

Xiao-bing Zhang

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.

261
papers

13,947
citations

64
h-index

108
g-index

282
ext. papers

17,103
ext. citations

9.4
avg. IF

6.91
L-index

#	Paper	IF	Citations
261	Single-stranded circular DNA theranostics.. <i>Theranostics</i> , 2022 , 12, 35-47	12.1	1
260	Chemical Design of Activatable Photoacoustic Probes for Precise Biomedical Applications.. <i>Chemical Reviews</i> , 2022 ,	68.1	10
259	Ratiometric afterglow luminescent nanoplatfrom enables reliable quantification and molecular imaging.. <i>Nature Communications</i> , 2022 , 13, 2216	17.4	7
258	A synergistic strategy to develop photostable and bright dyes with long Stokes shift for nanoscopy.. <i>Nature Communications</i> , 2022 , 13, 2264	17.4	9
257	Progress and Perspective of Solid-State Organic Fluorophores for Biomedical Applications. <i>Journal of the American Chemical Society</i> , 2021 ,	16.4	12
256	Plasmonic Imaging of Dynamic Interactions between Membrane Receptor Clusters beyond the Diffraction Limit in Live Cells. <i>Analytical Chemistry</i> , 2021 ,	7.8	2
255	Design Strategy of Fluorescent Probes for Live Drug-Induced Acute Liver Injury Imaging. <i>Accounts of Chemical Research</i> , 2021 , 54, 403-415	24.3	44
254	Dual-Stimulus Responsive Near-Infrared Reversible Ratiometric Fluorescent and Photoacoustic Probe for Tumor Imaging. <i>Analytical Chemistry</i> , 2021 , 93, 5420-5429	7.8	18
253	An Acidity-Unlocked Magnetic Nanoplatfrom Enables Self-Boosting ROS Generation through Upregulation of Lactate for Imaging-Guided Highly Specific Chemodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9562-9572	16.4	47
252	An Acidity-Unlocked Magnetic Nanoplatfrom Enables Self-Boosting ROS Generation through Upregulation of Lactate for Imaging-Guided Highly Specific Chemodynamic Therapy. <i>Angewandte Chemie</i> , 2021 , 133, 9648-9658	3.6	7
251	Probing Dynamic Features of Phagosome Maturation in Macrophage using Au@MnO @SiO Nanoparticles as pH-Sensitive Plasmonic Nanoprobes. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 1150-1156	4.5	2
250	CRISPR-Cas12a System for Biosensing and Gene Regulation. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 857-867	4.5	4
249	Exploring the Trans-Cleavage Activity of CRISPR/Cas12a on Gold Nanoparticles for Stable and Sensitive Biosensing. <i>Analytical Chemistry</i> , 2021 , 93, 4967-4974	7.8	22
248	Precipitated Fluorophore-Based Molecular Probe for Imaging of Aminopeptidase N in Living Cells and Tumors. <i>Analytical Chemistry</i> , 2021 , 93, 6463-6471	7.8	8
247	Activatable NIR-II Fluorescent Probes Applied in Biomedicine: Progress and Perspectives. <i>ChemMedChem</i> , 2021 , 16, 2426-2440	3.7	4
246	ManganeseFluorouracil Metallodrug Nanotheranostic for MRI-Related Drug Release and Enhanced Chemoradiotherapy. <i>CCS Chemistry</i> , 2021 , 3, 1116-1128	7.2	6
245	Ratiometric Semiconducting Polymer Nanoparticle for Reliable Photoacoustic Imaging of Pneumonia-Induced Vulnerable Atherosclerotic Plaque in Vivo. <i>Nano Letters</i> , 2021 , 21, 4484-4493	11.5	16

244	Multicolor Two-Photon Nanosystem for Multiplexed Intracellular Imaging and Targeted Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 12569-12576	16.4	15
243	Multicolor Two-Photon Nanosystem for Multiplexed Intracellular Imaging and Targeted Cancer Therapy. <i>Angewandte Chemie</i> , 2021 , 133, 12677-12684	3.6	1
242	Tumor-Specific Multipath Nucleic Acid Damages Strategy by Symbiosed Nanozyme@Enzyme with Synergistic Self-Cyclic Catalysis. <i>Small</i> , 2021 , 17, e2100766	11	3
241	Aptamer-Based Biosensors 2021 , 67-102		
240	Engineering a Second-Order DNA Logic-Gated Nanorobot to Sense and Release on Live Cell Membranes for Multiplexed Diagnosis and Synergistic Therapy. <i>Angewandte Chemie</i> , 2021 , 133, 15950-15954	3.6	1
239	Engineering a Second-Order DNA Logic-Gated Nanorobot to Sense and Release on Live Cell Membranes for Multiplexed Diagnosis and Synergistic Therapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 15816-15820	16.4	18
238	Molecular design strategy to alleviate environmental interference on two-photon fluorescence probes. <i>Cell Reports Physical Science</i> , 2021 , 2, 100471	6.1	4
237	Peroxidase-like Au@Pt nanozyme as an integrated nanosensor for Ag detection by LSPR spectroscopy. <i>Talanta</i> , 2021 , 221, 121627	6.2	20
236	Recent progress in utilizing near-infrared J-aggregates for imaging and cancer therapy. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 1076-1089	7.8	15
235	Aptamer-based fluorescent sensors for the detection of cancer biomarkers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 247, 119038	4.4	18
234	DNA origami-based protein networks: from basic construction to emerging applications. <i>Chemical Society Reviews</i> , 2021 , 50, 1846-1873	58.5	16
233	A General Strategy for Development of Activatable NIR-II Fluorescent Probes for In Vivo High-Contrast Bioimaging. <i>Angewandte Chemie</i> , 2021 , 133, 813-818	3.6	11
232	A General Strategy for Development of Activatable NIR-II Fluorescent Probes for In Vivo High-Contrast Bioimaging. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 800-805	16.4	48
231	Size-selective DNA nanocage-based activatable CRISPR-Cas12a for sensitive and accurate detection of mature microRNA. <i>Chemical Communications</i> , 2021 , 57, 3291-3294	5.8	1
230	Molecular engineering of organic-based agents for bioimaging and phototherapeutics. <i>Chemical Society Reviews</i> , 2021 , 50, 11766-11784	58.5	12
229	Framework nucleic acid-based confined enzyme cascade for efficient synergistic cancer therapy in vivo. <i>Science China Chemistry</i> , 2021 , 64, 660-665	7.9	1
228	A de novo strategy to develop NIR precipitating fluorochrome for long-term in situ cell membrane bioimaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	8
227	A Unique Multifunctional Luminescent Probe for Self-Monitoring Photodynamic Therapy by Detecting HS in Cancer Cells.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 6016-6022	4.1	2

226	Cyclic Amplification of the Afterglow Luminescent Nanoreporter Enables the Prediction of Anti-cancer Efficiency. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 19779-19789	16.4	8
225	Optical Magnetic probe for evaluating cancer therapy. <i>Coordination Chemistry Reviews</i> , 2021 , 441, 213978-2	7.2	2
224	H ₂ S-Activated One-Key Triple-Lock Bis-Metal Coordination Network for Visualizing Precise Therapy of Colon Cancer. <i>CCS Chemistry</i> , 2021 , 3, 2126-2142	7.2	4
223	Cyclic Amplification of the Afterglow Luminescent Nanoreporter Enables the Prediction of Anti-cancer Efficiency. <i>Angewandte Chemie</i> , 2021 , 133, 19932-19942	3.6	3
222	Smart Nanozyme Platform with Activity-Correlated Ratiometric Molecular Imaging for Predicting Therapeutic Effects. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 26142-26150	16.4	15
221	Two-dimensional intermetallic PtBi/Pt core/shell nanoplates overcome tumor hypoxia for enhanced cancer therapy. <i>Nanoscale</i> , 2021 , 13, 14245-14253	7.7	1
220	Activatable photoacoustic/fluorescent dual-modal probe for monitoring of drug-induced liver hypoxia in vivo. <i>Chemical Communications</i> , 2021 , 57, 8644-8647	5.8	4
219	Cell membranes targeted unimolecular prodrug for programmatic photodynamic-chemo therapy. <i>Theranostics</i> , 2021 , 11, 3502-3511	12.1	2
218	Precipitated Fluorophore-Based Probe for Accurate Detection of Mitochondrial Analytes. <i>Analytical Chemistry</i> , 2021 , 93, 2235-2243	7.8	10
217	Topological DNA Tetrahedron Encapsulated Gold Nanoparticle Enables Precise Ligand Engineering for Targeted Cell Imaging.. <i>Analytical Chemistry</i> , 2021 , 93, 17036-17042	7.8	1
216	Copper-thioguanine metallodrug with self-reinforcing circular catalysis for activatable MRI imaging and amplifying specificity of cancer therapy. <i>Science China Chemistry</i> , 2020 , 63, 924-935	7.9	19
215	MicroRNA-Initiated and Intracellular Na-Fueled DNAzyme Motor for Differentiating Molecular Subtypes of Nonsmall Cell Lung Cancer. <i>Analytical Chemistry</i> , 2020 , 92, 7404-7408	7.8	34
214	Modularly Engineered Solid-Phase Synthesis of Aptamer-Functionalized Small Molecule Drugs for Targeted Cancer Therapy. <i>Advanced Therapeutics</i> , 2020 , 3, 2000074	4.9	9
213	Imaging of peroxynitrite in drug-induced acute kidney injury with a near-infrared fluorescence and photoacoustic dual-modal molecular probe. <i>Chemical Communications</i> , 2020 , 56, 8103-8106	5.8	16
212	Engineering of a dual-site molecular probe for logical bioimaging of lysosomal HS and pH. <i>Talanta</i> , 2020 , 219, 121286	6.2	5
211	Nucleic Acid Immunotherapeutics for Cancer. <i>ACS Applied Bio Materials</i> , 2020 , 3, 2838-2849	4.1	8
210	Size-selective molecular recognition based on a confined DNA molecular sieve using cavity-tunable framework nucleic acids. <i>Nature Communications</i> , 2020 , 11, 1518	17.4	24
209	Single-Particle Mobility Analysis Enables Ratiometric Detection of Cancer Markers under Darkfield Tracking Microscopy. <i>Analytical Chemistry</i> , 2020 , 92, 10233-10240	7.8	3

208	Engineering a highly selective probe for ratiometric imaging of HS and revealing its signaling pathway in fatty liver disease. <i>Chemical Science</i> , 2020 , 11, 7991-7999	9.4	8
207	Light-free Generation of Singlet Oxygen through Manganese-Thiophene Nanosystems for pH-Responsive Chemiluminescence Imaging and Tumor Therapy. <i>CheM</i> , 2020 , 6, 2314-2334	16.2	60
206	Aptamer-Functionalized DNA Nanostructures for Biological Applications. <i>Topics in Current Chemistry</i> , 2020 , 378, 21	7.2	14
205	Engineering a Reversible Fluorescent Probe for Real-Time Live-Cell Imaging and Quantification of Mitochondrial ATP. <i>Analytical Chemistry</i> , 2020 , 92, 4681-4688	7.8	30
204	DNA nanostructure-based fluorescent probes for cellular sensing. <i>Analytical Methods</i> , 2020 , 12, 1415-1429	3.9	7
203	Oxygen-Embedded Pentacene Based Near-Infrared Chemiluminescent Nanoprobe for Highly Selective and Sensitive Visualization of Peroxynitrite In Vivo. <i>Analytical Chemistry</i> , 2020 , 92, 4154-4163	7.8	15
202	"Apollo Program" in Nanoscale: Landing and Exploring Cell-Surface with DNA Nanotechnology.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 2723-2742	4.1	13
201	Learning from Artemisinin: Bioinspired Design of a Reaction-Based Fluorescent Probe for the Selective Sensing of Labile Heme in Complex Biosystems. <i>Journal of the American Chemical Society</i> , 2020 , 142, 2129-2133	16.4	24
200	Biomaterialized nanoparticles enable an enzyme-assisted DNA signal amplification in living cells. <i>Chemical Communications</i> , 2020 , 56, 2901-2904	5.8	7
199	Achieving the ratiometric imaging of steroid sulfatase in living cells and tissues with a two-photon fluorescent probe. <i>Chemical Communications</i> , 2020 , 56, 1349-1352	5.8	14
198	Specific Core-Satellite Nanocarriers for Enhanced Intracellular ROS Generation and Synergistic Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 5403-5412	9.5	16
197	pH stimulus-disaggregated BODIPY: an activated photodynamic/photothermal sensitizer applicable to tumor ablation. <i>Chemical Communications</i> , 2020 , 56, 1956-1959	5.8	20
196	Accelerated DNAzyme-based fluorescent nanoprobe for highly sensitive microRNA detection in live cells. <i>Chemical Communications</i> , 2020 , 56, 470-473	5.8	18
195	DNAzyme-Mediated Genetically Encoded Sensors for Ratiometric Imaging of Metal Ions in Living Cells. <i>Angewandte Chemie</i> , 2020 , 132, 1907-1912	3.6	7
194	DNAzyme-Mediated Genetically Encoded Sensors for Ratiometric Imaging of Metal Ions in Living Cells. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 1891-1896	16.4	29
193	DNA Amplifier-Functionalized Metal-Organic Frameworks for Multiplexed Detection and Imaging of Intracellular mRNA. <i>ACS Sensors</i> , 2020 , 5, 103-109	9.2	30
192	Red emissive carbon dots with dual targetability for imaging polarity in living cells. <i>Sensors and Actuators B: Chemical</i> , 2020 , 306, 127582	8.5	30
191	Reactive Oxygen Correlated Chemiluminescent Imaging of a Semiconducting Polymer NanoplatforM for Monitoring Chemodynamic Therapy. <i>Nano Letters</i> , 2020 , 20, 176-183	11.5	65

190	A two-photon fluorescence self-reporting black phosphorus nanoprobe for the monitoring of therapy response. <i>Chemical Communications</i> , 2020 , 56, 14007-14010	5.8	5
189	High-Selectivity Fluorescent Reporter toward Peroxynitrite in a Coexisting Nonalcoholic Fatty Liver and Drug-Induced Liver Diseases Model. <i>Analytical Chemistry</i> , 2020 , 92, 11396-11404	7.8	28
188	Conjugated-Polymer-Based Nanomaterials for Photothermal Therapy. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 4258-4272	4.3	24
187	Activatable Magnetic/Photoacoustic Nanoplatform for Redox-Unlocked Deep-Tissue Molecular Imaging via Prussian Blue Nanoprobe. <i>Analytical Chemistry</i> , 2020 , 92, 13452-13461	7.8	14
186	DNAzyme-gold nanoparticle-based probes for biosensing and bioimaging. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 9449-9465	7.3	13
185	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2020 , 64, 1-33	7.9	33
184	A general strategy for development of a single benzene fluorophore with full-color-tunable, environmentally insensitive, and two-photon solid-state emission. <i>Chemical Communications</i> , 2019 , 55, 11462-11465	5.8	30
183	NIR-II Driven Plasmon-Enhanced Catalysis for a Timely Supply of Oxygen to Overcome Hypoxia-Induced Radiotherapy Tolerance. <i>Angewandte Chemie</i> , 2019 , 131, 15213-15219	3.6	11
182	Monitoring Telomerase Activity in Living Cells with High Sensitivity Using Cascade Amplification Reaction-Based Nanoprobe. <i>Analytical Chemistry</i> , 2019 , 91, 13143-13151	7.8	31
181	Nanoscale Metal-Organic Framework Based Two-Photon Sensing Platform for Bioimaging in Live Tissue. <i>Analytical Chemistry</i> , 2019 , 91, 2727-2733	7.8	46
180	A cell membrane-anchored fluorescent probe for monitoring carbon monoxide release from living cells. <i>Chemical Science</i> , 2019 , 10, 320-325	9.4	72
179	Smart Nanodrug with Nuclear Localization Sequences in the Presence of MMP-2 To Overcome Biobarriers and Drug Resistance. <i>Chemistry - A European Journal</i> , 2019 , 25, 1895-1900	4.8	12
178	Efficient and Reliable MicroRNA Imaging in Living Cells via a FRET-Based Localized Hairpin-DNA Cascade Amplifier. <i>Analytical Chemistry</i> , 2019 , 91, 3675-3680	7.8	56
177	Engineering of a bioluminescent probe for imaging nitroxyl in live cells and mice. <i>Chemical Communications</i> , 2019 , 55, 1758-1761	5.8	14
176	Hydrogen-Bond-Induced Emission of Carbon Dots for Wash-Free Nucleus Imaging. <i>Analytical Chemistry</i> , 2019 , 91, 9259-9265	7.8	64
175	Near-Infrared Fluorescent Furin Probe for Revealing the Role of Furin in Cellular Carcinogenesis and Specific Cancer Imaging. <i>Analytical Chemistry</i> , 2019 , 91, 9682-9689	7.8	20
174	Sequential Protein-Responsive Nanophotosensitizer Complex for Enhancing Tumor-Specific Therapy. <i>ACS Nano</i> , 2019 , 13, 6702-6710	16.7	38
173	DNA-supramolecule conjugates in theranostics. <i>Theranostics</i> , 2019 , 9, 3262-3279	12.1	10

172	A long wavelength emission two-photon fluorescent probe for highly selective detection of cysteine in living cells and an inflamed mouse model. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 3970-3975	7.3	22
171	Persistent Regulation of Tumor Microenvironment via Circulating Catalysis of MnFe ₂ O ₄ @Metal-Organic Frameworks for Enhanced Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2019 , 29, 1901417	15.6	130
170	Engineering Self-Calibrating Nanoprobes with Two-Photon-Activated Fluorescence Resonance Energy Transfer for Ratiometric Imaging of Biological Selenocysteine. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 17722-17729	9.5	19
169	De Novo Design of Chemical Stability Near-Infrared Molecular Probes for High-Fidelity Hepatotoxicity Evaluation In Vivo. <i>Journal of the American Chemical Society</i> , 2019 , 141, 6352-6361	16.4	136
168	Donor and Ring-Fusing Engineering for Far-Red to Near-Infrared Triphenylpyrylium Fluorophores with Enhanced Fluorescence Performance for Sensing and Imaging. <i>Chemistry - A European Journal</i> , 2019 , 25, 6973-6979	4.8	11
167	A novel ratiometric and reversible fluorescence probe with a large Stokes shift for Cu based on a new clamp-on unit. <i>Analytica Chimica Acta</i> , 2019 , 1065, 134-141	6.6	29
166	A bioluminescent probe for imaging endogenous hydrogen polysulfides in live cells and a murine model of bacterial infection. <i>Chemical Communications</i> , 2019 , 55, 4487-4490	5.8	11
165	Recent Progress in Small-Molecule Near-IR Probes for Bioimaging. <i>Trends in Chemistry</i> , 2019 , 1, 224-234	14.8	88
164	Two-Photon Supramolecular Nanoplatfom for Ratiometric Bioimaging. <i>Analytical Chemistry</i> , 2019 , 91, 6371-6377	7.8	16
163	Engineering of Bioinspired, Size-Controllable, Self-Degradable Cancer-Targeting DNA Nanoflowers via the Incorporation of an Artificial Sandwich Base. <i>Journal of the American Chemical Society</i> , 2019 , 141, 4282-4290	16.4	82
162	Hybridization chain reaction-based nanoprobe for cancer cell recognition and amplified photodynamic therapy. <i>Chemical Communications</i> , 2019 , 55, 3065-3068	5.8	21
161	Valency-Controlled Molecular Spherical Nucleic Acids with Tunable Biosensing Performances. <i>Analytical Chemistry</i> , 2019 , 91, 11374-11379	7.8	10
160	Tumor-acidity activated surface charge conversion of two-photon fluorescent nanoprobe for enhanced cellular uptake and targeted imaging of intracellular hydrogen peroxide. <i>Chemical Science</i> , 2019 , 10, 9351-9357	9.4	13
159	A surface-engineered NIR light-responsive actuator for controllable modulation of collective cell migration. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 5528-5534	7.3	4
158	Engineering dithiobenzoic acid lactone-decorated Si-rhodamine as a highly selective near-infrared HOCl fluorescent probe for imaging drug-induced acute nephrotoxicity. <i>Chemical Communications</i> , 2019 , 55, 10916-10919	5.8	33
157	NIR-II Driven Plasmon-Enhanced Catalysis for a Timely Supply of Oxygen to Overcome Hypoxia-Induced Radiotherapy Tolerance. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 15069-15075	16.4	84
156	Nitric Oxide-Activated "Dual-Key-One-Lock" Nanoprobe for in Vivo Molecular Imaging and High-Specificity Cancer Therapy. <i>Journal of the American Chemical Society</i> , 2019 , 141, 13572-13581	16.4	76
155	Recent advances in molecular fluorescent probes for organic phosphate biomolecules recognition. <i>Chinese Chemical Letters</i> , 2019 , 30, 1775-1790	8.1	38

154	Recent advances in organic-dye-based photoacoustic probes for biosensing and bioimaging. <i>Science China Chemistry</i> , 2019 , 62, 1275-1285	7.9	32
153	Oxygen-Embedded Quinoidal Acene Based Semiconducting Chromophore Nanoprobe for Amplified Photoacoustic Imaging and Photothermal Therapy. <i>Analytical Chemistry</i> , 2019 , 91, 15275-15283	7.8	14
152	Chromophore-Modified Highly Selective Ratiometric Upconversion Nanoprobes for Detection of ONOO ⁻ -Related Hepatotoxicity In Vivo. <i>Small</i> , 2019 , 15, e1902737	11	34
151	Ultrasound assisted one-step synthesis of Au@Pt dendritic nanoparticles with enhanced NIR absorption for photothermal cancer therapy.. <i>RSC Advances</i> , 2019 , 9, 28541-28547	3.7	16
150	therapeutic response monitoring by a self-reporting upconverting covalent organic framework nanoplatform. <i>Chemical Science</i> , 2019 , 11, 1299-1306	9.4	54
149	A dual factor activated metal-organic framework hybrid nanoplatform for photoacoustic imaging and synergetic photo-chemotherapy. <i>Nanoscale</i> , 2019 , 11, 20630-20637	7.7	27
148	Evolving a Unique Red-Emitting Fluorophore with an Optically Tunable Hydroxy Group for Imaging Nitroreductase in Cells, in Tissues, and in Vivo. <i>Analytical Chemistry</i> , 2019 , 91, 15974-15981	7.8	25
147	A "Double-Locked" and enzyme-activated molecular probe for accurate bioimaging and hepatopathy differentiation. <i>Chemical Science</i> , 2019 , 10, 10931-10936	9.4	45
146	Lesson from Nature: Biomimetic Self-Assembling Phthalocyanines for High-Efficient Photothermal Therapy within the Biological Transparent Window. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 3800-3808	9.5	28
145	A Bioluminescent Probe for Imaging Endogenous Peroxynitrite in Living Cells and Mice. <i>Analytical Chemistry</i> , 2018 , 90, 4167-4173	7.8	60
144	Enhancing the Anti-Solvatochromic Two-Photon Fluorescence for Cirrhosis Imaging by Forming a Hydrogen-Bond Network. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7473-7477	16.4	60
143	An MTH1-targeted nanosystem for enhanced PDT via improving cellular sensitivity to reactive oxygen species. <i>Chemical Communications</i> , 2018 , 54, 4310-4313	5.8	18
142	Two-Photon DNAzyme-Gold Nanoparticle Probe for Imaging Intracellular Metal Ions. <i>Analytical Chemistry</i> , 2018 , 90, 3118-3123	7.8	55
141	Engineering a customized nanodrug delivery system at the cellular level for targeted cancer therapy. <i>Science China Chemistry</i> , 2018 , 61, 497-504	7.9	15
140	Enhanced Targeted Gene Transduction: AAV2 Vectors Conjugated to Multiple Aptamers via Reducible Disulfide Linkages. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2-5	16.4	30
139	Comprehensive Regression Model for Dissociation Equilibria of Cell-Specific Aptamers. <i>Analytical Chemistry</i> , 2018 , 90, 10487-10493	7.8	2
138	Engineering a 3D DNA-Logic Gate Nanomachine for Bispecific Recognition and Computing on Target Cell Surfaces. <i>Journal of the American Chemical Society</i> , 2018 , 140, 9793-9796	16.4	145
137	Constructing Smart Protocells with Built-In DNA Computational Core to Eliminate Exogenous Challenge. <i>Journal of the American Chemical Society</i> , 2018 , 140, 6912-6920	16.4	31

136	Recent progresses in small-molecule enzymatic fluorescent probes for cancer imaging. <i>Chemical Society Reviews</i> , 2018 , 47, 7140-7180	58.5	462
135	Aptamer-functionalized nanoscale metal-organic frameworks for targeted photodynamic therapy. <i>Theranostics</i> , 2018 , 8, 4332-4344	12.1	49
134	Nanoscale zeolitic imidazole framework-90: selective, sensitive and dual-excitation ratiometric fluorescent detection of hazardous Cr(VI) anions in aqueous media. <i>New Journal of Chemistry</i> , 2018 , 42, 12549-12556	3.6	19
133	mRNA-Initiated, Three-Dimensional DNA Amplifier Able to Function inside Living Cells. <i>Journal of the American Chemical Society</i> , 2018 , 140, 258-263	16.4	150
132	Optical Control of Metal Ion Probes in Cells and Zebrafish Using Highly Selective DNAzymes Conjugated to Upconversion Nanoparticles. <i>Journal of the American Chemical Society</i> , 2018 , 140, 17656-17665	16.4	128
131	In Situ Imaging of Furin Activity with a Highly Stable Probe by Releasing of Precipitating Fluorochrome. <i>Analytical Chemistry</i> , 2018 , 90, 11680-11687	7.8	22
130	Visualization of oxidative injury in the mouse kidney using selective superoxide anion fluorescent probes. <i>Chemical Science</i> , 2018 , 9, 7606-7613	9.4	57
129	Ultrathin two-dimensional covalent organic framework nanoprobe for interference-resistant two-photon fluorescence bioimaging. <i>Chemical Science</i> , 2018 , 9, 8402-8408	9.4	86
128	Enhancing the Anti-Solvatochromic Two-Photon Fluorescence for Cirrhosis Imaging by Forming a Hydrogen-Bond Network. <i>Angewandte Chemie</i> , 2018 , 130, 7595-7599	3.6	8
127	Fluorinated DNA Micelles: Synthesis and Properties. <i>Analytical Chemistry</i> , 2018 , 90, 6843-6850	7.8	16
126	Versatile synthesis of MnO nanolayers on upconversion nanoparticles and their application in inactivatable fluorescence and MRI imaging. <i>Chemical Science</i> , 2018 , 9, 5427-5434	9.4	43
125	Detection of analytes in mitochondria without interference from other sites based on an innovative ratiometric fluorophore. <i>Chemical Science</i> , 2018 , 9, 5461-5466	9.4	44
124	A General Method To Increase Stokes Shift by Introducing Alternating Vibronic Structures. <i>Journal of the American Chemical Society</i> , 2018 , 140, 7716-7722	16.4	160
123	Size-tunable two-dimensional Pd@Au nanoplates as a platform for fluorescence sensing. <i>Journal of the Chinese Chemical Society</i> , 2018 , 65, 1251-1258	1.5	1
122	Engineering of a near-infrared fluorescent probe for real-time simultaneous visualization of intracellular hypoxia and induced mitophagy. <i>Chemical Science</i> , 2018 , 9, 5347-5353	9.4	93
121	Two-dimensional graphitic carbon nitride nanosheets for biosensing applications. <i>Biosensors and Bioelectronics</i> , 2017 , 89, 212-223	11.8	89
120	Near Infrared Graphene Quantum Dots-Based Two-Photon Nanoprobe for Direct Bioimaging of Endogenous Ascorbic Acid in Living Cells. <i>Analytical Chemistry</i> , 2017 , 89, 4077-4084	7.8	126
119	Tetraphenylethene derivative modified DNA oligonucleotide for in situ potassium ion detection and imaging in living cells. <i>Talanta</i> , 2017 , 167, 550-556	6.2	20

118	A universal aptameric biosensor: Multiplexed detection of small analytes via aggregated perylene-based broad-spectrum quencher. <i>Biosensors and Bioelectronics</i> , 2017 , 92, 40-46	11.8	21
117	An efficient two-photon fluorescent probe for measuring β -glutamyltranspeptidase activity during the oxidative stress process in tumor cells and tissues. <i>Analyt. Chem.</i> , 2017 , 142, 1813-1820	5	25
116	In vivo imaging of alkaline phosphatase in tumor-bearing mouse model by a promising near-infrared fluorescent probe. <i>Talanta</i> , 2017 , 175, 421-426	6.2	41
115	Selective Visualization of the Endogenous Peroxynitrite in an Inflamed Mouse Model by a Mitochondria-Targetable Two-Photon Ratiometric Fluorescent Probe. <i>Journal of the American Chemical Society</i> , 2017 , 139, 285-292	16.4	318
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