

# Jian-Hui Jiang

## List of Publications by Year in Descending Order

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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.

220  
papers

7,686  
citations

40  
h-index

81  
g-index

227  
ext. papers

9,053  
ext. citations

6.9  
avg, IF

6.41  
L-index

#	Paper	IF	Citations
220	A localized DNA finite-state machine with temporal resolution.. <i>Science Advances</i> , <b>2022</b> , 8, eabm9530	14.3	1
219	A near-infrared indicator for sensitive imaging of G-Quadruplexes in live cells. <i>Dyes and Pigments</i> , <b>2022</b> , 201, 110194	4.6	2
218	Profiling demethylase activity using epigenetically inactivated DNase.. <i>Biosensors and Bioelectronics</i> , <b>2022</b> , 207, 114186	11.8	0
217	Droplet microfluidic-based loop-mediated isothermal amplification (dLAMP) for simultaneous quantification of multiple targets.. <i>STAR Protocols</i> , <b>2022</b> , 3, 101335	1.4	0
216	DNase-Triggered Sol-Gel-Sol Transition of a Hydrogel Allows Target Cell Enrichment. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 15031-15039	9.5	3
215	Inducible CRISPR-dCas9 Transcriptional Systems for Sensing and Genome Regulation. <i>ChemBioChem</i> , <b>2021</b> , 22, 1894-1900	3.8	1
214	DNase cascade circuits in highly integrated DNA nanomachines for sensitive microRNAs imaging in living cells. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 177, 112976	11.8	7
213	Digital Loop-Mediated Isothermal Amplification-Based Absolute Methylation Quantification Revealed Hypermethylated DAPK1 in Cervical Cancer Patients. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 8077-8083	7.8	4
212	Expanding the codes: The development of density-encoded hydrogel microcarriers for suspension arrays. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 181, 113133	11.8	3
211	Engineering of Exciton Spatial Distribution in CdS Nanoplatelets. <i>Nano Letters</i> , <b>2021</b> , 21, 5201-5208	11.5	4
210	Single-Nanoparticle ICP-MS for Sensitive Detection of Uracil-DNA Glycosylase Activity. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 8381-8385	7.8	6
209	Repaired and Activated DNase Enables the Monitoring of DNA Alkylation Repair in Live Cells. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 20042-20049	3.6	0
208	Nucleic Acid Aptamers for Molecular Diagnostics and Therapeutics: Advances and Perspectives. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 2249-2259	3.6	3
207	Nucleic Acid Aptamers for Molecular Diagnostics and Therapeutics: Advances and Perspectives. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 2221-2231	16.4	65
206	Enzyme-free electrochemical biosensor based on amplification of proximity-dependent surface hybridization chain reaction for ultrasensitive mRNA detection. <i>Talanta</i> , <b>2021</b> , 222, 121536	6.2	10
205	Engineering G-quadruplex aptamer to modulate its binding specificity. <i>National Science Review</i> , <b>2021</b> , 8, nwaa202	10.8	4
204	Boronate carbon nanoparticles featuring efficient FRET for activatable two-photon fluorescence imaging of sialic acid surface-abundant tumor cells. <i>Analyst, The</i> , <b>2021</b> , 146, 5567-5573	5	

203	Genetically Encoded Dual-Color Light-Up RNA Sensor Enabled Ratiometric Imaging of MicroRNA. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 2534-2540	7.8	1
202	Programming DNA cascade circuits on live cell membranes for accurate cancer cell recognition and gene silencing. <i>Chemical Communications</i> , <b>2021</b> , 57, 3816-3819	5.8	3
201	Multiplexed droplet loop-mediated isothermal amplification with scorpion-shaped probes and fluorescence microscopic counting for digital quantification of virus RNAs. <i>Chemical Science</i> , <b>2021</b> , 12, 8445-8451	9.4	2
200	Clicking of organelle-enriched probes for fluorogenic imaging of autophagic and endocytic fluxes. <i>Chemical Science</i> , <b>2021</b> , 12, 5834-5842	9.4	3
199	An activatable near-infrared fluorescent probe facilitated high-contrast lipophagic imaging in live cells. <i>Chemical Communications</i> , <b>2021</b> , 57, 8664-8667	5.8	4
198	"Repaired and Activated" DNzyme Enables the Monitoring of DNA Alkylation Repair in Live Cells. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 19889-19896	16.4	3
197	Genetically Encoded Sensor Enables Endogenous RNA Imaging with Conformation-Switching Induced Fluorogenic Proteins. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 14394-14401	16.4	2
196	Terminal protection of peptides by interactions with proteins: A "signal-on" peptide-templated gold nanocluster beacon for label-free protein detection. <i>Talanta</i> , <b>2021</b> , 233, 122566	6.2	1
195	Using random forest to detect multiple inherited metabolic diseases simultaneously based on GC-MS urinary metabolomics. <i>Talanta</i> , <b>2021</b> , 235, 122720	6.2	1
194	Precise Deposition of Polydopamine on Cancer Cell Membrane as Artificial Receptor for Targeted Drug Delivery. <i>IScience</i> , <b>2020</b> , 23, 101750	6.1	4
193	DNA-Programmed plasmonic ELISA for the ultrasensitive detection of protein biomarkers. <i>Analyst, The</i> , <b>2020</b> , 145, 4860-4866	5	7
192	Simultaneous imaging of lysosomal and mitochondrial viscosity during mitophagy using molecular rotors with dual-color emission. <i>Chemical Communications</i> , <b>2020</b> , 56, 7797-7800	5.8	10
191	Aptamer-based optical manipulation of protein subcellular localization in cells. <i>Nature Communications</i> , <b>2020</b> , 11, 1347	17.4	19
190	Self-Tracking Multifunctional Nanotheranostics for Sensitive miRNA Imaging Guided Photodynamic Therapy.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 2597-2603	4.1	7
189	In vivo mRNA imaging based on tripartite DNA probe mediated catalyzed hairpin assembly. <i>Chemical Communications</i> , <b>2020</b> , 56, 8782-8785	5.8	12
188	In situ conversion of layered double hydroxide arrays into nanoflowers of Ni <sub>3</sub> V <sub>10</sub> -MOF as a highly efficient and stable electrocatalyst for the oxygen evolution reaction. <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 4509-4512	5.5	10
187	Coupling bootstrap with synergy self-organizing map-based orthogonal partial least squares discriminant analysis: Stable metabolic biomarker selection for inherited metabolic diseases. <i>Talanta</i> , <b>2020</b> , 219, 121370	6.2	6
186	Activatable CRISPR Transcriptional Circuits Generate Functional RNA for mRNA Sensing and Silencing. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 18599-18604	16.4	10

185	Single-Nanoparticle ICPMS DNA Assay Based on Hybridization-Chain-Reaction-Mediated Spherical Nucleic Acid Assembly. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 2379-2382	7.8	28
184	Surface-Enhanced Infrared Absorption of Ligands on Colloidal Gold Nanowires through Resonant Coupling. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 3494-3498	7.8	1
183	Genetically encoded light-up RNA aptamers and their applications for imaging and biosensing. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 3382-3392	7.3	19
182	A tumour mRNA-triggered nanoassembly for enhanced fluorescence imaging-guided photodynamic therapy. <i>Nanoscale</i> , <b>2020</b> , 12, 8727-8731	7.7	10
181	Fluorescence determination of the activity of O-methylguanine-DNA methyltransferase based on the activation of restriction endonuclease and the use of graphene oxide. <i>Mikrochimica Acta</i> , <b>2020</b> , 187, 300	5.8	2
180	Three-dimensional DNA nanostructures for dual-color microRNA imaging in living cells via hybridization chain reaction. <i>Chemical Communications</i> , <b>2020</b> , 56, 6668-6671	5.8	8
179	RNA imaging in living mice enabled by an hybridization chain reaction circuit with a tripartite DNA probe. <i>Chemical Science</i> , <b>2020</b> , 11, 62-69	9.4	38
178	Engineering HO Self-Supplying Nanotheranostic Platform for Targeted and Imaging-Guided Chemodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 288-297	9.5	51
177	Activatable CRISPR Transcriptional Circuits Generate Functional RNA for mRNA Sensing and Silencing. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 18758-18763	3.6	1
176	Cascade Circuits on Self-Assembled DNA Polymers for Targeted RNA Imaging In Vivo. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 15953-15958	7.8	7
175	Gold Nanoflares with Computing Function as Smart Diagnostic Automata for Multi-miRNA Patterns in Living Cells. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 10925-10929	7.8	11
174	Aptamer-Directed Protein-Specific Multiple Modifications of Membrane Glycoproteins on Living Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 37845-37850	9.5	15
173	Construction of Organelle-Like Architecture by Dynamic DNA Assembly in Living Cells. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 20651-20658	16.4	22
172	Construction of Organelle-Like Architecture by Dynamic DNA Assembly in Living Cells. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 20832-20839	3.6	4
171	Self-Assembly of a Dual-Targeting and Self-Calibrating Ratiometric Polymer Nanoprobe for Accurate Hypochlorous Acid Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 45822-45829	9.5	27
170	A bipedal DNA nanowalker fueled by catalytic assembly for imaging of base-excision repairing in living cells. <i>Chemical Science</i> , <b>2020</b> , 11, 10361-10366	9.4	18
169	A bispecific circular aptamer tethering a built-in universal molecular tag for functional protein delivery. <i>Chemical Science</i> , <b>2020</b> , 11, 9648-9654	9.4	5
168	Homogeneous label-free protein binding assay using small-molecule-labeled DNA nanomachine with DNAzyme-Based chemiluminescence detection. <i>Talanta</i> , <b>2020</b> , 206, 120175	6.2	6

167	A DNA-mediated crosslinking strategy to enhance cellular delivery and sensor performance of protein spherical nucleic acids. <i>Chemical Science</i> , <b>2020</b> , 12, 1803-1809	9.4	4
166	A near infrared fluorescent probe for the detection and imaging of prolyl aminopeptidase activity in living cells. <i>Analyst, The</i> , <b>2019</b> , 144, 5980-5985	5	5
165	Single particle ICP-MS-based absolute and relative quantification of E. coli O157 16S rRNA using sandwich hybridization capture. <i>Analyst, The</i> , <b>2019</b> , 144, 1725-1730	5	5
164	Programmable Self-Assembly of Protein-Scaffolded DNA Nanohydrogels for Tumor-Targeted Imaging and Therapy. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 2610-2614	7.8	22
163	Mitochondrial-targeted near-infrared fluorescence probe for selective detection of fluoride ions in living cells. <i>Talanta</i> , <b>2019</b> , 204, 655-662	6.2	17
162	DNAzyme activated protein-scaffolded CRISPR-Cas9 nanoassembly for genome editing. <i>Chemical Communications</i> , <b>2019</b> , 55, 6511-6514	5.8	9
161	Proximity-induced hybridization chain assembly with small-molecule linked DNA for single-step amplified detection of antibodies. <i>Chemical Communications</i> , <b>2019</b> , 55, 4387-4390	5.8	13
160	Crosslinking catalytic hairpin assembly for high-contrast imaging of multiple mRNAs in living cells. <i>Chemical Communications</i> , <b>2019</b> , 55, 3899-3902	5.8	22
159	A single promoter system co-expressing RNA sensor with fluorescent proteins for quantitative mRNA imaging in living tumor cells. <i>Chemical Science</i> , <b>2019</b> , 10, 4828-4833	9.4	13
158	Mitochondrion-Targeting Fluorescence Probe via Reduction Induced Charge Transfer for Fast Methionine Sulfoxide Reductases Imaging. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 5489-5493	7.8	14
157	Engineering an NIR rhodol derivative with spirocyclic ring-opening activation for high-contrast photoacoustic imaging. <i>Chemical Science</i> , <b>2019</b> , 10, 9257-9264	9.4	19
156	Recombinant Fusion Streptavidin as a Scaffold for DNA Nanotetrads for Nucleic Acid Delivery and Telomerase Activity Imaging in Living Cells. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 9361-9365	7.8	12
155	Quantitative Surface Plasmon Interferometry via Upconversion Photoluminescence Mapping. <i>Research</i> , <b>2019</b> , 2019, 8304824	7.8	2
154	An intramolecular charge transfer and excited state intramolecular proton transfer based fluorescent probe for highly selective detection and imaging of formaldehyde in living cells. <i>Analyst, The</i> , <b>2019</b> , 144, 6922-6927	5	7
153	A novel algorithm for second-order calibration of three-way data in fluorescence assays of multiple breast cancer-related DNAs. <i>Talanta</i> , <b>2019</b> , 195, 433-440	6.2	3
152	Single-step, high-specificity detection of single nucleotide mutation by primer-activatable loop-mediated isothermal amplification (PA-LAMP). <i>Analytica Chimica Acta</i> , <b>2019</b> , 1050, 132-138	6.6	11
151	Development of large Stokes shift, near-infrared fluorescence probe for rapid and bioorthogonal imaging of nitroxyl (HNO) in living cells. <i>Talanta</i> , <b>2019</b> , 193, 152-160	6.2	11
150	Spinach-based fluorescent light-up biosensors for multiplexed and label-free detection of microRNAs. <i>Chemical Communications</i> , <b>2018</b> , 54, 3010-3013	5.8	45

149	New Heteropolycyclic Structures for Fluoride Anion Sensing by Naked-Eye Visualization. <i>ChemistrySelect</i> , <b>2018</b> , 3, 2336-2342	1.8	6
148	Activatable Fluorescence Probe via Self-Immolative Intramolecular Cyclization for Histone Deacetylase Imaging in Live Cells and Tissues. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 5534-5539	7.8	29
147	Graphitic carbon nitride nanosheets-based turn-on fluorescent biosensor for highly sensitive, label-free detection of adenylate kinase activity. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 267, 231-236	8.5	7
146	Conjugated polymer nanoparticles-based fluorescent biosensor for ultrasensitive detection of hydroquinone. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1012, 60-65	6.6	40
145	Osiers-sprout-like heteroatom-doped carbon nanofibers as ultrastable anodes for lithium/sodium ion storage. <i>Nano Research</i> , <b>2018</b> , 11, 3791-3801	10	12
144	Branched Hybridization Chain Reaction Circuit for Ultrasensitive Localizable Imaging of mRNA in Living Cells. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 1502-1505	7.8	61
143	Protein scaffolded DNA tetrads enable efficient delivery and ultrasensitive imaging of miRNA through crosslinking hybridization chain reaction. <i>Chemical Science</i> , <b>2018</b> , 9, 4892-4897	9.4	47
142	Simultaneous detection of multiple inherited metabolic diseases using GC-MS urinary metabolomics by chemometrics multi-class classification strategies. <i>Talanta</i> , <b>2018</b> , 186, 489-496	6.2	13
141	Encapsulation of ionic nanoparticles produces reactive oxygen species (ROS)-responsive microgel useful for molecular detection. <i>Chemical Communications</i> , <b>2018</b> , 54, 4329-4332	5.8	8
140	Tumor-Targeted Graphitic Carbon Nitride Nanoassembly for Activatable Two-Photon Fluorescence Imaging. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 4649-4656	7.8	36
139	Human mesenchymal-stem-cells-derived exosomes are important in enhancing porcine islet resistance to hypoxia. <i>Xenotransplantation</i> , <b>2018</b> , 25, e12405	2.8	26
138	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
137	Light-up RNA aptamer enabled label-free protein detection via a proximity induced transcription assay. <i>Chemical Communications</i> , <b>2018</b> , 54, 8877-8880	5.8	20
136	Engineering Organelle-Specific Molecular Viscosimeters Using Aggregation-Induced Emission Luminogens for Live Cell Imaging. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 8736-8741	7.8	53
135	Target induced reconstruction of DNAzymatic amplifier nanomachines in living cells for concurrent imaging and gene silencing. <i>Chemical Communications</i> , <b>2018</b> , 54, 10626-10629	5.8	15
134	Small molecule-linked programmable DNA for washing-free imaging of cell surface biomarkers. <i>Talanta</i> , <b>2018</b> , 190, 429-435	6.2	10
133	Immunoreaction-Mediated Aggregation of Gold Nanoparticles for Sensitive and Selective Assay of Hepatitis B Surface Antigen. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2018</b> , 18, 1083-1088	1.3	1
132	BEAMing LAMP: single-molecule capture and on-bead isothermal amplification for digital detection of hepatitis C virus in plasma. <i>Chemical Communications</i> , <b>2018</b> , 54, 291-294	5.8	13

131	Culturing with modified EGM2 medium enhances porcine neonatal islet-like cell clusters resistance to apoptosis in islet xenotransplantation. <i>Xenotransplantation</i> , <b>2018</b> , 25, e12358	2.8	7
130	Survey of Four Groups of Cumulative Pesticide Residues in 12 Vegetables in 15 Provinces in China. <i>Journal of Food Protection</i> , <b>2018</b> , 81, 377-385	2.5	14
129	A novel mitochondrial-targeting near-infrared fluorescent probe for imaging $\beta$ -glutamyl transpeptidase activity in living cells. <i>Analyst, The</i> , <b>2018</b> , 143, 5530-5535	5	11
128	Amplified Split Aptamer Sensor Delivered Using Block Copolymer Nanoparticles for Small Molecule Imaging in Living Cells. <i>ACS Sensors</i> , <b>2018</b> , 3, 2526-2531	9.2	21
127	Bioanalytical Chemistry, Biosensors <b>2018</b> , 1-28		
126	Synthesis and properties of tetracyanoquinodimethane derivatives. <i>Heterocyclic Communications</i> , <b>2018</b> , 24, 249-254	1.7	1
125	DNA Polymer Nanoparticles Programmed via Supersandwich Hybridization for Imaging and Therapy of Cancer Cells. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 12951-12958	7.8	35
124	Coatings super-repellent to ultralow surface tension liquids. <i>Nature Materials</i> , <b>2018</b> , 17, 1040-1047	27	190
123	Multivalent Self-Assembled DNA Polymer for Tumor-Targeted Delivery and Live Cell Imaging of Telomerase Activity. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 13188-13192	7.8	24
122	Aggregation-Induced Emission-Based Fluorescence Probe for Fast and Sensitive Imaging of Formaldehyde in Living Cells. <i>ACS Omega</i> , <b>2018</b> , 3, 14417-14422	3.9	14
121	Cell Surface-Anchored DNA Nanomachine for Dynamically Tunable Sensing and Imaging of Extracellular pH. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 11198-11202	7.8	32
120	Tumor-selective catalytic nanosystem for activatable theranostics. <i>Chemical Communications</i> , <b>2018</b> , 54, 8214-8217	5.8	32
119	In Situ Imaging of Individual mRNA Mutation in Single Cells Using Ligation-Mediated Branched Hybridization Chain Reaction (Ligation-bHCR). <i>Analytical Chemistry</i> , <b>2017</b> , 89, 3445-3451	7.8	44
118	An azidocoumarin-based fluorescent probe for imaging lysosomal hydrogen sulfide in living cells. <i>Analytical Methods</i> , <b>2017</b> , 9, 2859-2864	3.2	12
117	Cobalt oxyhydroxide nanoflakes with intrinsic peroxidase catalytic activity and their application to serum glucose detection. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 4225-4232	4.4	40
116	A novel off-on fluorescent probe for sensitive imaging of mitochondria-specific nitroreductase activity in living tumor cells. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 4383-4389	3.9	32
115	A novel two-photon fluorescent probe with a long Stokes shift and a high signal-to-background ratio for human NAD(P)H:quinone oxidoreductase 1 (hNQO1) detection and imaging in living cells and tissues. <i>Analyst, The</i> , <b>2017</b> , 142, 2624-2630	5	23
114	Proton-Fueled, Reversible DNA Hybridization Chain Assembly for pH Sensing and Imaging. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 6944-6947	7.8	21

113	Enzyme mediated assembly of gold nanoparticles for ultrasensitive colorimetric detection of hepatitis C virus antibody. <i>Analytical Methods</i> , <b>2017</b> , 9, 3777-3781	3.2	6
112	Imaging Endogenous Metal Ions in Living Cells Using a DNAzyme-Catalytic Hairpin Assembly Probe. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 8721-8725	16.4	137
111	Imaging Endogenous Metal Ions in Living Cells Using a DNAzyme-Catalytic Hairpin Assembly Probe. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 8847-8851	3.6	35
110	Aptamer-based fluorometric determination of ATP by using target-cycling strand displacement amplification and copper nanoclusters. <i>Mikrochimica Acta</i> , <b>2017</b> , 184, 4183-4188	5.8	22
109	A novel mitochondria-targeted near-infrared fluorescence probe for ultrafast and ratiometric detection of SO derivatives in live cells. <i>Talanta</i> , <b>2017</b> , 168, 203-209	6.2	28
108	Enhancement of the Intrinsic Peroxidase-Like Activity of Graphitic Carbon Nitride Nanosheets by ssDNAs and Its Application for Detection of Exosomes. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 12327-12333	7.8	156
107	Mitochondrion-Targeting, Environment-Sensitive Red Fluorescent Probe for Highly Sensitive Detection and Imaging of Vicinal Dithiol-Containing Proteins. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 11203-11207	7.8	19
106	A ratiometric fluorescent pH probe based on keto-enol tautomerization for imaging of living cells in extreme acidity. <i>Analyst, The</i> , <b>2017</b> , 142, 3906-3912	5	20
105	A label-free and highly sensitive strategy for uracil-DNA glycosylase activity detection based on stem-loop primer-mediated exponential amplification (SPEA). <i>Analytica Chimica Acta</i> , <b>2017</b> , 991, 127-132	6.6	16
104	Genetically Encoded Fluorescent RNA Sensor for Ratiometric Imaging of MicroRNA in Living Tumor Cells. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 9779-9782	16.4	130
103	Nanopore biosensor for sensitive and label-free nucleic acid detection based on hybridization chain reaction amplification. <i>Talanta</i> , <b>2017</b> , 175, 121-126	6.2	25
102	Enzyme-free, signal-amplified nucleic acid circuits for biosensing and bioimaging analysis. <i>Analyst, The</i> , <b>2017</b> , 142, 3048-3061	5	29
101	A novel fluorescent probe for sensitive detection and imaging of hydrazine in living cells. <i>Talanta</i> , <b>2017</b> , 162, 225-231	6.2	40
100	Discerning the Chemistry in Individual Organelles with Small-Molecule Fluorescent Probes. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 13658-13699	16.4	484
99	Graphene oxide based DNA nanoswitches as a programmable pH-responsive biosensor. <i>Analytical Methods</i> , <b>2016</b> , 8, 6982-6985	3.2	6
98	Graphitic Carbon Nitride Nanosheets-Based Ratiometric Fluorescent Probe for Highly Sensitive Detection of HO and Glucose. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 33439-33445	9.5	130
97	Surface Enhanced Laser Desorption Ionization of Phospholipids on Gold Nanoparticles for Mass Spectrometric Immunoassay. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 9881-9884	7.8	15
96	Mass spectrometry based trinucleotide repeat sequence detection using target fragment assay. <i>Analytical Methods</i> , <b>2016</b> , 8, 5039-5044	3.2	3



95	Melanin-Like Nanoquencher on Graphitic Carbon Nitride Nanosheets for Tyrosinase Activity and Inhibitor Assay. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 8355-8	7.8	59
94	Loop-mediated isothermal amplification (LAMP): real-time methods for the detection of the survivin gene in cancer cells. <i>Analytical Methods</i> , <b>2016</b> , 8, 6277-6283	3.2	4
93	An activatable fluorescent probe with an ultrafast response and large Stokes shift for live cell bioimaging of hypochlorous acid. <i>RSC Advances</i> , <b>2016</b> , 6, 107910-107915	3.7	7
92	Ultrasensitive detection of microRNAs using catalytic hairpin assembly coupled with enzymatic repairing amplification. <i>Chemical Communications</i> , <b>2016</b> , 52, 13584-13587	5.8	31
91	Silver nanocluster-lightened hybridization chain reaction. <i>RSC Advances</i> , <b>2016</b> , 6, 57502-57506	3.7	4
90	Plasmon Coupling Enhanced Raman Scattering Nanobeacon for Single-Step, Ultrasensitive Detection of Cholera Toxin. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 7447-52	7.8	15
89	Enzymatic activatable self-assembled peptide nanowire for targeted therapy and fluorescence imaging of tumors. <i>Chemical Communications</i> , <b>2016</b> , 52, 3631-4	5.8	14
88	Determination of benzo[a]pyrene in cigarette mainstream smoke by using mid-infrared spectroscopy associated with a novel chemometric algorithm. <i>Analytica Chimica Acta</i> , <b>2016</b> , 902, 43-49	6.6	7
87	Conformational switching of G-quadruplexes as a label-free platform for the fluorescence detection of Ag <sup>+</sup> and biothiols. <i>Analytical Methods</i> , <b>2016</b> , 8, 311-315	3.2	8
86	A fluorescent graphitic carbon nitride nanosheet biosensor for highly sensitive, label-free detection of alkaline phosphatase. <i>Nanoscale</i> , <b>2016</b> , 8, 4727-32	7.7	82
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