

Zhou Nie

List of Publications by Year in descending order

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118
papers

4,872
citations

81434

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120465

65
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121
all docs

121
docs citations

121
times ranked

5801
citing authors

#	ARTICLE	IF	CITATIONS
1	A Biomimetic Approach for Spatially Controlled Cell Membrane Engineering Using Fusogenic Spherical Nucleic Acid. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	19
2	PAM-less conditional DNA substrates leverage trans-cleavage of CRISPR-Cas12a for versatile live-cell biosensing. <i>Chemical Science</i> , 2022, 13, 2011-2020.	3.7	35
3	Integration of electrochemical interface and cell-free synthetic biology for biosensing. <i>Journal of Electroanalytical Chemistry</i> , 2022, 911, 116209.	1.9	6
4	Advances in Designer DNA Nanorobots Enabling Programmable Functions. <i>ChemBioChem</i> , 2022, 23, .	1.3	12
5	A switchable Cas12a enabling CRISPR-based direct histone deacetylase activity detection. <i>Biosensors and Bioelectronics</i> , 2022, 213, 114468.	5.3	12
6	Visualization of Deep Tissue G-quadruplexes with a Novel Large Stokes-Shifted Red Fluorescent Benzothiazole Derivative. <i>Analytical Chemistry</i> , 2022, 94, 10283-10290.	3.2	15
7	Kinetics Accelerated CRISPR-Cas12a Enabling Live-Cell Monitoring of Mn ²⁺ Homeostasis. <i>Analytical Chemistry</i> , 2022, 94, 10159-10167.	3.2	12
8	Scan and Unlock: A Programmable DNA Molecular Automaton for Cell-Selective Activation of Ligand-Based Signaling. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6733-6743.	7.2	43
9	Scan and Unlock: A Programmable DNA Molecular Automaton for Cell-Selective Activation of Ligand-Based Signaling. <i>Angewandte Chemie</i> , 2021, 133, 6807-6817.	1.6	17
10	A ligation-driven CRISPR-Cas biosensing platform for non-nucleic acid target detections. <i>Chemical Communications</i> , 2021, 57, 7051-7054.	2.2	22
11	Modular Combination of Proteolysis-Responsive Transcription and Spherical Nucleic Acids for Smartphone-Based Colorimetric Detection of Protease Biomarkers. <i>Analytical Chemistry</i> , 2021, 93, 3517-3525.	3.2	23
12	Advances in the Integration of Nucleic Acid Nanotechnology into CRISPR-Cas System. <i>Journal of Analysis and Testing</i> , 2021, 5, 130-141.	2.5	14
13	Near-infrared light-controllable MXene hydrogel for tunable on-demand release of therapeutic proteins. <i>Acta Biomaterialia</i> , 2021, 130, 138-148.	4.1	36
14	A DNA Molecular Robot that Autonomously Walks on the Cell Membrane to Drive Cell Motility. <i>Angewandte Chemie</i> , 2021, 133, 26291-26299.	1.6	7
15	A DNA Molecular Robot that Autonomously Walks on the Cell Membrane to Drive Cell Motility. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26087-26095.	7.2	46
16	Amplified and label-free electrochemical detection of a protease biomarker by integrating proteolysis-triggered transcription. <i>Biosensors and Bioelectronics</i> , 2021, 190, 113372.	5.3	6
17	A CRISPR-Cas autocatalysis-driven feedback amplification network for supersensitive DNA diagnostics. <i>Science Advances</i> , 2021, 7, .	4.7	152
18	Coupling of proteolysis-triggered transcription and CRISPR-Cas12a for ultrasensitive protease detection. <i>Science China Chemistry</i> , 2021, 64, 330-336.	4.2	18

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19	InnenrÄ¼cktitelbild: A DNA Molecular Robot that Autonomously Walks on the Cell Membrane to Drive Cell Motility (Angew. Chem. 50/2021). <i>Angewandte Chemie</i> , 2021, 133, 26615-26615.	1.6	0
20	Development of Near-Infrared Nucleic Acid Mimics of Fluorescent Proteins for In Vivo Imaging of Viral RNA with Turn-On Fluorescence. <i>Journal of the American Chemical Society</i> , 2021, 143, 19317-19329.	6.6	38
21	Engineering Cellâ€™s Surface Receptors with DNA Nanotechnology for Cell Manipulation. <i>ChemBioChem</i> , 2020, 21, 282-293.	1.3	33
22	Biom mineralization synthesis of a near-infrared fluorescent nanoprobe for direct glucose sensing in whole blood. <i>Nanoscale</i> , 2020, 12, 864-870.	2.8	15
23	CRISPR-Cas System for RNA Detection and Imaging. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 157-163.	1.3	8
24	Design strategies for fluorescent proteins/mimics and their applications in biosensing and bioimaging. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 122, 115757.	5.8	18
25	Proteolysis-Responsive Rolling Circle Transcription Assay Enabling Femtomolar Sensitivity Detection of a Target Protease Biomarker. <i>Analytical Chemistry</i> , 2020, 92, 16314-16321.	3.2	17
26	Live-Cell Imaging of Neurotransmitter Release with a Cell-Surface-Anchored DNA-Nanoprism Fluorescent Sensor. <i>Analytical Chemistry</i> , 2020, 92, 15194-15201.	3.2	23
27	Dual-Product Synergistically Enhanced Colorimetric Assay for Sensitive Detection of Lipid Transferase Activity. <i>Analytical Chemistry</i> , 2020, 92, 15236-15243.	3.2	4
28	Unraveling the Dynamics of Antibody-Antigen Interaction by DNA Origami. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 983-984.	1.3	0
29	Fluorometric and Colorimetric Dual-Readout Assay for Histone Demethylase Activity Based on Formaldehyde Inhibition of Ag ⁺ -Triggered Oxidation of <i>o</i> -Phenylenediamine. <i>Analytical Chemistry</i> , 2020, 92, 9421-9428.	3.2	27
30	Chimeric Peptides Self-Assembling on Titanium Carbide MXenes as Biosensing Interfaces for Activity Assay of Post-translational Modification Enzymes. <i>Analytical Chemistry</i> , 2020, 92, 8819-8826.	3.2	23
31	Integrating CRISPR-Cas12a with a DNA circuit as a generic sensing platform for amplified detection of microRNA. <i>Chemical Science</i> , 2020, 11, 7362-7368.	3.7	169
32	DNA-Modulated Plasmon Resonance: Methods and Optical Applications. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 14741-14760.	4.0	21
33	Titanium Carbide MXenes Mediated <i>In Situ</i> Reduction Allows Label-Free and Visualized Nanoplasmonic Sensing of Silver Ions. <i>Analytical Chemistry</i> , 2020, 92, 4623-4629.	3.2	57
34	Target-activated transcription for the amplified sensing of protease biomarkers. <i>Chemical Science</i> , 2020, 11, 2993-2998.	3.7	16
35	DNA-Based Reprogramming Strategy of Receptor-Mediated Cellular Behaviors: From Genetic Encoding to Nongenetic Engineering. <i>ACS Applied Bio Materials</i> , 2020, 3, 2796-2804.	2.3	20
36	Protein@Inorganic Nanodumpling System for High-Loading Protein Delivery with Activatable Fluorescence and Magnetic Resonance Bimodal Imaging Capabilities. <i>ACS Nano</i> , 2020, 14, 2172-2182.	7.3	37

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37	Enzyme-activated anchoring of peptide probes onto plasma membranes for selectively lighting up target cells. <i>Analyst</i> , 2020, 145, 3626-3633.	1.7	0
38	Click-Type Protein-DNA Conjugation for Mn ²⁺ Imaging in Living Cells. <i>Analytical Chemistry</i> , 2019, 91, 10180-10187.	3.2	7
39	A semisynthetic fluorescent protein assembly-based FRET probe for real-time profiling of cell membrane protease functions <i>in situ</i> . <i>Chemical Communications</i> , 2019, 55, 2218-2221.	2.2	13
40	Functional Titanium Carbide MXenes-Loaded Entropy-Driven RNA Explorer for Long Noncoding RNA PCA3 Imaging in Live Cells. <i>Analytical Chemistry</i> , 2019, 91, 8622-8629.	3.2	37
41	Engineering of Nucleic Acids and Synthetic Cofactors as Holo Sensors for Probing Signaling Molecules in the Cellular Membrane Microenvironment (<i>Angew. Chem.</i> 20/2019). <i>Angewandte Chemie</i> , 2019, 131, 6854-6854.	1.6	0
42	Engineering of Nucleic Acids and Synthetic Cofactors as Holo Sensors for Probing Signaling Molecules in the Cellular Membrane Microenvironment. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6590-6594.	7.2	76
43	Near-Infrared Light-Activated DNA-Agonist Nanodevice for Nongenetically and Remotely Controlled Cellular Signaling and Behaviors in Live Animals. <i>Nano Letters</i> , 2019, 19, 2603-2613.	4.5	69
44	Lighting up the Native Viral RNA Genome with a Fluorogenic Probe for the Live-Cell Visualization of Virus Infection. <i>Journal of the American Chemical Society</i> , 2019, 141, 5182-5191.	6.6	77
45	Engineering of Nucleic Acids and Synthetic Cofactors as Holo Sensors for Probing Signaling Molecules in the Cellular Membrane Microenvironment. <i>Angewandte Chemie</i> , 2019, 131, 6662-6666.	1.6	12
46	Chimeric DNA-Functionalized Titanium Carbide MXenes for Simultaneous Mapping of Dual Cancer Biomarkers in Living Cells. <i>Analytical Chemistry</i> , 2019, 91, 1651-1658.	3.2	67
47	Silver coordination complex amplified electrochemiluminescence sensor for sensitive detection of coenzyme A and histone acetyltransferase activity. <i>Biosensors and Bioelectronics</i> , 2019, 126, 535-542.	5.3	18
48	Simultaneous Monitoring of Cell-surface Receptor and Tumor-targeted Photodynamic Therapy via TdT-initiated Poly-G-Quadruplexes. <i>Scientific Reports</i> , 2018, 8, 5551.	1.6	14
49	Transpeptidation-Mediated Assembly of Tripartite Split Green Fluorescent Protein for Label-Free Assay of Sortase Activity. <i>Analytical Chemistry</i> , 2018, 90, 3245-3252.	3.2	23
50	Highly-luminescent Eu,Sm,Mn-doped CaS up/down conversion nano-particles: application to ultra-sensitive latent fingerprint detection and <i>in vivo</i> bioimaging. <i>Chemical Communications</i> , 2018, 54, 591-594.	2.2	72
51	Fast screening of short-chain chlorinated paraffins in indoor dust samples by graphene-assisted laser desorption/ionization mass spectrometry. <i>Talanta</i> , 2018, 179, 575-582.	2.9	12
52	Fluorescent Ti ₃ C ₂ MXene quantum dots for an alkaline phosphatase assay and embryonic stem cell identification based on the inner filter effect. <i>Nanoscale</i> , 2018, 10, 19579-19585.	2.8	104
53	Cell-Surface-Anchored Ratiometric DNA Tweezer for Real-Time Monitoring of Extracellular and Apoplastic pH. <i>Analytical Chemistry</i> , 2018, 90, 13459-13466.	3.2	70
54	A DNA-Mediated Chemically Induced Dimerization (D ² CID) Nanodevice for Nongenetic Receptor Engineering To Control Cell Behavior. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10226-10230.	7.2	89

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55	A DNA-Mediated Chemically Induced Dimerization (D ² CID) Nanodevice for Nongenetic Receptor Engineering To Control Cell Behavior. <i>Angewandte Chemie</i> , 2018, 130, 10383-10387.	1.6	35
56	Eu,Sm,Mn-Doped CaS Nanoparticles with 59.3% Upconversion-Luminescence Quantum Yield: Enabling Ultrasensitive and Facile Smartphone-Based Sulfite Detection. <i>Analytical Chemistry</i> , 2018, 90, 8658-8664.	3.2	23
57	Phospholipid-Tailored Titanium Carbide Nanosheets as a Novel Fluorescent Nanoprobe for Activity Assay and Imaging of Phospholipase D. <i>Analytical Chemistry</i> , 2018, 90, 6742-6748.	3.2	52
58	An enzymatic polymerization-activated silver nanocluster probe for <i>in situ</i> apoptosis assay. <i>Analyst</i> , 2018, 143, 2908-2914.	1.7	7
59	Charge designable and tunable GFP as a target pH-responsive carrier for intracellular functional protein delivery and tracing. <i>Chemical Communications</i> , 2018, 54, 7806-7809.	2.2	14
60	G-quadruplex-based fluorometric biosensor for label-free and homogenous detection of protein acetylation-related enzymes activities. <i>Biosensors and Bioelectronics</i> , 2017, 91, 400-407.	5.3	34
61	Nitrogen doped graphene quantum dots based long-persistent chemiluminescence system for ascorbic acid imaging. <i>Biosensors and Bioelectronics</i> , 2017, 91, 878-884.	5.3	60
62	Enzyme-Activated G-Quadruplex Synthesis for <i>in Situ</i> Label-Free Detection and Bioimaging of Cell Apoptosis. <i>Analytical Chemistry</i> , 2017, 89, 1892-1899.	3.2	38
63	Development of near-infrared ratiometric fluorescent probe based on cationic conjugated polymer and CdTe/CdS QDs for label-free determination of glucose in human body fluids. <i>Biosensors and Bioelectronics</i> , 2017, 95, 41-47.	5.3	61
64	An entropy-driven signal amplifying strategy for real-time monitoring of DNA methylation process and high-throughput screening of methyltransferase inhibitors. <i>Analytica Chimica Acta</i> , 2017, 970, 57-63.	2.6	14
65	Fluorographene as a Mass Spectrometry Probe for High-Throughput Identification and Screening of Emerging Chemical Contaminants in Complex Samples. <i>Analytical Chemistry</i> , 2017, 89, 1307-1314.	3.2	49
66	Peptide Logic Circuits Based on Chemoenzymatic Ligation for Programmable Cell Apoptosis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14888-14892.	7.2	26
67	Surface charge tuneable fluorescent protein-based logic gates for smart delivery of nucleic acids. <i>Chemical Communications</i> , 2017, 53, 11326-11329.	2.2	10
68	DNA mimics of red fluorescent proteins (RFP) based on G-quadruplex-confined synthetic RFP chromophores. <i>Nucleic Acids Research</i> , 2017, 45, 10380-10392.	6.5	70
69	DNA G-Quadruplex-Based Assay of Enzyme Activity. <i>Methods in Molecular Biology</i> , 2017, 1500, 133-151.	0.4	3
70	Peptide Logic Circuits Based on Chemoenzymatic Ligation for Programmable Cell Apoptosis. <i>Angewandte Chemie</i> , 2017, 129, 15084-15088.	1.6	5
71	Insight into G-quadruplex-hemin DNAzyme/RNAzyme: adjacent adenine as the intramolecular species for remarkable enhancement of enzymatic activity. <i>Nucleic Acids Research</i> , 2016, 44, 7373-7384.	6.5	163
72	Sensitive detection of DNA methyltransferase activity based on supercharged fluorescent protein and template-free DNA polymerization. <i>Science China Chemistry</i> , 2016, 59, 809-815.	4.2	5

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73	Carbon-coated hollow mesoporous FeP microcubes: an efficient and stable electrocatalyst for hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2016, 4, 8974-8977.	5.2	137
74	Label-free fluorescent enzymatic assay of citrate synthase by CoA-Au(I) co-ordination polymer and its application in a multi-enzyme logic gate cascade. <i>Biosensors and Bioelectronics</i> , 2016, 86, 1038-1046.	5.3	8
75	Self-Assembled DNA Hydrogel Based on Enzymatically Polymerized DNA for Protein Encapsulation and Enzyme/DNAzyme Hybrid Cascade Reaction. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 22801-22807.	4.0	77
76	Signal-on CoA-dependent electrochemical biosensor for highly sensitive and label-free detection of Citrate synthase activity. <i>Talanta</i> , 2016, 161, 583-591.	2.9	6
77	Multifunctional Gold Nanoclusters-Based Nanosurface Energy Transfer Probe for Real-Time Monitoring of Cell Apoptosis and Self-Evaluating of Pro-Apoptotic Theranostics. <i>Analytical Chemistry</i> , 2016, 88, 11184-11192.	3.2	45
78	Applications of graphene and its derivatives in intracellular biosensing and bioimaging. <i>Analyst</i> , The, 2016, 141, 4541-4553.	1.7	58
79	Screening of Toxic Chemicals in a Single Drop of Human Whole Blood Using Ordered Mesoporous Carbon as a Mass Spectrometry Probe. <i>Analytical Chemistry</i> , 2016, 88, 4107-4113.	3.2	51
80	A biomimetic colorimetric logic gate system based on multi-functional peptide-mediated gold nanoparticle assembly. <i>Nanoscale</i> , 2016, 8, 8591-8599.	2.8	31
81	Bioanalytical approaches for the detection of protein acetylation-related enzymes. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2659-2668.	1.9	9
82	Nitrogen-doped carbon nanoparticle modulated turn-on fluorescent probes for histidine detection and its imaging in living cells. <i>Nanoscale</i> , 2016, 8, 2205-2211.	2.8	95
83	A novel and label-free biosensors for uracil-DNA glycosylase activity based on the electrochemical oxidation of guanine bases at the graphene modified electrode. <i>Talanta</i> , 2016, 147, 98-102.	2.9	44
84	Phosphorylation-Mediated Assembly of a Semisynthetic Fluorescent Protein for Label-Free Detection of Protein Kinase Activity. <i>Analytical Chemistry</i> , 2015, 87, 6311-6318.	3.2	27
85	Resurfaced Fluorescent Protein as a Sensing Platform for Label-Free Detection of Copper(II) Ion and Acetylcholinesterase Activity. <i>Analytical Chemistry</i> , 2015, 87, 1974-1980.	3.2	102
86	Non-Redox Modulated Fluorescence Strategy for Sensitive and Selective Ascorbic Acid Detection with Highly Photoluminescent Nitrogen-Doped Carbon Nanoparticles via Solid-State Synthesis. <i>Analytical Chemistry</i> , 2015, 87, 8524-8530.	3.2	237
87	DNA-mediated supercharged fluorescent protein/graphene oxide interaction for label-free fluorescence assay of base excision repair enzyme activity. <i>Chemical Communications</i> , 2015, 51, 13373-13376.	2.2	16
88	Automatic and Integrated Micro-Enzyme Assay (AI ⁴ EA) Platform for Highly Sensitive Thrombin Analysis via an Engineered Fluorescence Protein-Functionalized Monolithic Capillary Column. <i>Analytical Chemistry</i> , 2015, 87, 4552-4559.	3.2	22
89	Enzymatically generated long polyT-templated copper nanoparticles for versatile biosensing assay of DNA-related enzyme activity. <i>Analytical Methods</i> , 2015, 7, 4355-4361.	1.3	29
90	A universal platform for building molecular logic circuits based on a reconfigurable three-dimensional DNA nanostructure. <i>Chemical Science</i> , 2015, 6, 3556-3564.	3.7	61

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91	Unique electrocatalytic activity of a nucleic acid-mimicking coordination polymer for the sensitive detection of coenzyme A and histone acetyltransferase activity. <i>Chemical Communications</i> , 2015, 51, 17611-17614.	2.2	37
92	Time-Resolved Luminescence Biosensor for Continuous Activity Detection of Protein Acetylation-Related Enzymes Based on DNA-Sensitized Terbium(III) Probes. <i>Analytical Chemistry</i> , 2015, 87, 9179-9185.	3.2	47
93	A dual enzymatic amplified strategy for the detection of endonuclease V activity. <i>Analytical Methods</i> , 2015, 7, 8453-8458.	1.3	4
94	Near-Infrared Dual-Emission Quantum Dots@Gold Nanoclusters Nanohybrid via Co-Template Synthesis for Ratiometric Fluorescent Detection and Bioimaging of Ascorbic Acid In Vitro and In Vivo. <i>Analytical Chemistry</i> , 2015, 87, 9998-10005.	3.2	127
95	A TdT-mediated cascade signal amplification strategy based on dendritic DNA matrix for label-free multifunctional electrochemical biosensing. <i>Biosensors and Bioelectronics</i> , 2015, 63, 331-338.	5.3	49
96	Fluorescent Nanosensor for Probing Histone Acetyltransferase Activity Based on Acetylation Protection and Magnetic Graphitic Nanocapsules. <i>Small</i> , 2015, 11, 877-885.	5.2	40
97	An aptamer-based quartz crystal microbalance biosensor for sensitive and selective detection of leukemia cells using silver-enhanced gold nanoparticle label. <i>Talanta</i> , 2014, 126, 130-135.	2.9	108
98	Label-free fluorescence assay for thrombin based on unmodified quantum dots. <i>Biosensors and Bioelectronics</i> , 2014, 54, 42-47.	5.3	34
99	Intra-molecular G-quadruplex structure generated by DNA-templated click chemistry: a "Turn-on" fluorescent probe for copper ions. <i>Biosensors and Bioelectronics</i> , 2014, 55, 187-194.	5.3	42
100	A Mix-and-Read Fluorescence Strategy for the Switch-On Probing of Kinase Activity Based on an Aptamer-Peptide/Graphene Oxide Platform. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2560-2567.	1.7	5
101	Synchronization of Two Assembly Processes To Build Responsive DNA Nanostructures. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8402-8405.	7.2	34
102	Chemical colorimetric square wave and its derived logic gates based on tunable growth of plasmonic gold nanoparticles. <i>RSC Advances</i> , 2014, 4, 18668-18675.	1.7	5
103	Randomly arrayed G-quadruplexes for label-free and real-time assay of enzyme activity. <i>Chemical Communications</i> , 2014, 50, 6875.	2.2	85
104	A Supercharged Fluorescent Protein as a Versatile Probe for Homogeneous DNA Detection and Methylation Analysis. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8358-8362.	7.2	36
105	Enhanced nonenzymatic sensing of hydrogen peroxide released from living cells based on Fe ₃ O ₄ /self-reduced graphene nanocomposites. <i>Analytical Methods</i> , 2014, 6, 6073.	1.3	43
106	A gold nanoparticles colorimetric assay for label-free detection of protein kinase activity based on phosphorylation protection against exopeptidase cleavage. <i>Biosensors and Bioelectronics</i> , 2014, 53, 295-300.	5.3	71
107	Fluorescent detection of protein kinase based on positively charged gold nanoparticles. <i>Talanta</i> , 2014, 128, 360-365.	2.9	19
108	A versatile biosensing system for DNA-related enzyme activity assay via the synthesis of silver nanoclusters using enzymatically-generated DNA as template. <i>Biosensors and Bioelectronics</i> , 2014, 61, 321-327.	5.3	56

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109	A Solid-State Electrochemiluminescence Sensor for Label-Free Analysis of Leukemia Cells. <i>Electroanalysis</i> , 2013, 25, 1780-1786.	1.5	4
110	Self-assembly of DNA nanoprisms with only two component strands. <i>Chemical Communications</i> , 2013, 49, 2807.	2.2	19
111	Graphene Oxide-Peptide Nanocomplex as a Versatile Fluorescence Probe of Protein Kinase Activity Based on Phosphorylation Protection against Carboxypeptidase Digestion. <i>Analytical Chemistry</i> , 2013, 85, 5746-5754.	3.2	94
112	Colorimetric detection of apoptosis based on caspase-3 activity assay using unmodified gold nanoparticles. <i>Chemical Communications</i> , 2012, 48, 997-999.	2.2	96
113	Assembly of layer-by-layer films of superoxide dismutase and gold nanorods: A third generation biosensor for superoxide anion. <i>Science China Chemistry</i> , 2011, 54, 1284-1291.	4.2	8
114	Inductance-based sensing technique for wireless, remote-query measurement in liquid media. <i>Science China Chemistry</i> , 2010, 53, 1391-1397.	4.2	3
115	Label-Free Colorimetric Assay for Methyltransferase Activity Based on a Novel Methylation-Responsive DNAzyme Strategy. <i>Analytical Chemistry</i> , 2010, 82, 1935-1941.	3.2	208
116	Aptamer-Based Electrochemical Sensor for Label-Free Recognition and Detection of Cancer Cells. <i>Electroanalysis</i> , 2009, 21, 1321-1326.	1.5	89
117	The direct electrochemistry of glucose oxidase based on the synergic effect of amino acid ionic liquid and carbon nanotubes. <i>Science in China Series B: Chemistry</i> , 2009, 52, 1991-1998.	0.8	4
118	A Biomimetic Approach for Spatially-Controlled Cell Membrane Engineering Using Fusogenic Spherical Nucleic Acid. <i>Angewandte Chemie</i> , 0, , .	1.6	0