Xiaoxiao He

List of Publications by Year in descending order

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139 papers	6,419 citations	66250 44 h-index	90395 73 g-index
140 all docs	140 docs citations	140 times ranked	9382 citing authors

#	Article	IF	Citations
1	A pyrene-pyridyl nanooligomer as a methoxy-triggered reactive probe for highly specific fluorescence assaying of hypochlorite. Chemical Communications, 2022, , .	2.2	1
2	Membrane Protein and Extracellular Acid Heterogeneity-Driven Amplified DNA Logic Gate Enables Accurate and Sensitive Identification of Cancer Cells. Analytical Chemistry, 2022, 94, 2502-2509.	3.2	23
3	Utilization of metal or non-metal-based functional materials as efficient composites in cancer therapies. RSC Advances, 2022, 12, 6540-6551.	1.7	2
4	A Selfâ€Servicedâ€Track 3D DNA Walker for Ultrasensitive Detection of Tumor Exosomes by Glycoprotein Profiling. Angewandte Chemie, 2022, 134, .	1.6	6
5	A Selfâ€Servicedâ€Track 3D DNA Walker for Ultrasensitive Detection of Tumor Exosomes by Glycoprotein Profiling. Angewandte Chemie - International Edition, 2022, 61, .	7.2	37
6	Activatable Dual Cancer-Related RNA Imaging and Combined Gene-Chemotherapy through the Target-Induced Intracellular Disassembly of Functionalized DNA Tetrahedron. Analytical Chemistry, 2022, 94, 5937-5945.	3.2	10
7	Metal-organic framework-based hydrogel with structurally dynamic properties as a stimuli-responsive localized drug delivery system for cancer therapy. Acta Biomaterialia, 2022, 145, 43-51.	4.1	38
8	A label-free cyclic amplification strategy for microRNA detection by coupling graphene oxide-controlled adsorption with superlong poly(thymine)-hosted fluorescent copper nanoparticles. Talanta, 2022, 243, 123323.	2.9	5
9	Acidic microenvironment triggered in situ assembly of activatable three-arm aptamer nanoclaw for contrast-enhanced imaging and tumor growth inhibition in vivo. Theranostics, 2022, 12, 3474-3487.	4.6	4
10	An endogenous stimulus detonated nanocluster-bomb for contrast-enhanced cancer imaging and combination therapy. Chemical Science, 2021, 12, 12118-12129.	3.7	7
11	Giant Coacervate Vesicles As an Integrated Approach to Cytomimetic Modeling. Journal of the American Chemical Society, 2021, 143, 2866-2874.	6.6	82
12	In Situ Modulating DNAzyme Activity and Internalization Behavior with Acid-Initiated Reconfigurable DNA Nanodevice for Activatable Theranostic. Analytical Chemistry, 2021, 93, 5629-5634.	3.2	7
13	NIR-Controlled Treatment of Multidrug-Resistant Tumor Cells by Mesoporous Silica Capsules Containing Gold Nanorods and Doxorubicin. ACS Applied Materials & Interfaces, 2021, 13, 14894-14910.	4.0	19
14	Enzymatic Behavior Regulation-Based Colorimetric and Electrochemiluminescence Sensing of Phosphate Using the Cobalt Oxyhydroxide Nanosheet. Analytical Chemistry, 2021, 93, 6770-6778.	3.2	25
15	In Situ Hand-in-Hand DNA Tile Assembly: A pH-Driven and Aptamer-Targeted DNA Nanostructure for TK1 mRNA Visualization and Synergetic Killing of Cancer Cells. Analytical Chemistry, 2021, 93, 10511-10518.	3.2	15
16	A label-free and homogenous electrochemical assay for matrix metalloproteinase 2 activity monitoring in complex samples based on electrodes modified with orderly distributed mesoporous silica films. Talanta, 2021, 231, 122418.	2.9	6
17	Lanthanide-Bisphosphonate Coordination Chemistry: Biocompatible Fluorescent Labeling Strategy for Hydrogel. ACS Applied Bio Materials, 2021, 4, 1057-1064.	2.3	8
18	Engineering a Facile Aptamer â€œMolecule-Doctorâ€•with Hairpin-Contained I-Motif Enables Accurate Imaging and Killing of Cancer Cells. Analytical Chemistry, 2021, 93, 14552-14559.	3.2	10

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19	Enzyme-mediated nitric oxide production in vasoactive erythrocyte membrane-enclosed coacervate protocells. Nature Chemistry, 2020, 12, 1165-1173.	6.6	101
20	A Mimosa-Inspired Cell-Surface-Anchored Ratiometric DNA Nanosensor for High-Resolution and Sensitive Response of Target Tumor Extracellular pH. Analytical Chemistry, 2020, 92, 15104-15111.	3.2	24
21	A three-dimensional multipedal DNA walker for the ultrasensitive detection of tumor exosomes. Chemical Communications, 2020, 56, 12949-12952.	2.2	27
22	Extracellular pH-manipulated in situ reconfiguration of aptamer functionalized DNA monomer enables specifically improved affinity, detection and drug delivery. Analyst, The, 2020, 145, 2562-2569.	1.7	9
23	Self-Assembled DNA Nanostructures-Based Nanocarriers Enabled Functional Nucleic Acids Delivery. ACS Applied Bio Materials, 2020, 3, 2779-2795.	2.3	21
24	Recognition-Driven Remodeling of Dual-Split Aptamer Triggering In Situ Hybridization Chain Reaction for Activatable and Autonomous Identification of Cancer Cells. Analytical Chemistry, 2020, 92, 10839-10846.	3.2	34
25	Beyond native deoxyribonucleic acid, templating fluorescent nanomaterials for bioanalytical applications: A review. Analytica Chimica Acta, 2020, 1105, 11-27.	2.6	23
26	Mesoporous Silica Containers and Programmed Catalytic Hairpin Assembly/Hybridization Chain Reaction Based Electrochemical Sensing Platform for MicroRNA Ultrasensitive Detection with Low Background. Analytical Chemistry, 2019, 91, 10672-10678.	3.2	68
27	Colorimetric and fluorescent dual-mode detection of microRNA based on duplex-specific nuclease assisted gold nanoparticle amplification. Analyst, The, 2019, 144, 4917-4924.	1.7	54
28	A hybridization-triggered DNAzyme cascade assay for enzyme-free amplified fluorescence detection of nucleic acids. Analyst, The, 2019, 144, 143-147.	1.7	9
29	Aptamer-Functionalized Activatable DNA Tetrahedron Nanoprobe for PIWI-Interacting RNA Imaging and Regulating in Cancer Cells. Analytical Chemistry, 2019, 91, 15107-15113.	3.2	27
30	Single-stranded DNA designed lipophilic G-quadruplexes as transmembrane channels for switchable potassium transport. Chemical Communications, 2019, 55, 12004-12007.	2.2	11
31	I-Motif-Based in Situ Bipedal Hybridization Chain Reaction for Specific Activatable Imaging and Enhanced Delivery of Antisense Oligonucleotides. Analytical Chemistry, 2019, 91, 12538-12545.	3.2	19
32	Total internal reflection-based single-vesicle in situ quantitative and stoichiometric analysis of tumor-derived exosomal microRNAs for diagnosis and treatment monitoring. Theranostics, 2019, 9, 4494-4507.	4.6	77
33	A Simple, pH-Activatable Fluorescent Aptamer Probe with Ultralow Background for Bispecific Tumor Imaging. Analytical Chemistry, 2019, 91, 9154-9160.	3.2	34
34	One-pot synthesized Cu/Au/Pt trimetallic nanoparticles as a novel enzyme mimic for biosensing applications. RSC Advances, 2019, 9, 14982-14989.	1.7	16
35	Progress in biosensor based on DNA-templated copper nanoparticles. Biosensors and Bioelectronics, 2019, 137, 96-109.	5.3	82
36	Rapid synthesis of Au/Ag bimetallic nanoclusters with highly biochemical stability and its applications for temperature and ratiometric pH sensing. Analytica Chimica Acta, 2019, 1070, 88-96.	2.6	27

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37	Terminal deoxynucleotidyl transferase-initiated molecule beacons arrayed aptamer probe for sensitive detection of metastatic colorectal cancer cells. Talanta, 2019, 202, 152-158.	2.9	10
38	A novel fluorescent nanosensor based on small-sized conjugated polyelectrolyte dots for ultrasensitive detection of phytic acid. Talanta, 2019, 202, 214-220.	2.9	11
39	Molecular-Recognition-Based DNA Nanodevices for Enhancing the Direct Visualization and Quantification of Single Vesicles of Tumor Exosomes in Plasma Microsamples. Analytical Chemistry, 2019, 91, 2768-2775.	3.2	69
40	Exosomes: Isolation, Analysis, and Applications in Cancer Detection and Therapy. ChemBioChem, 2019, 20, 451-461.	1.3	92
41	Facile combination of beta-cyclodextrin host-guest recognition with exonuclease-assistant signal amplification for sensitive electrochemical assay of ochratoxin A. Biosensors and Bioelectronics, 2019, 124-125, 82-88.	5.3	24
42	Label-free and sensitive microRNA detection based on a target recycling amplification-integrated superlong poly(thymine)-hosted copper nanoparticle strategy. Analytica Chimica Acta, 2018, 1010, 54-61.	2.6	33
43	An ion quencher operated lamp for multiplexed fluorescent bioassays. Analytical and Bioanalytical Chemistry, 2018, 410, 1427-1434.	1.9	1
44	Hairpin-Contained i-Motif Based Fluorescent Ratiometric Probe for High-Resolution and Sensitive Response of Small pH Variations. Analytical Chemistry, 2018, 90, 1889-1896.	3.2	58
45	Electrochemical strategy for pyrophosphatase detection Based on the peroxidase-like activity of G-quadruplex-Cu2+ DNAzyme. Talanta, 2018, 178, 491-497.	2.9	22
46	Liveâ€Cell MicroRNA Imaging through MnO₂ Nanosheetâ€Mediated DDâ€A Hybridization Chain Reaction. ChemBioChem, 2018, 19, 147-152.	1.3	20
47	Low Background Cascade Signal Amplification Electrochemical Sensing Platform for Tumor-Related mRNA Quantification by Target-Activated Hybridization Chain Reaction and Electroactive Cargo Release. Analytical Chemistry, 2018, 90, 12544-12552.	3.2	47
48	Ipatasertib, a novel Akt inhibitor, induces transcription factor FoxO3a and NF-ÎºB directly regulates PUMA-dependent apoptosis. Cell Death and Disease, 2018, 9, 911.	2.7	50
49	DNA-Functionalized Hollow Mesoporous Silica Nanoparticles with Dual Cargo Loading for Near-Infrared-Responsive Synergistic Chemo-Photothermal Treatment of Cancer Cells. ACS Applied Nano Materials, 2018, 1, 3486-3497.	2.4	44
50	A zeolitic imidazolate framework-8-based indocyanine green theranostic agent for infrared fluorescence imaging and photothermal therapy. Journal of Materials Chemistry B, 2018, 6, 3914-3921.	2.9	48
51	Ultra-pH-responsive split i-motif based aptamer anchoring strategy for specific activatable imaging of acidic tumor microenvironment. Chemical Communications, 2018, 54, 10288-10291.	2.2	33
52	DNA nanotriangle-scaffolded activatable aptamer probe with ultralow background and robust stability for cancer theranostics. Theranostics, 2018, 8, 4062-4071.	4.6	40
53	Synthesis of a core/satellite-like multifunctional nanocarrier for pH- and NIR-triggered intracellular chemothermal therapy and tumor imaging. RSC Advances, 2017, 7, 7742-7752.	1.7	13
54	A versatile stimulus-responsive metalâ€“organic framework for size/morphology tunable hollow mesoporous silica and pH-triggered drug delivery. Journal of Materials Chemistry B, 2017, 5, 2126-2132.	2.9	75

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55	Polyvalent and Thermosensitive DNA Nanoensembles for Cancer Cell Detection and Manipulation. Analytical Chemistry, 2017, 89, 6637-6644.	3.2	29
56	Gold Nanoparticle Based Hairpin-Locked-DNAzyme Probe for Amplified miRNA Imaging in Living Cells. Analytical Chemistry, 2017, 89, 5850-5856.	3.2	124
57	A metalâ€“organic framework based nanocomposite with co-encapsulation of Pd@Au nanoparticles and doxorubicin for pH- and NIR-triggered synergistic chemo-photothermal treatment of cancer cells. Journal of Materials Chemistry B, 2017, 5, 4648-4659.	2.9	44
58	Highly Fe³⁺-Selective Fluorescent Nanoprobe Based on Ultrabright N/P Codoped Carbon Dots and Its Application in Biological Samples. Analytical Chemistry, 2017, 89, 7477-7484.	3.2	277
59	A bispyrene/AgNP-based ratiometric nanoprobe for supersensitive fluorescence and colorimetric sensing of etimicin. Analytical Methods, 2017, 9, 3845-3851.	1.3	4
60	Label-free and sensitive assay for deoxyribonuclease I activity based on enzymatically-polymerized superlong poly(thymine)-hosted fluorescent copper nanoparticles. Talanta, 2017, 169, 57-63.	2.9	34
61	Dumbbell DNA-templated CuNPs as a nano-fluorescent probe for detection of enzymes involved in ligase-mediated DNA repair. Biosensors and Bioelectronics, 2017, 94, 456-463.	5.3	40
62	Scallop-Inspired DNA Nanomachine: A Ratiometric Nanothermometer for Intracellular Temperature Sensing. Analytical Chemistry, 2017, 89, 12115-12122.	3.2	48
63	Temperature-responsive split aptamers coupled with polymerase chain reaction for label-free and sensitive detection of cancer cells. Chemical Communications, 2017, 53, 11889-11892.	2.2	26
64	A selective nanosensor for ultrafast detection of Cu²⁺ions based on C5 DNA-templated gold nanoclusters and Fenton-like reaction. Analytical Methods, 2017, 9, 6222-6227.	1.3	8
65	Label-Free Homogeneous Electrochemical Sensing Platform for Protein Kinase Assay Based on Carboxypeptidase Y-Assisted Peptide Cleavage and Vertically Ordered Mesoporous Silica Films. Analytical Chemistry, 2017, 89, 9062-9068.	3.2	42
66	DNA tetrahedron nanostructures for biological applications: biosensors and drug delivery. Analyst, The, 2017, 142, 3322-3332.	1.7	115
67	Facile fabrication of a resveratrol loaded phospholipid@reduced graphene oxide nanoassembly for targeted and near-infrared laser-triggered chemo/photothermal synergistic therapy of cancer in vivo. Journal of Materials Chemistry B, 2017, 5, 5783-5792.	2.9	31
68	Electrochemical detection of glutathione by using thymine-rich DNA-gated switch functionalized mesoporous silica nanoparticles. Biosensors and Bioelectronics, 2017, 87, 459-465.	5.3	40
69	Triple-helix molecular switch-induced hybridization chain reaction amplification for developing a universal and sensitive electrochemical aptasensor. RSC Advances, 2016, 6, 90310-90317.	1.7	13
70	Single-layer MnO₂ nanosheet quenched fluorescence ruthenium complexes for sensitive detection of ferrous iron. RSC Advances, 2016, 6, 79204-79208.	1.7	18
71	Oligonucleotide-templated rapid formation of fluorescent gold nanoclusters and its application for Hg2+ ions sensing. Talanta, 2016, 161, 170-176.	2.9	22
72	Synthesis of Hollow Mesoporous Silica Nanorods with Controllable Aspect Ratios for Intracellular Triggered Drug Release in Cancer Cells. ACS Applied Materials & Interfaces, 2016, 8, 20558-20569.	4.0	31

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73	Nature-Inspired Smart DNA Nanodoctor for Activatable In Vivo Cancer Imaging and In Situ Drug Release Based on Recognition-Triggered Assembly of Split Aptamer. Analytical Chemistry, 2016, 88, 11699-11706.	3.2	52
74	Vertically Ordered Mesoporous Silica Film-Assisted Label-Free and Universal Electrochemiluminescence Aptasensor Platform. Analytical Chemistry, 2016, 88, 11707-11713.	3.2	45
75	Label-Free Carbon-Dots-Based Ratiometric Fluorescence pH Nanoprobes for Intracellular pH Sensing. Analytical Chemistry, 2016, 88, 7837-7843.	3.2	253
76	A ratiometric nanosensor based on conjugated polyelectrolyte-stabilized AgNPs for ultrasensitive fluorescent and colorimetric sensing of melamine. Talanta, 2016, 151, 68-74.	2.9	37
77	In situ formation of fluorescent copper nanoparticles for ultrafast zero-background Cu 2+ detection and its toxicides screening. Biosensors and Bioelectronics, 2016, 78, 471-476.	5.3	87
78	Alizarin Complexone Functionalized Mesoporous Silica Nanoparticles: A Smart System Integrating Glucose-Responsive Double-Drugs Release and Real-Time Monitoring Capabilities. ACS Applied Materials & Interfaces, 2016, 8, 8358-8366.	4.0	50
79	Nucleic acid tool enzymes-aided signal amplification strategy for biochemical analysis: status and challenges. Analytical and Bioanalytical Chemistry, 2016, 408, 2793-2811.	1.9	37
80	Cuâ€“Au alloy nanostructures coated with aptamers: a simple, stable and highly effective platform for in vivo cancer theranostics. Nanoscale, 2016, 8, 2260-2267.	2.8	27
81	Tumor cell-specific split aptamers: target-driven and temperature-controlled self-assembly on the living cell surface. Chemical Communications, 2016, 52, 1482-1485.	2.2	22
82	Electrochemical sensor for glutathione detection based on mercury ion triggered hybridization chain reaction signal amplification. Biosensors and Bioelectronics, 2016, 77, 914-920.	5.3	69
83	Glutathione-Mediated Degradation of Surface-Capped MnO₂for Drug Release from Mesoporous Silica Nanoparticles to Cancer Cells. Particle and Particle Systems Characterization, 2015, 32, 205-212.	1.2	46
84	Ionic liquid-assisted formation of lanthanide metal-organic framework nano/microrods for superefficient removal of Congo red. Chemical Research in Chinese Universities, 2015, 31, 899-903.	1.3	15
85	Poly(thymine)-Templated Copper Nanoparticles as a Fluorescent Indicator for Hydrogen Peroxide and Oxidase-Based Biosensing. Analytical Chemistry, 2015, 87, 7454-7460.	3.2	102
86	Iodide-Responsive Cuâ€“Au Nanoparticle-Based Colorimetric Platform for Ultrasensitive Detection of Target Cancer Cells. Analytical Chemistry, 2015, 87, 7141-7147.	3.2	75
87	Environmental factors shaping the abundance and distribution of laccase-encoding bacterial community with potential phenolic oxidase capacity during composting. Applied Microbiology and Biotechnology, 2015, 99, 9191-9201.	1.7	11
88	A highly sensitive electrochemiluminescence assay for protein kinase based on double-quenching of graphene quantum dots by G-quadruplexâ€“hemin and gold nanoparticles. Biosensors and Bioelectronics, 2015, 70, 54-60.	5.3	60
89	Aptamer/target binding-induced triple helix forming for signal-on electrochemical biosensing. Talanta, 2015, 143, 381-387.	2.9	17
90	Programmed packaging of mesoporous silica nanocarriers for matrix metalloprotease 2-triggered tumor targeting and release. Biomaterials, 2015, 58, 35-45.	5.7	88

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91	Single strand DNA functionalized single wall carbon nanotubes as sensitive electrochemical labels for arsenite detection. Talanta, 2015, 141, 122-127.	2.9	26
92	Efficiency of biochar and compost (or composting) combined amendments for reducing Cd, Cu, Zn and Pb bioavailability, mobility and ecological risk in wetland soil. RSC Advances, 2015, 5, 34541-34548.	1.7	134
93	A reversible molecule-gated system using mesoporous silica nanoparticles functionalized with K⁺-stabilized G-rich quadruplex DNA. RSC Advances, 2015, 5, 84553-84559.	1.7	3
94	Colorimetric detection of hydrogen peroxide and glucose using the magnetic mesoporous silica nanoparticles. Talanta, 2015, 134, 712-717.	2.9	64
95	Conjugated polyelectrolyte-stabilized silver nanoparticles coupled with pyrene derivative for ultrasensitive fluorescent detection of iodide. Talanta, 2015, 131, 678-683.	2.9	21
96	dsDNA-templated fluorescent copper nanoparticles: poly(AT-TA)-dependent formation. RSC Advances, 2014, 4, 61092-61095.	1.7	52
97	Locked nucleic acid/DNA chimeric aptamer probe for tumor diagnosis with improved serum stability and extended imaging window in vivo. Analytica Chimica Acta, 2014, 812, 138-144.	2.6	45
98	Combined removal of di(2-ethylhexyl)phthalate (DEHP) and Pb(<scp>ii</scp>) by using a cutinase loaded nanoporous gold-polyethyleneimine adsorbent. RSC Advances, 2014, 4, 55511-55518.	1.7	47
99	Photocatalytic degradation of phenol by the heterogeneous Fe₃O₄ nanoparticles and oxalate complex system. RSC Advances, 2014, 4, 40828-40836.	1.7	27
100	A signal on aptamer-based electrochemical sensing platform using a triple-helix molecular switch. Analytical Methods, 2014, 6, 6294-6300.	1.3	14
101	Single-Walled Carbon Nanotubes (SWCNTs)-Assisted Cell-Systematic Evolution of Ligands by Exponential Enrichment (Cell-SELEX) for Improving Screening Efficiency. Analytical Chemistry, 2014, 86, 9466-9472.	3.2	28
102	The adenine DNA self-assembly of pH- and near-infrared-responsive gold nanorod vehicles for the chemothermal treatment of cancer cells. Journal of Materials Chemistry B, 2014, 2, 3204.	2.9	20
103	A Versatile Activatable Fluorescence Probing Platform for Cancer Cells in Vitro and in Vivo Based on Self-Assembled Aptamer/Carbon Nanotube Ensembles. Analytical Chemistry, 2014, 86, 9271-9277.	3.2	70
104	Design and bioanalytical applications of DNA hairpin-based fluorescent probes. TrAC - Trends in Analytical Chemistry, 2014, 53, 11-20.	5.8	39
105	Ligation-rolling circle amplification combined with Î³-cyclodextrin mediated stemless molecular beacon for sensitive and specific genotyping of single-nucleotide polymorphism. Talanta, 2014, 125, 306-312.	2.9	17
106	Amplified electrochemical detection of protein kinase activity based on gold nanoparticles/multi-walled carbon nanotubes nanohybrids. Talanta, 2014, 129, 328-335.	2.9	39
107	Label-Free and Turn-on Aptamer Strategy for Cancer Cells Detection Based on a DNAâ€“Silver Nanocluster Fluorescence upon Recognition-Induced Hybridization. Analytical Chemistry, 2013, 85, 12011-12019.	3.2	173
108	A highly selective sandwich-type FRET assay for ATP detection based on silica coated photon upconverting nanoparticles and split aptamer. Talanta, 2013, 111, 105-110.	2.9	41

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109	Recent advances in fluorescent nucleic acid probes for living cell studies. Analyst, The, 2013, 138, 62-71.	1.7	62
110	Rapid and ultrasensitive Salmonella Typhimurium quantification using positive dielectrophoresis driven on-line enrichment and fluorescent nanoparticleslabel. Biosensors and Bioelectronics, 2013, 42, 460-466.	5.3	35
111	Fluorescence Resonance Energy Transfer Mediated Large Stokes Shifting Near-Infrared Fluorescent Silica Nanoparticles for in Vivo Small-Animal Imaging. Analytical Chemistry, 2012, 84, 9056-9064.	3.2	62
112	Colorimetric multiplexed analysis of mercury and silver ions by using a unimolecular DNA probe and unmodified gold nanoparticles. Analytical Methods, 2012, 4, 3320.	1.3	31
113	Engineering a unimolecular multifunctional DNA probe for analysis of Hg2+ and Ag+. Analytical Methods, 2012, 4, 345.	1.3	21
114	Reversible stimuli-responsive controlled release using mesoporous silica nanoparticles functionalized with a smart DNA molecule-gated switch. Journal of Materials Chemistry, 2012, 22, 14715.	6.7	30
115	Combining physical embedding and covalent bonding for stable encapsulation of quantum dots into agarose hydrogels. Journal of Materials Chemistry, 2012, 22, 495-501.	6.7	24
116	ATP-Responsive Controlled Release System Using Aptamer-Functionalized Mesoporous Silica Nanoparticles. Langmuir, 2012, 28, 12909-12915.	1.6	147
117	A Photonâ€Fueled Gateâ€Like Delivery System Using iâ€Motif DNA Functionalized Mesoporous Silica Nanoparticles. Advanced Functional Materials, 2012, 22, 4704-4710.	7.8	72
118	TiO2/MWNTs nanocomposites-based electrochemical strategy for label-free assay of casein kinase II activity and inhibition. Biosensors and Bioelectronics, 2012, 35, 134-139.	5.3	15
119	Rapid and ultrasensitive E. coli O157:H7 quantitation by combination of ligandmagnetic nanoparticles enrichment with fluorescent nanoparticles based two-color flow cytometry. Analyst, The, 2011, 136, 4183.	1.7	23
120	Activatable aptamer probe for contrast-enhanced in vivo cancer imaging based on cell membrane protein-triggered conformation alteration. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3900-3905.	3.3	283
121	Electrochemical detection of nicotinamide adenine dinucleotide based on molecular beacon-like DNA and E. coli DNA ligase. Talanta, 2011, 83, 937-942.	2.9	18
122	One-pot synthesis of sustained-released doxorubicin silica nanoparticles for aptamer targeted delivery to tumor cells. Nanoscale, 2011, 3, 2936.	2.8	40
123	A sensitive signal-on electrochemical assay for MTase activity using AuNPs amplification. Biosensors and Bioelectronics, 2011, 28, 298-303.	5.3	82
124	Fluorescent nanoparticles for chemical and biological sensing. Science China Chemistry, 2011, 54, 1157-1176.	4.2	40
125	Competition-Mediated Pyrene-Switching Aptasensor: Probing Lysozyme in Human Serum with a Monomer-Excimer Fluorescence Switch. Analytical Chemistry, 2010, 82, 10158-10163.	3.2	70
126	Chemical-Modification-Enhanced Dielectrophoretic Assembly of Controllable and Reversible Silica Submicrowires from Nanoparticles. Langmuir, 2010, 26, 15155-15160.	1.6	6

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127	Methylene blue-encapsulated phosphonate-terminated silica nanoparticles for simultaneous in vivo imaging and photodynamic therapy. Biomaterials, 2009, 30, 5601-5609.	5.7	204
128	Study on the specific interaction between angiogenin and aptamer by atomic force microscopy (AFM). Science Bulletin, 2008, 53, 198-203.	1.7	7
129	In Vivo Study of Biodistribution and Urinary Excretion of Surface-Modified Silica Nanoparticles. Analytical Chemistry, 2008, 80, 9597-9603.	3.2	321
130	Preparation of PEGylated Paclitaxel Liposomes and Tissue Distribution Study in Mice. , 2007, , .		0
131	Study on the Cytochrome C Separation Based on Silica Coated Magnetic Nanoparticles. , 2007, , .		0
132	Preparation of luminescent Cy5 doped core-shell SFNPs and its application as a near-infrared fluorescent marker. Talanta, 2007, 72, 1519-1526.	2.9	56
133	Research of the relationship of intracellular acidification and apoptosis in Hela cells based on pH nanosensors. Science in China Series B: Chemistry, 2007, 50, 258-265.	0.8	10
134	A Novel Fluorescent Label Based on Organic Dye-Doped Silica Nanoparticles for HepG Liver Cancer Cell Recognition. Journal of Nanoscience and Nanotechnology, 2004, 4, 585-589.	0.9	89
135	Au nanochannels technique and its application in immunoassay. Science Bulletin, 2004, 49, 1920-1922.	1.7	11
136	A novel gene carrier based on amino-modified silica nanoparticles. Science Bulletin, 2003, 48, 223-228.	1.7	16
137	A Novel DNAâ€Enrichment Technology Based on Aminoâ€Modified Functionalized Silica Nanoparticles. Journal of Dispersion Science and Technology, 2003, 24, 633-640.	1.3	16
138	Photostable Luminescent Nanoparticles as Biological Label for Cell Recognition of System Lupus Erythematosus Patients. Journal of Nanoscience and Nanotechnology, 2002, 2, 317-320.	0.9	32
139	A novel fluorescent label based on biological fluorescent nanoparticles and its application in cell recognition. Science Bulletin, 2001, 46, 1962-1965.	1.7	14