

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

141 papers	4,659 citations	36 h-index	63 g-index
149 ext. papers	5,401 ext. citations	7.2 avg, IF	5.57 L-index

#	Paper	IF	Citations
141	Pyrene-excimer probes based on the hybridization chain reaction for the detection of nucleic acids in complex biological fluids. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 401-4	16.4	458
140	Enzyme-free colorimetric detection of DNA by using gold nanoparticles and hybridization chain reaction amplification. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 7689-95	7.8	264
139	FRET Nanoflares for Intracellular mRNA Detection: Avoiding False Positive Signals and Minimizing Effects of System Fluctuations. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 8340-3	16.4	225
138	Highly Fe-Selective Fluorescent Nanoprobe Based on Ultrabright N/P Codoped Carbon Dots and Its Application in Biological Samples. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 7477-7484	7.8	202
137	Label-Free Carbon-Dots-Based Ratiometric Fluorescence pH Nanoprobes for Intracellular pH Sensing. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 7837-43	7.8	195
136	Gold Nanoparticle Loaded Split-DNAzyme Probe for Amplified miRNA Detection in Living Cells. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 8377-8383	7.8	105
135	Ratiometric fluorescent sensing of pH values in living cells by dual-fluorophore-labeled i-motif nanoprobes. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 8724-31	7.8	101
134	Gold Nanoparticle Based Hairpin-Locked-DNAzyme Probe for Amplified miRNA Imaging in Living Cells. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 5850-5856	7.8	92
133	A DNA nanowire based localized catalytic hairpin assembly reaction for microRNA imaging in live cells. <i>Chemical Science</i> , <b>2018</b> , 9, 7802-7808	9.4	85
132	Detection of C-reactive protein using nanoparticle-enhanced surface plasmon resonance using an aptamer-antibody sandwich assay. <i>Chemical Communications</i> , <b>2016</b> , 52, 3568-71	5.8	84
131	Aptazyme-Gold Nanoparticle Sensor for Amplified Molecular Probing in Living Cells. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 5981-7	7.8	83
130	A DNA tetrahedron-based molecular beacon for tumor-related mRNA detection in living cells. <i>Chemical Communications</i> , <b>2016</b> , 52, 2346-9	5.8	82
129	DNA tetrahedron nanostructures for biological applications: biosensors and drug delivery. <i>Analyst, The</i> , <b>2017</b> , 142, 3322-3332	5	81
128	Self-assembly of a bifunctional DNA carrier for drug delivery. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 6098-101	16.4	76
127	Target-catalyzed dynamic assembly-based pyrene excimer switching for enzyme-free nucleic acid amplified detection. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 4934-9	7.8	72
126	Fluorescence resonance energy transfer-based hybridization chain reaction for visualization of tumor-related mRNA. <i>Chemical Science</i> , <b>2016</b> , 7, 3829-3835	9.4	70
125	Competition-mediated pyrene-switching aptasensor: probing lysozyme in human serum with a monomer-excimer fluorescence switch. <i>Analytical Chemistry</i> , <b>2010</b> , 82, 10158-63	7.8	66

124	Visual and portable strategy for copper(II) detection based on a striplike poly(thymine)-caged and microwell-printed hydrogel. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 11263-8	7.8	65
123	MnO nanosheet mediated "DD-A" FRET binary probes for sensitive detection of intracellular mRNA. <i>Chemical Science</i> , <b>2017</b> , 8, 668-673	9.4	59
122	Self-assembled aptamer-based drug carriers for bispecific cytotoxicity to cancer cells. <i>Chemistry - an Asian Journal</i> , <b>2012</b> , 7, 1630-6	4.5	56
121	Recent advances in fluorescent nucleic acid probes for living cell studies. <i>Analyst, The</i> , <b>2013</b> , 138, 62-71	5	55
120	Self-Assembled DNA Nanocentipede as Multivalent Drug Carrier for Targeted Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 25733-25740	9.5	54
119	Powerful Amplification Cascades of FRET-Based Two-Layer Nonenzymatic Nucleic Acid Circuits. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 5857-64	7.8	51
118	Label-free and non-enzymatic detection of DNA based on hybridization chain reaction amplification and dsDNA-templated copper nanoparticles. <i>Analytica Chimica Acta</i> , <b>2014</b> , 827, 74-9	6.6	49
117	Molecular engineering of photoresponsive three-dimensional DNA nanostructures. <i>Chemical Communications</i> , <b>2011</b> , 47, 4670-2	5.8	49
116	A cell-surface-anchored ratiometric i-motif sensor for extracellular pH detection. <i>Chemical Communications</i> , <b>2016</b> , 52, 7818-21	5.8	47
115	Aptamer-based FRET nanoflares for imaging potassium ions in living cells. <i>Chemical Communications</i> , <b>2016</b> , 52, 11386-11389	5.8	46
114	Competition-Mediated FRET-Switching DNA Tetrahedron Molecular Beacon for Intracellular Molecular Detection. <i>ACS Sensors</i> , <b>2016</b> , 1, 1445-1452	9.2	45
113	Competitive host-guest interaction between $\beta$ -cyclodextrin polymer and pyrene-labeled probes for fluorescence analyses. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 2665-71	7.8	43
112	Amplified detection of cocaine based on strand-displacement polymerization and fluorescence resonance energy transfer. <i>Biosensors and Bioelectronics</i> , <b>2011</b> , 28, 450-3	11.8	43
111	Scallop-Inspired DNA Nanomachine: A Ratiometric Nanothermometer for Intracellular Temperature Sensing. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 12115-12122	7.8	39
110	Dual-microRNA-controlled double-amplified cascaded logic DNA circuits for accurate discrimination of cell subtypes. <i>Chemical Science</i> , <b>2019</b> , 10, 1442-1449	9.4	38
109	A sensitive detection of T4 polynucleotide kinase activity based on $\beta$ -cyclodextrin polymer enhanced fluorescence combined with an exonuclease reaction. <i>Chemical Communications</i> , <b>2015</b> , 51, 1815-8	5.8	38
108	"Sense-and-Treat" DNA Nanodevice for Synergetic Destruction of Circulating Tumor Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 26552-26558	9.5	38
107	Self-assembled supramolecular nanoprobe for ratiometric fluorescence measurement of intracellular pH values. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 2459-65	7.8	37

106	Fluorescent nanoparticles for chemical and biological sensing. <i>Science China Chemistry</i> , <b>2011</b> , 54, 1157-1176	17.6	37
105	An enzyme-free and amplified colorimetric detection strategy via target-aptamer binding triggered catalyzed hairpin assembly. <i>Chemical Communications</i> , <b>2015</b> , 51, 937-40	5.8	36
104	Aggregation control of quantum dots through ion-mediated hydrogen bonding shielding. <i>ACS Nano</i> , <b>2012</b> , 6, 4973-83	16.7	36
103	Pyrene-Excimer Probes Based on the Hybridization Chain Reaction for the Detection of Nucleic Acids in Complex Biological Fluids. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 421-424	3.6	36
102	Colorimetric detection of mercury ion based on unmodified gold nanoparticles and target-triggered hybridization chain reaction amplification. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 136 Pt B, 283-7	4.4	35
101	Programmable Self-Assembly of DNA-Protein Hybrid Hydrogel for Enzyme Encapsulation with Enhanced Biological Stability. <i>Biomacromolecules</i> , <b>2016</b> , 17, 1543-50	6.9	35
100	I-motif-based nano-flares for sensing pH changes in live cells. <i>Chemical Communications</i> , <b>2014</b> , 50, 15768-71	5.8	34
99	Proximity-dependent protein detection based on enzyme-assisted fluorescence signal amplification. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 51, 255-60	11.8	34
98	Design and bioanalytical applications of DNA hairpin-based fluorescent probes. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2014</b> , 53, 11-20	14.6	33
97	Detection of Nucleic Acids in Complex Samples via Magnetic Microbead-Assisted Catalyzed Hairpin Assembly and "DD-A" FRET. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 7164-7170	7.8	33
96	Low Background Cascade Signal Amplification Electrochemical Sensing Platform for Tumor-Related mRNA Quantification by Target-Activated Hybridization Chain Reaction and Electroactive Cargo Release. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 12544-12552	7.8	31
95	Colorimetric and fluorescent dual-mode detection of microRNA based on duplex-specific nuclease assisted gold nanoparticle amplification. <i>Analyst, The</i> , <b>2019</b> , 144, 4917-4924	5	30
94	Colorimetric multiplexed analysis of mercury and silver ions by using a unimolecular DNA probe and unmodified gold nanoparticles. <i>Analytical Methods</i> , <b>2012</b> , 4, 3320	3.2	29
93	Self-assembled DNA nanocentipedes as multivalent vehicles for enhanced delivery of CpG oligonucleotides. <i>Chemical Communications</i> , <b>2017</b> , 53, 5565-5568	5.8	28
92	Enhanced Imaging of Specific Cell-Surface Glycosylation Based on Multi-FRET. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 6131-6137	7.8	26
91	Hairpin-fuelled catalytic nanobeacons for amplified microRNA imaging in live cells. <i>Chemical Communications</i> , <b>2018</b> , 54, 10336-10339	5.8	26
90	Three-Dimensional Molecular Transfer from DNA Nanocages to Inner Gold Nanoparticle Surfaces. <i>ACS Nano</i> , <b>2019</b> , 13, 4174-4182	16.7	25
89	Gold nanoparticle based fluorescent oligonucleotide probes for imaging and therapy in living systems. <i>Analyst, The</i> , <b>2019</b> , 144, 1052-1072	5	25

88	A novel fluorescent detection for PDGF-BB based on dsDNA-templated copper nanoparticles. <i>Chinese Chemical Letters</i> , <b>2014</b> , 25, 9-14	8.1	24
87	Two-Color-Based Nanoflares for Multiplexed MicroRNAs Imaging in Live Cells. <i>Nanotheranostics</i> , <b>2018</b> , 2, 96-105	5.6	23
86	A supersandwich fluorescence in situ hybridization strategy for highly sensitive and selective mRNA imaging in tumor cells. <i>Chemical Communications</i> , <b>2016</b> , 52, 370-3	5.8	22
85	Single-walled carbon nanotubes (SWCNTs)-assisted cell-systematic evolution of ligands by exponential enrichment (cell-SELEX) for improving screening efficiency. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 9466-72	7.8	22
84	High Signal-to-Background Ratio Detection of Cancer Cells with Activatable Strategy Based on Target-Induced Self-Assembly of Split Aptamers. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 9347-9353	7.8	22
83	Combining physical embedding and covalent bonding for stable encapsulation of quantum dots into agarose hydrogels. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 495-501		22
82	An enzyme-free and amplified colorimetric detection strategy: assembly of gold nanoparticles through target-catalytic circuits. <i>Analyst, The</i> , <b>2015</b> , 140, 1004-7	5	21
81	A new strategy for designing a graphene oxide-based DNA hairpin probe: fluorescence upon switching the orientation of the sticky end. <i>Chemical Communications</i> , <b>2013</b> , 49, 9827-9	5.8	20
80	Self-assembled DNA nanowires as quantitative dual-drug nanocarriers for antitumor chemophotodynamic combination therapy. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 7529-7537	7.3	20
79	Molecule-binding dependent assembly of split aptamer and $\beta$ -cyclodextrin: a sensitive excimer signaling approach for aptamer biosensors. <i>Analytica Chimica Acta</i> , <b>2013</b> , 799, 44-50	6.6	19
78	G-quadruplex fluorescence quenching ability: a simple and efficient strategy to design a single-labeled DNA probe. <i>Analytical Methods</i> , <b>2012</b> , 4, 895	3.2	19
77	Development of Dual-Aptamers for Constructing Sandwich-Type Pancreatic Polypeptide Assay. <i>ACS Sensors</i> , <b>2017</b> , 2, 308-315	9.2	18
76	Red blood cell membrane-mediated fusion of hydrophobic quantum dots with living cell membranes for cell imaging. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 4191-4197	7.3	18
75	Amplified fluorescence detection of adenosine via catalyzed hairpin assembly and host-guest interactions between $\beta$ -cyclodextrin polymer and pyrene. <i>Analyst, The</i> , <b>2016</b> , 141, 2502-7	5	18
74	Proof of concept for inhibiting metastasis: circulating tumor cell-triggered localized release of anticancer agent via a structure-switching aptamer. <i>Chemical Communications</i> , <b>2016</b> , 52, 6789-92	5.8	18
73	Live-Cell MicroRNA Imaging through MnO Nanosheet-Mediated DD-A Hybridization Chain Reaction. <i>ChemBioChem</i> , <b>2018</b> , 19, 147-152	3.8	18
72	Use of $\beta$ -cyclodextrin-tethered cationic polymer based fluorescence enhancement of pyrene and hybridization chain reaction for the enzyme-free amplified detection of DNA. <i>Analyst, The</i> , <b>2016</b> , 142, 224-228	5	17
71	Contributing to liquid biopsy: Optical and electrochemical methods in cancer biomarker analysis. <i>Coordination Chemistry Reviews</i> , <b>2020</b> , 415, 213317	23.2	17

70	Engineering a unimolecular multifunctional DNA probe for analysis of Hg <sup>2+</sup> and Ag <sup>+</sup> . <i>Analytical Methods</i> , <b>2012</b> , 4, 345	3.2	17
69	Amplified FRET Nanoflares: An Endogenous mRNA-Powered Nanomachine for Intracellular MicroRNA Imaging. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 20104-20111	16.4	17
68	Ratiometric Fluorescent DNA Nanostructure for Mitochondrial ATP Imaging in Living Cells Based on Hybridization Chain Reaction. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 6715-6722	7.8	17
67	Split aptazyme-based catalytic molecular beacons for amplified detection of adenosine. <i>Analyst, The</i> , <b>2014</b> , 139, 2994-7	5	16
66	Rapid synthesis of Au/Ag bimetallic nanoclusters with highly biochemical stability and its applications for temperature and ratiometric pH sensing. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1070, 88-96	6.6	15
65	Sensitive detection of DNA methyltransferase activity based on rolling circle amplification technology. <i>Chinese Chemical Letters</i> , <b>2014</b> , 25, 1047-1051	8.1	15
64	A multiple amplification strategy for nucleic acid detection based on host-guest interaction between the Cyclodextrin polymer and pyrene. <i>Analyst, The</i> , <b>2015</b> , 140, 2016-22	5	15
63	FRET-based nucleic acid probes: Basic designs and applications in bioimaging. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2020</b> , 124, 115784	14.6	15
62	A light-up fluorescence assay for tumor cell detection based on bifunctional split aptamers. <i>Analyst, The</i> , <b>2018</b> , 143, 3579-3585	5	15
61	Self-Assembled Supramolecular Nanoparticles for Targeted Delivery and Combination Chemotherapy. <i>ChemMedChem</i> , <b>2018</b> , 13, 2037-2044	3.7	14
60	Ratiometric determination of human papillomavirus-16 DNA by using fluorescent DNA-templated silver nanoclusters and hairpin-blocked DNAzyme-assisted cascade amplification. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 613	5.8	14
59	Linear-hairpin variable primer RT-qPCR for MicroRNA. <i>Chemical Science</i> , <b>2019</b> , 10, 2034-2043	9.4	13
58	A multiplex paper-based nanobiocatalytic system for simultaneous determination of glucose and uric acid in whole blood. <i>Analyst, The</i> , <b>2018</b> , 143, 4422-4428	5	13
57	Tuning transport selectivity of ionic species by phosphoric acid gradient in positively charged nanochannel membranes. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 1544-51	7.8	13
56	I-Motif-Based in Situ Bipedal Hybridization Chain Reaction for Specific Activatable Imaging and Enhanced Delivery of Antisense Oligonucleotides. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 12538-12545	7.8	12
55	Photocaged FRET nanoflares for intracellular microRNA imaging. <i>Chemical Communications</i> , <b>2020</b> , 56, 6126-6129	5.8	12
54	Aptamer-Functionalized Activatable DNA Tetrahedron Nanoprobe for PIWI-Interacting RNA Imaging and Regulating in Cancer Cells. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 15107-15113	7.8	12
53	Aptamer-mediated indirect quantum dot labeling and fluorescent imaging of target proteins in living cells. <i>Nanotechnology</i> , <b>2014</b> , 25, 505502	3.4	12

52	Angiogenin-mediated photosensitizer-aptamer conjugate for photodynamic therapy. <i>ChemMedChem</i> , <b>2011</b> , 6, 1778-80	3.7	12
51	Amplified fluorescence detection of DNA based on catalyzed dynamic assembly and host-guest interaction between Cyclodextrin polymer and pyrene. <i>Talanta</i> , <b>2015</b> , 144, 529-34	6.2	11
50	Gold nanoparticle-based 2SO-methyl modified DNA probes for breast cancerous theranostics. <i>Talanta</i> , <b>2018</b> , 183, 11-17	6.2	11
49	Anomalous effects of water flow through charged nanochannel membranes. <i>RSC Advances</i> , <b>2014</b> , 4, 26729-26737	3.7	11
48	Self-Assembled DNA Nanostructures-Based Nanocarriers Enabled Functional Nucleic Acids Delivery.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 2779-2795	4.1	10
47	Steric hindrance regulated supramolecular assembly between Cyclodextrin polymer and pyrene for alkaline phosphatase fluorescent sensing. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2016</b> , 156, 131-7	4.4	10
46	Aptamer-tethered self-assembled FRET-flares for microRNA imaging in living cancer cells. <i>Chemical Communications</i> , <b>2020</b> , 56, 2463-2466	5.8	9
45	DNA supersandwich assemblies as artificial receptors to mediate intracellular delivery of catalase for efficient ROS scavenging. <i>Chemical Communications</i> , <b>2019</b> , 55, 4242-4245	5.8	8
44	Intelligent Nucleic Acid Functionalized Dual-Responsive Gold Nanoflare: Logic-Gate Nanodevice Visualized by Single-Nanoparticle Imaging. <i>ChemistrySelect</i> , <b>2016</b> , 1, 347-353	1.8	8
43	A DNAzyme cascade for amplified detection of intracellular miRNA. <i>Chemical Communications</i> , <b>2020</b> , 56, 10163-10166	5.8	8
42	Amplified AND logic platform for cell identification. <i>Chemical Communications</i> , <b>2020</b> , 56, 11267-11270	5.8	8
41	A Mimosa-Inspired Cell-Surface-Anchored Ratiometric DNA Nanosensor for High-Resolution and Sensitive Response of Target Tumor Extracellular pH. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 15104-15111	7.8	8
40	An Autonomous Self-Cleavage DNAzyme Walker for Live Cell MicroRNA Imaging.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 6310-6318	4.1	8
39	Multiple amplification detection of microRNA based on the host-guest interaction between Cyclodextrin polymer and pyrene. <i>Analyst, The</i> , <b>2015</b> , 140, 4291-7	5	7
38	A fluorescence-positioned hybridization chain reaction system for sensitive detection of Salmonella in milk. <i>Analytical Methods</i> , <b>2020</b> , 12, 1958-1965	3.2	7
37	Flexible Assembly of an Enzyme Cascade on a DNA Triangle Prism Nanostructure for the Controlled Biomimetic Generation of Nitric Oxide. <i>ChemBioChem</i> , <b>2018</b> , 19, 2099-2106	3.8	7
36	A hybridization-triggered DNAzyme cascade assay for enzyme-free amplified fluorescence detection of nucleic acids. <i>Analyst, The</i> , <b>2018</b> , 144, 143-147	5	7
35	Using personal uric acid meter and enzyme-DNA conjugate for portable and quantitative DNA detection. <i>Sensors and Actuators B: Chemical</i> , <b>2013</b> , 186, 515-520	8.5	7

34	Enzymatic Behavior Regulation-Based Colorimetric and Electrochemiluminescence Sensing of Phosphate Using the Cobalt Oxyhydroxide Nanosheet. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 6770-6778	7.8	7
33	Biomimetic synthesis of highly biocompatible gold nanoparticles with amino acid-dithiocarbamate as a precursor for SERS imaging. <i>Nanotechnology</i> , <b>2016</b> , 27, 105603	3.4	7
32	Mitochondria targeted self-assembled ratiometric fluorescent nanoprobe for pH imaging in living cells. <i>Analytical Methods</i> , <b>2019</b> , 11, 2097-2104	3.2	6
31	A DNA tetrahedron-based molecular computation device for the logic sensing of dual microRNAs in living cells. <i>Chemical Communications</i> , <b>2020</b> , 56, 5303-5306	5.8	6
30	Selection of Affinity Reagents to Neutralize the Hemolytic Toxicity of Melittin Based on a Self-Assembled Nanoparticle Library. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 16040-16049	9.5	6
29	Inhibited aptazyme-based catalytic molecular beacon for amplified detection of adenosine. <i>Chinese Chemical Letters</i> , <b>2014</b> , 25, 1211-1214	8.1	6
28	Amplified FRET Nanoflares: An Endogenous mRNA-Powered Nanomachine for Intracellular MicroRNA Imaging. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 20279-20286	3.6	6
27	Orderly Assembled, Self-Powered FRET Flares for MicroRNA Imaging in Live Cells. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 6270-6277	7.8	6
26	Integration of cell-free protein synthesis and purification in one microfluidic chip for on-demand production of recombinant protein. <i>Biomicrofluidics</i> , <b>2018</b> , 12, 054102	3.2	6
25	Biomimetic nanochannel membrane for cascade response of borate and cis-hydroxyl compounds: An IMP logic gate device. <i>Chinese Chemical Letters</i> , <b>2019</b> , 30, 1397-1400	8.1	5
24	A self-assembled conformational switch: a host-guest stabilized triple stem molecular beacon via a photoactivated and thermal regeneration mode. <i>Chemical Communications</i> , <b>2014</b> , 50, 7803-5	5.8	5
23	Polymerization and isomerization cyclic amplification for nucleic acid detection with attomolar sensitivity. <i>Chemical Science</i> , <b>2021</b> , 12, 4509-4518	9.4	5
22	Self-Assembly of a Bifunctional DNA Carrier for Drug Delivery. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 6222-6225	3.6	4
21	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. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 10511-10518	7.8	4
20	DNA-Silver Nanocluster Binary Probes for Ratiometric Fluorescent Detection of HPV-related DNA. <i>Chemical Research in Chinese Universities</i> , <b>2019</b> , 35, 581-585	2.2	3
19	A DNA molecular diagnostic technology with LAMP-like sensitivity based on one pair of hairpin primers-mediated isothermal polymerization amplification. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1134, 144-149	6.6	3
18	Self-assembled DNA-Based geometric polyhedrons: Construction and applications. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2020</b> , 126, 115844	14.6	3
17	Sensitive and specific detection of tumour cells based on a multivalent DNA nanocreeper and a multiplexed fluorescence supersandwich. <i>Chemical Communications</i> , <b>2020</b> , 56, 3693-3696	5.8	3

16	A simple and sensitive assay for apurinic/apyrimidinic endonuclease 1 activity based on host-guest interaction of $\beta$ -cyclodextrin polymer and pyrene. <i>Chinese Chemical Letters</i> , <b>2018</b> , 29, 973-976	8.1	3
15	Selection of Aptamers for Hydrophobic Drug Docetaxel To Improve Its Solubility. <i>ACS Applied Bio Materials</i> , <b>2018</b> , 1, 168-174	4.1	3
14	A self-assembled DNA nanostructure as a FRET nanoflare for intracellular ATP imaging. <i>Chemical Communications</i> , <b>2021</b> , 57, 6257-6260	5.8	3
13	A facile approach toward multicolor polymers: Supramolecular self-assembly via host-guest interaction. <i>Chinese Chemical Letters</i> , <b>2014</b> , 25, 1318-1322	8.1	2
12	Engineering DNAzyme cascade for signal transduction and amplification. <i>Analyst, The</i> , <b>2020</b> , 145, 1925-1932	9.3	2
11	Intelligent Nanoprobe: Acid-Responsive Drug Release and In Situ Evaluation of Its Own Therapeutic Effect. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 12371-12378	7.8	2
10	Dual-MicroRNA-regulation of singlet oxygen generation by a DNA-tetrahedron-based molecular logic device. <i>Chemical Communications</i> , <b>2021</b> , 57, 3873-3876	5.8	2
9	Application of Nucleic Acid Aptamers in Polypeptides Researches. <i>Chinese Journal of Analytical Chemistry</i> , <b>2017</b> , 45, 1795-1803	1.6	1
8	Engineering a Facile Aptamer "Molecule-Doctor" with Hairpin-Contained I-Motif Enables Accurate Imaging and Killing of Cancer Cells. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 14552-14559	7.8	1
7	A MnO nanosheet-mediated photo-controlled DNAzyme for intracellular miRNA cleavage to suppress cell growth. <i>Analyst, The</i> , <b>2021</b> , 146, 3391-3398	5	0
6	An endogenous stimulus detonated nanocluster-bomb for contrast-enhanced cancer imaging and combination therapy. <i>Chemical Science</i> , <b>2021</b> , 12, 12118-12129	9.4	0
5	Rapid and sensitive detection of Salmonella in milk based on hybridization chain reaction and graphene oxide fluorescence platform. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 12295-12302	4	0
4	A Dual-Recognition Strategy for Staphylococcus aureus Detection Using Teicoplanin-Modified Magnetic Nanoparticles and IgG-Functionalized Quantum Dots. <i>Food Analytical Methods</i> , <b>2021</b> , 14, 1229-1236	3.4	0
3	Fuel-Powered DNA Nanomachines for Biosensing and Cancer Therapy.. <i>ChemPlusChem</i> , <b>2022</b> , 87, e202200098	10.9	0
2	Acidic microenvironment triggered assembly of activatable three-arm aptamer nanoclaw for contrast-enhanced imaging and tumor growth inhibition .. <i>Theranostics</i> , <b>2022</b> , 12, 3474-3487	12.1	0
1	Excimer Molecular Beacon <b>2013</b> , 123-138		