	Graphene oxide/polypyrrole nanocomposites: one-step electrochemical doping, coating and synergistic effect for energy storage. Journal of Materials Chemistry, 2012, 22, 6300.	6.7	302
31	Electrochemical and Bioelectrochemistry Properties of Room-Temperature Ionic Liquids and Carbon Composite Materials. Analytical Chemistry, 2004, 76, 4960-4967.	6.6	291
32	Synthesis of gold nanoplates by aspartate reduction of gold chlorideElectronic supplementary information (ESI) available: Fig. S1. UV/Visible-NIR extinction spectra of an aqueous dispersion of gold nanoparticles synthesized by tyrosine (a), phenylalanine (b), lysine (c), aspartate (d) and tryptophan (e). See http://www.rsc.org/suppdata/cc/b3/b315732f/. Chemical Communications, 2004, , 1104.	4.1	288
33	Coordination-Induced Formation of Submicrometer-Scale, Monodisperse, Spherical Colloids of Organicâ^'Inorganic Hybrid Materials at Room Temperature. Journal of the American Chemical Society, 2005, 127, 13102-13103.	14.1	278
34	Impedance study of (PEO)10LiClO4â€"Al2O3 composite polymer electrolyte with blocking electrodes. Electrochimica Acta, 2001, 46, 1829-1836.	5.3	274
35	Facile preparation of amperometric laccase biosensor with multifunction based on the matrix of carbon nanotubesâ€"chitosan composite. Biosensors and Bioelectronics, 2006, 21, 2195-2201.	10.2	272
36	Recent Advances in Analytical Chemistry by 3D Printing. Analytical Chemistry, 2017, 89, 57-70.	6.6	272

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37	Bioelectrochemical Interface Engineering: Toward the Fabrication of Electrochemical Biosensors, Biofuel Cells, and Self-Powered Logic Biosensors. Accounts of Chemical Research, 2011, 44, 1232-1243.	15.7	270
38	Biomolecule-nanoparticle hybrids for electrochemical biosensors. TrAC - Trends in Analytical Chemistry, 2009, 28, 96-109.	11.7	254
39	Constructing Carbon Nanotube/Pt Nanoparticle Hybrids Using an Imidazoliumâ€Saltâ€Based Ionic Liquid as a Linker. Advanced Materials, 2010, 22, 1269-1272.	23.6	251
40	Biomolecule-stabilized Au nanoclusters as a fluorescence probe for sensitive detection of glucose. Biosensors and Bioelectronics, 2011, 26, 1965-1969.	10.2	251
41	Silverâ€Ionâ€Mediated DNAzyme Switch for the Ultrasensitive and Selective Colorimetric Detection of Aqueous Ag⁺ and Cysteine. Chemistry - A European Journal, 2009, 15, 3347-3350.	3.8	248
42	Six months of dance intervention enhances postural, sensorimotor, and cognitive performance in elderly without affecting cardio-respiratory functions. Frontiers in Aging Neuroscience, 2013, 5, 5.	3.4	244
43	Large-Scale Synthesis of Micrometer-Scale Single-Crystalline Au Plates of Nanometer Thickness by a Wet-Chemical Route. Angewandte Chemie - International Edition, 2004, 43, 6360-6363.	14.2	242
44	Design of Fluorescent Assays for Cyanide and Hydrogen Peroxide Based on the Inner Filter Effect of Metal Nanoparticles. Analytical Chemistry, 2009, 81, 1465-1470.	6.6	230
45	Glucose-oxidase like catalytic mechanism of noble metal nanozymes. Nature Communications, 2021, 12, 3375.	12.8	227
46	Analytical applications of the electrochemiluminescence of tris (2,2â€²-bipyridyl) ruthenium and its derivatives. TrAC - Trends in Analytical Chemistry, 2004, 23, 432-441.	11.7	220
47	Electrogenerated Chemiluminescence Sensors Using Ru(bpy)32+Doped in Silica Nanoparticles. Analytical Chemistry, 2006, 78, 5119-5123.	6.6	213
48	Electrogenerated Chemiluminescence from Ru(Bpy)32+Ion-Exchanged in Carbon Nanotube/Perfluorosulfonated Ionomer Composite Films. Analytical Chemistry, 2004, 76, 2683-2688.	6.6	209
49	Silver nanocluster-based fluorescent sensors for sensitive detection of Cu(ii). Journal of Materials Chemistry, 2008, 18, 4636.	6.7	209
50	Covalent Modification of a Glassy Carbon Surface by 4-Aminobenzoic Acid and Its Application in Fabrication of a Polyoxometalates-Consisting Monolayer and Multilayer Films. Langmuir, 2000, 16, 7471-7476.	3.6	202
51	One-Pot Synthesis of Fe₃O₄ Nanoparticle Loaded 3D Porous Graphene Nanocomposites with Enhanced Nanozyme Activity for Glucose Detection. ACS Applied Materials & Interfaces, 2017, 9, 7465-7471.	8.1	199
52	Facile solvothermal synthesis of cube-like Ag@AgCl: a highly efficient visible light photocatalyst. Nanoscale, 2011, 3, 2931.	5.6	194
53	Pt/Pd bimetallic nanotubes with petal-like surfaces for enhanced catalytic activity and stability towards ethanol electrooxidation. Energy and Environmental Science, 2010, 3, 1307.	31.3	191
54	Sensitive detection of cysteine based on fluorescent silver clusters. Biosensors and Bioelectronics, 2009, 24, 1569-1573.	10.2	189

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55	Porous CoP concave polyhedron electrocatalysts synthesized from metalâ€“organic frameworks with enhanced electrochemical properties for hydrogen evolution. Journal of Materials Chemistry A, 2015, 3, 21471-21477.	10.3	188
56	G-quadruplex-based DNAzyme for sensitive mercury detection with the naked eye. Chemical Communications, 2009, , 3551.	4.1	187
57	Parallel G-Quadruplex-Specific Fluorescent Probe for Monitoring DNA Structural Changes and Label-Free Detection of Potassium Ion. Analytical Chemistry, 2010, 82, 7576-7580.	6.6	185
58	In Situ Synthesis and Characterization of Multiwalled Carbon Nanotube/Au Nanoparticle Composite Materials. Journal of Physical Chemistry B, 2006, 110, 853-857.	2.6	184
59	One-pot, water-phase approach to high-quality graphene/TiO2 composite nanosheets. Chemical Communications, 2010, 46, 7148.	4.1	184
60	Detection of Hydrazine, Methylhydrazine, and Isoniazid by Capillary Electrophoresis with a Palladium-Modified Microdisk Array Electrode. Analytical Chemistry, 1996, 68, 3350-3353.	6.6	183
61	Ion-Tuned DNA/Ag Fluorescent Nanoclusters As Versatile Logic Device. ACS Nano, 2011, 5, 6334-6338.	14.9	182
62	Direct electrochemistry and electrocatalysis of horseradish peroxidase immobilized in solâ€“gel-derived ceramicâ€“carbon nanotube nanocomposite film. Biosensors and Bioelectronics, 2007, 22, 1811-1815.	10.2	179
63	Amperometric biosensors based on the immobilization of oxidases in a Prussian blue film by electrochemical codeposition. Analytica Chimica Acta, 1995, 310, 429-436.	5.4	178
64	One-step, solvothermal synthesis of graphene-CdS and graphene-ZnS quantum dot nanocomposites and their interesting photovoltaic properties. Nano Research, 2010, 3, 794-799.	10.3	178
65	Introducing Ratiometric Fluorescence to MnO₂ Nanosheet-Based Biosensing: A Simple, Label-Free Ratiometric Fluorescent Sensor Programmed by Cascade Logic Circuit for Ultrasensitive GSH Detection. ACS Applied Materials & Interfaces, 2017, 9, 25870-25877.	8.1	178
66	One-Step Preparation and Characterization of Poly(propyleneimine) Dendrimer-Protected Silver Nanoclusters. Macromolecules, 2004, 37, 7105-7108.	4.9	174
67	Fluorescent silver nanoclusters in hybridized DNA duplexes for the turn-on detection of Hg2+ ions. Chemical Communications, 2011, 47, 11065.	4.1	174
68	Surface-Enhanced Raman Scattering of 4-Aminothiophenol Self-Assembled Monolayers in Sandwich Structure with Nanoparticle Shape Dependence:â€‰ Off-Surface Plasmon Resonance Condition. Journal of Physical Chemistry C, 2007, 111, 6962-6969.	3.2	173
69	Cobalt and nitrogen-cofunctionalized graphene as a durable non-precious metal catalyst with enhanced ORR activity,. Journal of Materials Chemistry A, 2013, 1, 3593.	10.3	173
70	Synthesis and Self-Assembly of Cetyltrimethylammonium Bromide-Capped Gold Nanoparticles. Langmuir, 2003, 19, 9434-9439.	3.6	172
71	Atomic engineering of single-atom nanozymes for enzyme-like catalysis. Chemical Science, 2020, 11, 9741-9756.	7.5	172
72	Study of the electrocatalytic reduction of nitrite with silicotungstic heteropolyanion. Journal of Electroanalytical Chemistry, 1995, 385, 227-233.	3.8	170

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73	Synthesis of reduced graphene oxide-anatase TiO2 nanocomposite and its improved photo-induced charge transfer properties. Nanoscale, 2011, 3, 1640.	5.6	170
74	In situ synthesis of ultrathin metalâ€“organic framework nanosheets: a new method for 2D metal-based nanoporous carbon electrocatalysts. Journal of Materials Chemistry A, 2017, 5, 18610-18617.	10.3	170
75	One-Pot Synthesis of CdTe Nanocrystals and Shape Control of Luminescent CdTeâ€“Cystine Nanocomposites. Small, 2006, 2, 476-480.	10.9	169
76	Metal nanomaterials and carbon nanotubesâ€”synthesis, functionalization and potential applications towards electrochemistry. Journal of Materials Chemistry, 2008, 18, 1279.	6.7	169
77	High-Yield Synthesis of Large Single-Crystalline Gold Nanoplates through a Polyamine Process. Langmuir, 2005, 21, 4710-4712.	3.6	167
78	Effect of Colloidal Gold Size on the Conformational Changes of Adsorbed Cytochromec:Â Probing by Circular Dichroism, UVâ^Visible, and Infrared Spectroscopy. Biomacromolecules, 2005, 6, 46-53.	5.5	166
79	Highly ordered mesoporous carbons as electrode material for the construction of electrochemical dehydrogenase- and oxidase-based biosensors. Biosensors and Bioelectronics, 2008, 24, 442-447.	10.2	165
80	Simple and Sensitive Fluorescent and Electrochemical Trinitrotoluene Sensors Based on Aqueous Carbon Dots. Analytical Chemistry, 2015, 87, 2033-2036.	6.6	163
81	Polyaniline/Pt Hybrid Nanofibers: Highâ€Efficiency Nanoelectrocatalysts for Electrochemical Devices. Small, 2009, 5, 1869-1876.	10.9	162
82	Layer-by-Layer Self-Assembly for Constructing a Graphene/Platinum Nanoparticle Three-Dimensional Hybrid Nanostructure Using Ionic Liquid as a Linker. Langmuir, 2010, 26, 7614-7618.	3.6	161
83	Attachment of gold nanoparticles to glassy carbon electrode and its application for the direct electrochemistry and electrocatalytic behavior of hemoglobin. Biosensors and Bioelectronics, 2005, 21, 337-345.	10.2	160
84	Electrochemical Design of Ultrathin Platinum-Coated Gold Nanoparticle Monolayer Films as a Novel Nanostructured Electrocatalyst for Oxygen Reduction. Journal of Physical Chemistry B, 2004, 108, 8142-8147.	2.6	158
85	Solâ^'Gel Thin-Film Immobilized Soybean Peroxidase Biosensor for the Amperometric Determination of Hydrogen Peroxide in Acid Medium. Analytical Chemistry, 1999, 71, 1935-1939.	6.6	156
86	Turn-on fluorescent cyanide sensor based on copper ion-modified CdTe quantum dots. Analyst, The, 2009, 134, 107-113.	3.5	156
87	Cyclodextrinâ€“graphene hybrid nanosheets as enhanced sensing platform for ultrasensitive determination of carbendazim. Talanta, 2011, 84, 60-64.	5.6	156
88	Chloride chemical sensor based on an organic conducting polypyrrole polymer. Analyst, The, 1988, 113, 1525.	3.5	151
89	Solâ€“gel-derived amperometric biosensor for hydrogen peroxide based on methylene green incorporated in Nafion film. Talanta, 2000, 51, 565-572.	5.6	151
90	Triple-enzyme mimetic activity of nickelâ€“palladium hollow nanoparticles and their application in colorimetric biosensing of glucose. Chemical Communications, 2016, 52, 5410-5413.	4.1	151

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91	Enzymeâ€Free Unlabeled DNA Logic Circuits Based on Toeholdâ€Mediated Strand Displacement and Split Gâ€Quadruplex Enhanced Fluorescence. Advanced Materials, 2013, 25, 2440-2444.	23.6	148
92	SERS opens a new way in aptasensor for protein recognition with high sensitivity and selectivity. Chemical Communications, 2007, , 5220.	4.1	146
93	A General Method for the Rapid Synthesis of Hollow Metallic or Bimetallic Nanoelectrocatalysts with Urchinlike Morphology. Chemistry - A European Journal, 2008, 14, 4689-4695.	3.8	146
94	Progress in graphene-based photoactive nanocomposites as a promising class of photocatalyst. Nanoscale, 2012, 4, 5814.	5.6	145
95	Multifunctional Gâ€Quadruplex Aptamers and Their Application to Protein Detection. Chemistry - A European Journal, 2009, 15, 1036-1042.	3.8	143
96	Iodine-Induced Gold-Nanoparticle Fusion/Fragmentation/Aggregation and Iodine-Linked Nanostructured Assemblies on a Glass Substrate. Angewandte Chemie - International Edition, 2003, 42, 449-452.	14.2	142
97	Solid-State Probe Based Electrochemical Aptasensor for Cocaine: A Potentially Convenient, Sensitive, Repeatable, and Integrated Sensing Platform for Drugs. Analytical Chemistry, 2010, 82, 1556-1563.	6.6	142
98	Graphene-Based Aptamer Logic Gates and Their Application to Multiplex Detection. ACS Nano, 2012, 6, 6659-6666.	14.9	141
99	Fabrication, Characterization, and Application in SERS of Self-Assembled Polyelectrolyteâ^'Gold Nanorod Multilayered Films. Journal of Physical Chemistry B, 2005, 109, 19385-19389.	2.6	140
100	Gold/Platinum Hybrid Nanoparticles Supported on Multiwalled Carbon Nanotube/Silica Coaxial Nanocables:â€‰ Preparation and Application as Electrocatalysts for Oxygen Reduction. Journal of Physical Chemistry C, 2008, 112, 2389-2393.	3.2	140
101	G-quadruplex-based DNAzyme for facile colorimetric detection of thrombin. Chemical Communications, 2008, , 3654.	4.1	140
102	Method for Effective Immobilization of Ru(bpy)32+on an Electrode Surface for Solid-State Electrochemiluminescene Detection. Analytical Chemistry, 2005, 77, 8166-8169.	6.6	139
103	Controlled Nucleation and Growth of Surface-Confined Gold Nanoparticles on a (3-aminopropyl)trimethoxysilane-Modified Glass Slide:Â A Strategy for SPR Substrates. Analytical Chemistry, 2001, 73, 2843-2849.	6.6	137
104	One-step preparation and characterization of PDDA-protected gold nanoparticles. Polymer, 2006, 47, 763-766.	3.8	137
105	High-Efficiency and Low-Cost Hybrid Nanomaterial as Enhancing Electrocatalyst:â€‰ Spongelike Au/Pt Core/Shell Nanomaterial with Hollow Cavity. Journal of Physical Chemistry C, 2007, 111, 17104-17109.	3.2	137
106	A General Route to Construct Diverse Multifunctional Fe₃O₄/Metal Hybrid Nanostructures. Chemistry - A European Journal, 2009, 15, 2416-2424.	3.8	137
107	DNA based gold nanoparticles colorimetric sensors for sensitive and selective detection of Ag(I) ions. Analytica Chimica Acta, 2009, 644, 78-82.	5.4	137
108	Seed-mediated synthesis of branched gold nanoparticles with the assistance of citrate and their surface-enhanced Raman scattering properties. Nanotechnology, 2006, 17, 4758-4764.	2.6	136

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109	Gold nanoparticle/carbon nanotube hybrids as an enhanced material for sensitive amperometric determination of tryptophan. Electrochimica Acta, 2010, 55, 3927-3931.	5.3	135
110	Hemin functionalized graphene nanosheets-based dual biosensor platforms for hydrogen peroxide and glucose. Sensors and Actuators B: Chemical, 2011, 160, 295-300.	7.9	135
111	One-Step Synthesis and Size Control of Dendrimer-Protected Gold Nanoparticles: A Heat-Treatment-Based Strategy. Macromolecular Rapid Communications, 2003, 24, 1024-1028.	4.3	133
112	One-step synthesis and characterization of polyelectrolyte-protected gold nanoparticles through a thermal process. Polymer, 2004, 45, 2181-2184.	3.8	132
113	Aptamer-Controlled Biofuel Cells in Logic Systems and Used as Self-Powered and Intelligent Logic Aptasensors. Journal of the American Chemical Society, 2010, 132, 2172-2174.	14.1	132
114	Toxicity detection in water containing heavy metal ions with a self-powered microbial fuel cell-based biosensor. Talanta, 2017, 168, 210-216.	5.6	132
115	The characteristics of highly ordered mesoporous carbons as electrode material for electrochemical sensing as compared with carbon nanotubes. Electrochemistry Communications, 2008, 10, 859-863.	4.6	131
116	Gâ€Quadruplex Aptamers with Peroxidaseâ€Like DNAzyme Functions: Which Is the Best and How Does it Work?. Chemistry - an Asian Journal, 2009, 4, 918-922.	3.4	129
117	Layer-by-layer assembly of multilayer films composed of avidin and biotin-labeled antibody for immunosensing. Biosensors and Bioelectronics, 2003, 18, 59-67.	10.2	128
118	Atomistic Origins of Surface Defects in CH₃NH₃PbBr₃ Perovskite and Their Electronic Structures. ACS Nano, 2017, 11, 2060-2065.	14.9	128
119	TiO2 nanotube arrays: intrinsic peroxidase mimetics. Chemical Communications, 2013, 49, 10480.	4.1	126
120	Methods to study the ionic conductivity of polymeric electrolytes using a.c. impedance spectroscopy. Journal of Solid State Electrochemistry, 2001, 6, 8-15.	2.5	125
121	Ionic liquidâ€“graphene hybrid nanosheets as an enhanced material for electrochemical determination of trinitrotoluene. Biosensors and Bioelectronics, 2011, 26, 3475-3481.	10.2	125
122	Plasticizer effect on the ionic conductivity of PEO-based polymer electrolyte. Materials Chemistry and Physics, 2002, 74, 98-103.	4.0	124
123	G-Quadruplex-based DNAzyme as a sensing platform for ultrasensitive colorimetric potassium detection. Chemical Communications, 2009, , 580-582.	4.1	124
124	Self-Powered Sensor for Trace Hg²⁺ Detection. Analytical Chemistry, 2011, 83, 3968-3972.	6.6	124
125	Amperometric enzyme electrode for the determination of hydrogen peroxide based on solâ€“gel/hydrogel composite film. Analytica Chimica Acta, 2000, 407, 111-118.	5.4	123
126	In situ loading of well-dispersed gold nanoparticles on two-dimensional graphene oxide/SiO2 composite nanosheets and their catalytic properties. Nanoscale, 2012, 4, 1641.	5.6	123

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127	The application of chemically modified electrodes in analytical chemistry. Electroanalysis, 1989, 1, 99-106.	3.0	121
128	Direct electrochemistry of hemoglobin in eggâ€“phosphatidylcholine films and its catalysis to H2O2. Biosensors and Bioelectronics, 2002, 17, 741-746.	10.2	120
129	Colloid Chemical Approach to Nanoelectrode Ensembles with Highly Controllable Active Area Fraction. Analytical Chemistry, 2002, 74, 3599-3604.	6.6	119
130	Ultralong Pt-on-Pd bimetallic nanowires with nanoporous surface: nanodendritic structure for enhanced electrocatalytic activity. Chemical Communications, 2010, 46, 1869-1871.	4.1	119
131	Graphene and its derivative-based sensing materials for analytical devices. Journal of Materials Chemistry, 2011, 21, 18503.	6.7	118
132	An integrated sensing system for detection of DNA using new parallel-motif DNA triplex system and grapheneâ€“mesoporous silicaâ€“gold nanoparticle hybrids. Biomaterials, 2011, 32, 8584-8592.	11.5	118
133	DNAâ€“Ag nanoclusters as fluorescence probe for turn-on aptamer sensor of small molecules. Biosensors and Bioelectronics, 2011, 28, 33-37.	10.2	118
134	One-step electrochemical approach to the synthesis of Graphene/MnO2 nanowall hybrids. Nano Research, 2011, 4, 648-657.	10.3	118
135	Organically Modified Sol-Gel/Chitosan Composite Based Glucose Biosensor. Electroanalysis, 2003, 15, 608-612.	3.0	117
136	Sensitive detection of protein by an aptamer-based label-free fluorescing molecular switch. Chemical Communications, 2007, , 73-75.	4.1	117
137	Amplified electrochemical aptasensor taking AuNPs based sandwich sensing platform as a model. Biosensors and Bioelectronics, 2008, 23, 965-970.	10.2	117
138	Small-size biofuel cell on paper. Biosensors and Bioelectronics, 2012, 35, 155-159.	10.2	117
139	Graphitic Carbon Nitride (g-C₃N₄)-Derived Bamboo-Like Carbon Nanotubes/Co Nanoparticles Hybrids for Highly Efficient Electrocatalytic Oxygen Reduction. ACS Applied Materials & Interfaces, 2020, 12, 4463-4472.	8.1	117
140	Bifunctional Nanostructure of Magnetic Core Luminescent Shell and Its Application as Solid-State Electrochemiluminescence Sensor Material. Journal of Physical Chemistry B, 2007, 111, 10448-10452.	2.6	116
141	Label-free, regenerative and sensitive surface plasmon resonance and electrochemical aptasensors based on graphene. Chemical Communications, 2011, 47, 7794.	4.1	115
142	A general route to transform normal hydrophilic cloths into superhydrophobic surfaces. Chemical Communications, 2007, , 1849.	4.1	114
143	Ultrathin Pd nanowire as a highly active electrode material for sensitive and selective detection of ascorbic acid. Biosensors and Bioelectronics, 2010, 26, 1056-1061.	10.2	114
144	Surface-Enhanced Raman Scattering Studies on Aggregated Silver Nanoplates in Aqueous Solution. Journal of Physical Chemistry B, 2006, 110, 21545-21550.	2.6	113

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145	Electrochemical Growth and Characterization of Polyoxometalate-Containing Monolayers and Multilayers on Alkanethiol Monolayers Self-Assembled on Gold Electrodes. Chemistry of Materials, 1999, 11, 1465-1475.	6.8	112
146	Large scale, templateless, surfactantless route to rapid synthesis of uniform poly(o-phenylenediamine) nanobelts. Chemical Communications, 2004, , 1182.	4.1	112
147	Recent advances in spectroelectrochemistry. Nanoscale, 2018, 10, 3089-3111.	5.6	112
148	Direct electrochemistry and electrocatalysis of horseradish peroxidase immobilized in Nafion-RTIL composite film. Electrochemistry Communications, 2007, 9, 469-474.	4.6	111
149	Sensing H2O2 with layer-by-layer assembled Fe3O4â€“PDDA nanocomposite film. Electrochemistry Communications, 2008, 10, 1524-1526.	4.6	111
150	Ordered magnetic coreâ€“manganese oxide shell nanostructures and their application in water treatment. Journal of Materials Chemistry, 2009, 19, 7030.	6.7	111
151	Gold nanowire assembling architecture for H2O2 electrochemical sensor. Talanta, 2009, 77, 1510-1517.	5.6	111
152	Prussian blue with intrinsic heme-like structure as peroxidase mimic. Nano Research, 2018, 11, 4905-4913.	10.3	111
153	Specific Nanodrug for Diabetic Chronic Wounds Based on Antioxidase-Mimicking MOF-818 Nanozymes. Journal of the American Chemical Society, 2022, 144, 23438-23447.	14.1	111
154	Bio-inspired nanozyme: a hydratase mimic in a zeolitic imidazolate framework. Nanoscale, 2019, 11, 5960-5966.	5.6	110
155	Gold Nanoparticles as Fine Tuners of Electrochemical Properties of the Electrode/Solution Interface. Langmuir, 2002, 18, 9947-9952.	3.6	109
156	Surfactantless Synthesis of Multiple Shapes of Gold Nanostructures and Their Shape-Dependent SERS Spectroscopy. Journal of Physical Chemistry B, 2006, 110, 16930-16936.	2.6	109
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