Xiao-bing Zhang

List of Publications by Year
in descending order

276	20,075	8732	14702
papers	citations	75 h-index	127 g-index

282	282	282	14943
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent progresses in small-molecule enzymatic fluorescent probes for cancer imaging. Chemical Society Reviews, 2018, 47, 7140-7180.	18.7	689
2	Activatable Fluorescence/MRI Bimodal Platform for Tumor Cell Imaging via MnO₂ Nanosheetâ€“Aptamer Nanoprobe. Journal of the American Chemical Society, 2014, 136, 11220-11223.	6.6	522
3	Aptamer-integrated DNA nanostructures for biosensing, bioimaging and cancer therapy. Chemical Society Reviews, 2016, 45, 2583-2602.	18.7	513
4	A Smart Photosensitizerâ€“Manganese Dioxide Nanosystem for Enhanced Photodynamic Therapy by Reducing Glutathione Levels in Cancer Cells. Angewandte Chemie - International Edition, 2016, 55, 5477-5482.	7.2	471
5	Selective Visualization of the Endogenous Peroxynitrite in an Inflamed Mouse Model by a Mitochondria-Targetable Two-Photon Ratiometric Fluorescent Probe. Journal of the American Chemical Society, 2017, 139, 285-292.	6.6	407
6	Grapheneâ€“DNAzyme Based Biosensor for Amplified Fluorescence â€œTurn-Onâ€•Detection of Pb²⁺ with a High Selectivity. Analytical Chemistry, 2011, 83, 5062-5066.	3.2	389
7	Noncanonical Self-Assembly of Multifunctional DNA Nanoflowers for Biomedical Applications. Journal of the American Chemical Society, 2013, 135, 16438-16445.	6.6	357
8	Metal Ion Sensors Based on DNAzymes and Related DNA Molecules. Annual Review of Analytical Chemistry, 2011, 4, 105-128.	2.8	327
9	Functional DNA-Containing Nanomaterials: Cellular Applications in Biosensing, Imaging, and Targeted Therapy. Accounts of Chemical Research, 2014, 47, 1891-1901.	7.6	317
10	A General Method To Increase Stokes Shift by Introducing Alternating Vibronic Structures. Journal of the American Chemical Society, 2018, 140, 7716-7722.	6.6	290
11	DNA Nanoflowers for Multiplexed Cellular Imaging and Traceable Targeted Drug Delivery. Angewandte Chemie - International Edition, 2014, 53, 5821-5826.	7.2	274
12	DNAzyme-based biosensors and nanodevices. Chemical Communications, 2015, 51, 979-995.	2.2	263
13	A Smart DNAzymeâ€“MnO₂ Nanosystem for Efficient Gene Silencing. Angewandte Chemie - International Edition, 2015, 54, 4801-4805.	7.2	253
14	Molecular Engineering of a TBET-Based Two-Photon Fluorescent Probe for Ratiometric Imaging of Living Cells and Tissues. Journal of the American Chemical Society, 2014, 136, 9838-9841.	6.6	246
15	Fluorescence Resonance Energy Transfer-Based DNA Tetrahedron Nanotweezer for Highly Reliable Detection of Tumor-Related mRNA in Living Cells. ACS Nano, 2017, 11, 4060-4066.	7.3	233
16	mRNA-Initiated, Three-Dimensional DNA Amplifier Able to Function inside Living Cells. Journal of the American Chemical Society, 2018, 140, 258-263.	6.6	233
17	De Novo Design of Chemical Stability Near-Infrared Molecular Probes for High-Fidelity Hepatotoxicity Evaluation In Vivo. Journal of the American Chemical Society, 2019, 141, 6352-6361.	6.6	230
18	A Ligation-Triggered DNAzyme Cascade for Amplified Fluorescence Detection of Biological Small Molecules with Zero-Background Signal. Journal of the American Chemical Society, 2011, 133, 11686-11691.	6.6	220

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19	Catalytic and Molecular Beacons for Amplified Detection of Metal Ions and Organic Molecules with High Sensitivity. Analytical Chemistry, 2010, 82, 5005-5011.	3.2	217
20	Persistent Regulation of Tumor Microenvironment via Circulating Catalysis of MnFe₂O₄@Metalâ€“Organic Frameworks for Enhanced Photodynamic Therapy. Advanced Functional Materials, 2019, 29, 1901417.	7.8	217
21	Engineering a 3D DNA-Logic Gate Nanomachine for Bispecific Recognition and Computing on Target Cell Surfaces. Journal of the American Chemical Society, 2018, 140, 9793-9796.	6.6	214
22	An Optical Fiber Chemical Sensor for Mercury Ions Based on a Porphyrin Dimer. Analytical Chemistry, 2002, 74, 821-825.	3.2	205
23	Optical Control of Metal Ion Probes in Cells and Zebrafish Using Highly Selective DNAzymes Conjugated to Upconversion Nanoparticles. Journal of the American Chemical Society, 2018, 140, 17656-17665.	6.6	196
24	High-Sensitivity Naphthalene-Based Two-Photon Fluorescent Probe Suitable for Direct Bioimaging of H₂S in Living Cells. Analytical Chemistry, 2013, 85, 7875-7881.	3.2	189
25	In Situ Localization of Enzyme Activity in Live Cells by a Molecular Probe Releasing a Precipitating Fluorochrome. Angewandte Chemie - International Edition, 2017, 56, 11788-11792.	7.2	174
26	Targeted Bioimaging and Photodynamic Therapy Nanoplatform Using an Aptamerâ€Guided Gâ€Quadruplex DNA Carrier and Nearâ€Infrared Light. Angewandte Chemie - International Edition, 2013, 52, 13965-13969.	7.2	169
27	A General Strategy for Development of Activatable NIRâ€I Fluorescent Probes for In Vivo Highâ€Contrast Bioimaging. Angewandte Chemie - International Edition, 2021, 60, 800-805.	7.2	169
28	Circular Bivalent Aptamers Enable in Vivo Stability and Recognition. Journal of the American Chemical Society, 2017, 139, 9128-9131.	6.6	156
29	A Controlledâ€Release Nanocarrier with Extracellular pHâ€…Value Driven Tumor Targeting and Translocation for Drug Delivery. Angewandte Chemie - International Edition, 2013, 52, 7487-7491.	7.2	154
30	Investigation of Drug-Induced Hepatotoxicity and Its Remediation Pathway with Reaction-Based Fluorescent Probes. Analytical Chemistry, 2017, 89, 7693-7700.	3.2	152
31	A mitochondrial-targeted prodrug for NIR imaging guided and synergetic NIR photodynamic-chemo cancer therapy. Chemical Science, 2017, 8, 7689-7695.	3.7	152
32	Metalâ€“Organic Framework Nanomaterials as Novel Signal Probes for Electron Transfer Mediated Ultrasensitive Electrochemical Immunoassay. Analytical Chemistry, 2016, 88, 12516-12523.	3.2	150
33	Light-free Generation of Singlet Oxygen through Manganese-Thiophene Nanosystems for pH-Responsive Chemiluminescence Imaging and Tumor Therapy. CheM, 2020, 6, 2314-2334.	5.8	150
34	DNA Dendrimer: An Efficient Nanocarrier of Functional Nucleic Acids for Intracellular Molecular Sensing. ACS Nano, 2014, 8, 6171-6181.	7.3	149
35	Near Infrared Graphene Quantum Dots-Based Two-Photon Nanoprobe for Direct Bioimaging of Endogenous Ascorbic Acid in Living Cells. Analytical Chemistry, 2017, 89, 4077-4084.	3.2	147
36	NIRâ€II Driven Plasmonâ€Enhanced Catalysis for a Timely Supply of Oxygen to Overcome Hypoxiaâ€Induced Radiotherapy Tolerance. Angewandte Chemie - International Edition, 2019, 58, 15069-15075.	7.2	142

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37	Preparation and biomedical applications of programmable and multifunctional DNA nanoflowers. Nature Protocols, 2015, 10, 1508-1524.	5.5	141
38	An Acidityâ€Unlocked Magnetic Nanoplatform Enables Selfâ€Boosting ROS Generation through Upregulation of Lactate for Imagingâ€Guided Highly Specific Chemodynamic Therapy. Angewandte Chemie - International Edition, 2021, 60, 9562-9572.	7.2	140
39	Recent Progress in Small-Molecule Near-IR Probes for Bioimaging. Trends in Chemistry, 2019, 1, 224-234.	4.4	137
40	Efficient Two-Photon Fluorescent Probe for Nitroreductase Detection and Hypoxia Imaging in Tumor Cells and Tissues. Analytical Chemistry, 2015, 87, 11832-11839.	3.2	135
41	Ultrathin two-dimensional covalent organic framework nanoprobe for interference-resistant two-photon fluorescence bioimaging. Chemical Science, 2018, 9, 8402-8408.	3.7	134
42	Engineering of Bioinspired, Size-Controllable, Self-Degradable Cancer-Targeting DNA Nanoflowers via the Incorporation of an Artificial Sandwich Base. Journal of the American Chemical Society, 2019, 141, 4282-4290.	6.6	133
43	A unique approach toward near-infrared fluorescent probes for bioimaging with remarkably enhanced contrast. Chemical Science, 2016, 7, 2275-2285.	3.7	129
44	Engineering of a near-infrared fluorescent probe for real-time simultaneous visualization of intracellular hypoxia and induced mitophagy. Chemical Science, 2018, 9, 5347-5353.	3.7	129
45	A fluorescent chemical sensor for Fe3+ based on blocking of intramolecular proton transfer of a quinazolinone derivative. Talanta, 2007, 71, 171-177.	2.9	128
46	Versatile DNAzyme-Based Amplified Biosensing Platforms for Nucleic Acid, Protein, and Enzyme Activity Detection. Analytical Chemistry, 2013, 85, 3614-3620.	3.2	127
47	Nitric Oxide-Activated â€œDual-Keyâ€“One-Lockâ€•Nanoprobe for in Vivo Molecular Imaging and High-Specificity Cancer Therapy. Journal of the American Chemical Society, 2019, 141, 13572-13581.	6.6	126
48	Reactive Oxygen Correlated Chemiluminescent Imaging of a Semiconducting Polymer Nanoplatform for Monitoring Chemodynamic Therapy. Nano Letters, 2020, 20, 176-183.	4.5	123
49	Design Strategy of Fluorescent Probes for Live Drug-Induced Acute Liver Injury Imaging. Accounts of Chemical Research, 2021, 54, 403-415.	7.6	120
50	Two-dimensional graphitic carbon nitride nanosheets for biosensing applications. Biosensors and Bioelectronics, 2017, 89, 212-223.	5.3	117
51	Fluorescence Resonance Energy Transfer-Based DNA Nanoprism with a Split Aptamer for Adenosine Triphosphate Sensing in Living Cells. Analytical Chemistry, 2017, 89, 10941-10947.	3.2	117
52	Efficient Two-Photon Fluorescent Probe with Red Emission for Imaging of Thiophenols in Living Cells and Tissues. Analytical Chemistry, 2015, 87, 8896-8903.	3.2	113
53	Hydrogen-Bond-Induced Emission of Carbon Dots for Wash-Free Nucleus Imaging. Analytical Chemistry, 2019, 91, 9259-9265.	3.2	113
54	Aptamer-conjugated nanomaterials for specific cancer cell recognition and targeted cancer therapy. NPG Asia Materials, 2014, 6, e95-e95.	3.8	111

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55	Entropy Beacon: A Hairpin-Free DNA Amplification Strategy for Efficient Detection of Nucleic Acids. Analytical Chemistry, 2015, 87, 11714-11720.	3.2	106
56	A cell membrane-anchored fluorescent probe for monitoring carbon monoxide release from living cells. Chemical Science, 2019, 10, 320-325.	3.7	106
57	Efficient Two-Photon Fluorescence Nanoprobe for Turn-On Detection and Imaging of Ascorbic Acid in Living Cells and Tissues. Analytical Chemistry, 2016, 88, 6057-6063.	3.2	103
58	Gold nanorod-photosensitizer conjugate with extracellular pH-driven tumor targeting ability for photothermal/photodynamic therapy. Nano Research, 2014, 7, 1291-1301.	5.8	97
59	Self-assembled multifunctional DNA nanoflowers for the circumvention of multidrug resistance in targeted anticancer drug delivery. Nano Research, 2015, 8, 3447-3460.	5.8	95
60	Efficient and Reliable MicroRNA Imaging in Living Cells via a FRET-Based Localized Hairpin-DNA Cascade Amplifier. Analytical Chemistry, 2019, 91, 3675-3680.	3.2	94
61	Chemical Design of Activatable Photoacoustic Probes for Precise Biomedical Applications. Chemical Reviews, 2022, 122, 6850-6918.	23.0	94
62	Recent advances in DNAzyme-based gene silencing. Science China Chemistry, 2017, 60, 591-601.	4.2	93
63	Ratiometric Two-Photon Fluorescent Probe for in Vivo Hydrogen Polysulfides Detection and Imaging during Lipopolysaccharide-Induced Acute Organs Injury. Analytical Chemistry, 2016, 88, 11892-11899.	3.2	92
64	Visualization of oxidative injury in the mouse kidney using selective superoxide anion fluorescent probes. Chemical Science, 2018, 9, 7606-7613.	3.7	92
65	A Bioluminescent Probe for Imaging Endogenous Peroxynitrite in Living Cells and Mice. Analytical Chemistry, 2018, 90, 4167-4173.	3.2	91
66	Engineering a Cell-Surface Aptamer Circuit for Targeted and Amplified Photodynamic Cancer Therapy. ACS Nano, 2013, 7, 2312-2319.	7.3	90
67	Engineering a Secondâ€Order DNA Logicâ€Gated Nanorobot to Sense and Release on Live Cell Membranes for Multiplexed Diagnosis and Synergistic Therapy. Angewandte Chemie - International Edition, 2021, 60, 15816-15820.	7.2	90
68	Nucleic Acids Analysis. Science China Chemistry, 2021, 64, 171-203.	4.2	88
69	Enhancing the Antiâ€Solvatochromic Twoâ€Photon Fluorescence for Cirrhosis Imaging by Forming a Hydrogenâ€Bond Network. Angewandte Chemie - International Edition, 2018, 57, 7473-7477.	7.2	85
70	Visualization of Endoplasmic Reticulum Aminopeptidase 1 under Different Redox Conditions with a Two-Photon Fluorescent Probe. Analytical Chemistry, 2017, 89, 7641-7648.	3.2	83
71	In vivo therapeutic response monitoring by a self-reporting upconverting covalent organic framework nanoplatform. Chemical Science, 2020, 11, 1299-1306.	3.7	83
72	Rhodamine-based fluorescent probe for direct bio-imaging of lysosomal pH changes. Talanta, 2014, 130, 356-362.	2.9	79

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73	Through-Bond Energy Transfer-Based Ratiometric Two-Photon Probe for Fluorescent Imaging of Pd²⁺ Ions in Living Cells and Tissues. Analytical Chemistry, 2015, 87, 4503-4507.	3.2	79
74	Exploring the Trans-Cleavage Activity of CRISPR/Cas12a on Gold Nanoparticles for Stable and Sensitive Biosensing. Analytical Chemistry, 2021, 93, 4967-4974.	3.2	78
75	Progress and Perspective of Solid-State Organic Fluorophores for Biomedical Applications. Journal of the American Chemical Society, 2021, 143, 21143-21160.	6.6	76
76	Progress and Challenges in Developing Aptamer-Functionalized Targeted Drug Delivery Systems. International Journal of Molecular Sciences, 2015, 16, 23784-23822.	1.8	75
77	A Smart Photosensitizerâ€“Manganese Dioxide Nanosystem for Enhanced Photodynamic Therapy by Reducing Glutathione Levels in Cancer Cells. Angewandte Chemie, 2016, 128, 5567-5572.	1.6	75
78	Two-Photon DNAzymeâ€“Gold Nanoparticle Probe for Imaging Intracellular Metal Ions. Analytical Chemistry, 2018, 90, 3118-3123.	3.2	73
79	An efficient two-photon fluorescent probe for monitoring mitochondrial singlet oxygen in tissues during photodynamic therapy. Chemical Communications, 2016, 52, 12330-12333.	2.2	72
80	A â€œDouble-Lockedâ€•and enzyme-activated molecular probe for accurate bioimaging and hepatopathy differentiation. Chemical Science, 2019, 10, 10931-10936.	3.7	72
81	A highly sensitive and reductant-resistant fluorescent probe for nitroxyl in aqueous solution and serum. Chemical Communications, 2014, 50, 5790.	2.2	71
82	Multiple Functional Nanoprobe for Contrast-Enhanced Bimodal Cellular Imaging and Targeted Therapy. Analytical Chemistry, 2015, 87, 4448-4454.	3.2	69
83	Efficient Two-Photon Fluorescent Probe for Glutathione S-Transferase Detection and Imaging in Drug-Induced Liver Injury Sample. Analytical Chemistry, 2017, 89, 8097-8103.	3.2	69
84	A FRET-based ratiometric two-photon fluorescent probe for dual-channel imaging of nitroxyl in living cells and tissues. Chemical Communications, 2016, 52, 733-736.	2.2	68
85	MicroRNA-Initiated and Intracellular Na⁺-Fueled DNAzyme Motor for Differentiating Molecular Subtypes of Nonsmall Cell Lung Cancer. Analytical Chemistry, 2020, 92, 7404-7408.	3.2	68
86	Aptamer-functionalized nanoscale metal-organic frameworks for targeted photodynamic therapy. Theranostics, 2018, 8, 4332-4344.	4.6	66
87	Biostable L-DNAzyme for Sensing of Metal Ions in Biological Systems. Analytical Chemistry, 2016, 88, 1850-1855.	3.2	65
88	Conjugated-Polymer-Based Nanomaterials for Photothermal Therapy. ACS Applied Polymer Materials, 2020, 2, 4258-4272.	2.0	65
89	A label-free electrochemical biosensor for highly sensitive and selective detection of DNA via a dual-amplified strategy. Biosensors and Bioelectronics, 2014, 54, 442-447.	5.3	64
90	Dye-Doped Fluorescent Silica Nanoparticles for Live Cell and In Vivo Bioimaging. Nanomaterials, 2016, 6, 81.	1.9	64

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91	Smart Humanâ€Serumâ€Albuminâ€“As₂O₃ Nanodrug with Selfâ€Amplified Folate Receptorâ€Targeting Ability for Chronic Myeloid Leukemia Treatment. Angewandte Chemie - International Edition, 2017, 56, 10845-10849.	7.2	64
92	A general strategy for development of a single benzene fluorophore with full-color-tunable, environmentally insensitive, and two-photon solid-state emission. Chemical Communications, 2019, 55, 11462-11465.	2.2	64
93	A two-photon fluorescent probe for bio-imaging of formaldehyde in living cells and tissues. Analyst, The, 2016, 141, 3395-3402.	1.7	63
94	Nanoscale Metalâ€“Organic Framework Based Two-Photon Sensing Platform for Bioimaging in Live Tissue. Analytical Chemistry, 2019, 91, 2727-2733.	3.2	63
95	Engineering a Reversible Fluorescent Probe for Real-Time Live-Cell Imaging and Quantification of Mitochondrial ATP. Analytical Chemistry, 2020, 92, 4681-4688.	3.2	63
96	Detection of analytes in mitochondria without interference from other sites based on an innovative ratiometric fluorophore. Chemical Science, 2018, 9, 5461-5466.	3.7	61
97	Recent progress in utilizing near-infrared J-aggregates for imaging and cancer therapy. Materials Chemistry Frontiers, 2021, 5, 1076-1089.	3.2	61
98	Localizable and Photoactivatable Fluorophore for Spatiotemporal Two-Photon Bioimaging. Analytical Chemistry, 2015, 87, 5626-5631.	3.2	60
99	Molecular engineering of two-photon fluorescent probes for bioimaging applications. Methods and Applications in Fluorescence, 2017, 5, 012003.	1.1	60
100	Monitoring Telomerase Activity in Living Cells with High Sensitivity Using Cascade Amplification Reaction-Based Nanoprobe. Analytical Chemistry, 2019, 91, 13143-13151.	3.2	60
101	Clicking Fluoroionophores onto Mesoporous Silicas: A Universal Strategy toward Efficient Fluorescent Surface Sensors for Metal Ions. Analytical Chemistry, 2010, 82, 6343-6346.	3.2	59
102	CD109 is identified as a potential nasopharyngeal carcinoma biomarker using aptamer selected by cell-SELEX. Oncotarget, 2016, 7, 55328-55342.	0.8	59
103	Quench-Shield Ratiometric Upconversion Luminescence Nanoplatform for Biosensing. Analytical Chemistry, 2016, 88, 1639-1646.	3.2	59
104	DNAzymeâ€Mediated Genetically Encoded Sensors for Ratiometric Imaging of Metal Ions in Living Cells. Angewandte Chemie - International Edition, 2020, 59, 1891-1896.	7.2	59
105	Recent advances in molecular fluorescent probes for organic phosphate biomolecules recognition. Chinese Chemical Letters, 2019, 30, 1775-1790.	4.8	58
106	Versatilein situsynthesis of MnO₂nanolayers on upconversion nanoparticles and their application inÂactivatable fluorescence and MRI imaging. Chemical Science, 2018, 9, 5427-5434.	3.7	57
107	Smart Nanozyme Platform with Activityâ€Correlated Ratiometric Molecular Imaging for Predicting Therapeutic Effects. Angewandte Chemie - International Edition, 2021, 60, 26142-26150.	7.2	57
108	An Autoimmolative Spacer Allows Firstâ€Time Incorporation of a Unique Solidâ€State Fluorophore into a Detection Probe for Acyl Hydrolases. Chemistry - A European Journal, 2010, 16, 792-795.	1.7	56

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109	DLISA: A DNAzyme-Based ELISA for Protein Enzyme-Free Immunoassay of Multiple Analytes. Analytical Chemistry, 2015, 87, 7746-7753.	3.2	56
110	A MgO Nanoparticles Composite Matrixâ€Based Electrochemical Biosensor for Hydrogen Peroxide with High Sensitivity. Electroanalysis, 2010, 22, 471-477.	1.5	55
111	High-Selectivity Fluorescent Reporter toward Peroxynitrite in a Coexisting Nonalcoholic Fatty Liver and Drug-Induced Liver Diseases Model. Analytical Chemistry, 2020, 92, 11396-11404.	3.2	55
112	Size-selective molecular recognition based on a confined DNA molecular sieve using cavity-tunable framework nucleic acids. Nature Communications, 2020, 11, 1518.	5.8	55
113	Aptamer-based fluorescent sensors for the detection of cancer biomarkers. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 247, 119038.	2.0	55
114	NIRIIâ€HDs: A Versatile Platform for Developing Activatable NIRâ€I Fluorogenic Probes for Reliable In Vivo Analyte Sensing. Angewandte Chemie - International Edition, 2022, 61, .	7.2	55
115	DNA Amplifier-Functionalized Metalâ€“Organic Frameworks for Multiplexed Detection and Imaging of Intracellular mRNA. ACS Sensors, 2020, 5, 103-109.	4.0	54
116	Ternary Alloy PtWMn as a Mn Nanoreservoir for Highâ€Field MRI Monitoring and Highly Selective Ferroptosis Therapy. Angewandte Chemie - International Edition, 2022, 61, .	7.2	53
117	Rational Engineering of Bioinspired Anthocyanidin Fluorophores with Excellent Two-Photon Properties for Sensing and Imaging. Analytical Chemistry, 2017, 89, 11427-11434.	3.2	52
118	Sequential Protein-Responsive Nanophotosensitizer Complex for Enhancing Tumor-Specific Therapy. ACS Nano, 2019, 13, 6702-6710.	7.3	52
119	Molecular engineering of organic-based agents for in situ bioimaging and phototherapeutics. Chemical Society Reviews, 2021, 50, 11766-11784.	18.7	52
120	In vivo imaging of alkaline phosphatase in tumor-bearing mouse model by a promising near-infrared fluorescent probe. Talanta, 2017, 175, 421-426.	2.9	51
121	DNA origami-based protein networks: from basic construction to emerging applications. Chemical Society Reviews, 2021, 50, 1846-1873.	18.7	51
122	Ratiometric Semiconducting Polymer Nanoparticle for Reliable Photoacoustic Imaging of Pneumonia-Induced Vulnerable Atherosclerotic Plaque in Vivo. Nano Letters, 2021, 21, 4484-4493.	4.5	51
123	A label-free DNAzyme fluorescence biosensor for amplified detection of Pb2+-based on cleavage-induced G-quadruplex formation. Talanta, 2016, 147, 302-306.	2.9	50
124	Chromophoreâ€Modified Highly Selective Ratiometric Upconversion Nanoprobes for Detection of ONOO^{â”}â€Related Hepatotoxicity In Vivo. Small, 2019, 15, e1902737.	5.2	50
125	Cancer biomarker discovery using DNA aptamers. Analyst, The, 2016, 141, 461-466.	1.7	49
126	Ratiometric afterglow luminescent nanoplatform enables reliable quantification and molecular imaging. Nature Communications, 2022, 13, 2216.	5.8	49

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127	A synergistic strategy to develop photostable and bright dyes with long Stokes shift for nanoscopy. Nature Communications, 2022, 13, 2264.	5.8	49
128	Peroxidase-like Au@Pt nanozyme as an integrated nanosensor for Ag+ detection by LSPR spectroscopy. Talanta, 2021, 221, 121627.	2.9	48
129	Dual-Stimulus Responsive Near-Infrared Reversible Ratiometric Fluorescent and Photoacoustic Probe for In Vivo Tumor Imaging. Analytical Chemistry, 2021, 93, 5420-5429.	3.2	48
130	Cell-SELEX-based aptamer-conjugated nanomaterials for cancer diagnosis and therapy. National Science Review, 2015, 2, 71-84.	4.6	47
131	A two-photon fluorescent turn-on probe for imaging of SO2 derivatives in living cells and tissues. Analytica Chimica Acta, 2016, 937, 136-142.	2.6	47
132	Supramolecular assembly affording a ratiometric two-photon fluorescent nanoprobe for quantitative detection and bioimaging. Chemical Science, 2017, 8, 8214-8220.	3.7	47
133	Evolving a Unique Red-Emitting Fluorophore with an Optically Tunable Hydroxy Group for Imaging Nitroreductase in Cells, in Tissues, and in Vivo. Analytical Chemistry, 2019, 91, 15974-15981.	3.2	47
134	Red emissive carbon dots with dual targetability for imaging polarity in living cells. Sensors and Actuators B: Chemical, 2020, 306, 127582.	4.0	47
135	Nucleic acid-functionalized nanomaterials for bioimaging applications. Journal of Materials Chemistry, 2011, 21, 16323.	6.7	46
136	A novel ratiometric and reversible fluorescence probe with a large Stokes shift for Cu2+ based on a new clamp-on unit. Analytica Chimica Acta, 2019, 1065, 134-141.	2.6	46
137	Learning from Artemisinin: Bioinspired Design of a Reaction-Based Fluorescent Probe for the Selective Sensing of Labile Heme in Complex Biosystems. Journal of the American Chemical Society, 2020, 142, 2129-2133.	6.6	46
138	In Situ Localization of Enzyme Activity in Live Cells by a Molecular Probe Releasing a Precipitating Fluorochrome. Angewandte Chemie, 2017, 129, 11950-11954.	1.6	44
139	Recent advances in organic-dye-based photoacoustic probes for biosensing and bioimaging. Science China Chemistry, 2019, 62, 1275-1285.	4.2	44
140	A de novo strategy to develop NIR precipitating fluorochrome for long-term in situ cell membrane bioimaging. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	44
141	Aptamer-assembled nanomaterials for fluorescent sensing and imaging. Nanophotonics, 2017, 6, 109-121.	2.9	43
142	Enhanced Targeted Gene Transduction: AAV2 Vectors Conjugated to Multiple Aptamers via Reducible Disulfide Linkages. Journal of the American Chemical Society, 2018, 140, 2-5.	6.6	43
143	Constructing Smart Protocells with Built-In DNA Computational Core to Eliminate Exogenous Challenge. Journal of the American Chemical Society, 2018, 140, 6912-6920.	6.6	43
144	Engineering dithiobenzoic acid lactone-decorated Si-rhodamine as a highly selective near-infrared HOCl fluorescent probe for imaging drug-induced acute nephrotoxicity. Chemical Communications, 2019, 55, 10916-10919.	2.2	43

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145	Imaging of peroxynitrite in drug-induced acute kidney injury with a near-infrared fluorescence and photoacoustic dual-modal molecular probe. Chemical Communications, 2020, 56, 8103-8106.	2.2	43
146	Enhancing the Release Efficiency of a Molecular Chemotherapeutic Prodrug by Photodynamic Therapy. Angewandte Chemie - International Edition, 2022, 61, .	7.2	43
147	Lesson from Nature: Biomimetic Self-Assembling Phthalocyanines for High-Efficient Photothermal Therapy within the Biological Transparent Window. ACS Applied Materials & Interfaces, 2019, 11, 3800-3808.	4.0	42
148	pH stimulus-disaggregated BODIPY: an activated photodynamic/photothermal sensitizer applicable to tumor ablation. Chemical Communications, 2020, 56, 1956-1959.	2.2	42
149	Cyclic Amplification of the Afterglow Luminescent Nanoreporter Enables the Prediction of Antiâ€cancer Efficiency. Angewandte Chemie - International Edition, 2021, 60, 19779-19789.	7.2	42
150	Multicolor Twoâ€Photon Nanosystem for Multiplexed Intracellular Imaging and Targeted Cancer Therapy. Angewandte Chemie - International Edition, 2021, 60, 12569-12576.	7.2	40
151	A dual factor activated metalâ€“organic framework hybrid nanoplatform for photoacoustic imaging and synergetic photo-chemotherapy. Nanoscale, 2019, 11, 20630-20637.	2.8	39
152	An efficient two-photon fluorescent probe for measuring Î³-glutamyltranspeptidase activity during the oxidative stress process in tumor cells and tissues. Analyst, The, 2017, 142, 1813-1820.	1.7	38
153	DNA micelle flares: a study of the basic properties that contribute to enhanced stability and binding affinity in complex biological systems. Chemical Science, 2016, 7, 6041-6049.	3.7	37
154	A membrane-anchored fluorescent probe for detecting K⁺ in the cell microenvironment. Chemical Communications, 2016, 52, 4679-4682.	2.2	36
155	In Situ Imaging of Furin Activity with a Highly Stable Probe by Releasing of Precipitating Fluorochrome. Analytical Chemistry, 2018, 90, 11680-11687.	3.2	35
156	A General Strategy for Development of Activatable NIRâ€II Fluorescent Probes for In Vivo Highâ€Contrast Bioimaging. Angewandte Chemie, 2021, 133, 813-818.	1.6	35
157	Accelerated DNAzyme-based fluorescent nanoprobe for highly sensitive microRNA detection in live cells. Chemical Communications, 2020, 56, 470-473.	2.2	34
158	Highly Selective Fluorescent Probe Design for Visualizing Hepatic Hydrogen Sulfide in the Pathological Progression of Nonalcoholic Fatty Liver. Analytical Chemistry, 2021, 93, 16673-16682.	3.2	33
159	The Electrochemical Properties of Co(TPP), Tetraphenylborate Modified Glassy Carbon Electrode: Application to Dopamine and Uric Acid Analysis. Electroanalysis, 2006, 18, 440-448.	1.5	32
160	A high-resolution mitochondria-targeting ratiometric fluorescent probe for detection of the endogenous hypochlorous acid. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 166, 129-134.	2.0	32
161	A Selective Nearâ€Infrared Fluorescent Probe for In Vivo Imaging of Thiophenols from a Focused Library. Chemistry - an Asian Journal, 2016, 11, 3575-3582.	1.7	31
162	Tetraphenylethene derivative modified DNA oligonucleotide for in situ potassium ion detection and imaging in living cells. Talanta, 2017, 167, 550-556.	2.9	31

#	Article	IF	Citations
163	Tongue cancer tailored photosensitizers for NIR-II fluorescence imaging guided precise treatment. Nano Today, 2022, 45, 101550.	6.2	31
164	A novel ratiometric two-photon fluorescent probe for imaging of Pd 2+ ions in living cells and tissues. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 166, 25-30.	2.0	30
165	Oxygen-Embedded Pentacene Based Near-Infrared Chemiluminescent Nanoprobe for Highly Selective and Sensitive Visualization of Peroxynitrite In Vivo. Analytical Chemistry, 2020, 92, 4154-4163.	3.2	30
166	Enzymatic cleavage and mass amplification strategy for small molecule detection using aptamer-based fluorescence polarization biosensor. Analytica Chimica Acta, 2015, 879, 91-96.	2.6	29
167	A long wavelength emission two-photon fluorescent probe for highly selective detection of cysteine in living cells and an inflamed mouse model. Journal of Materials Chemistry B, 2019, 7, 3970-3975.	2.9	29
168	DNAzymeâ€“gold nanoparticle-based probes for biosensing and bioimaging. Journal of Materials Chemistry B, 2020, 8, 9449-9465.	2.9	29
169	Copper-thioguanine metallodrug with self-reinforcing circular catalysis for activatable MRI imaging and amplifying specificity of cancer therapy. Science China Chemistry, 2020, 63, 924-935.	4.2	29
170	Tumor-acidity activated surface charge conversion of two-photon fluorescent nanoprobe for enhanced cellular uptake and targeted imaging of intracellular hydrogen peroxide. Chemical Science, 2019, 10, 9351-9357.	3.7	28
171	Oxygen-Embedded Quinoidal Acene Based Semiconducting Chromophore Nanoprobe for Amplified Photoacoustic Imaging and Photothermal Therapy. Analytical Chemistry, 2019, 91, 15275-15283.	3.2	28
172	Near-Infrared Fluorescent Furin Probe for Revealing the Role of Furin in Cellular Carcinogenesis and Specific Cancer Imaging. Analytical Chemistry, 2019, 91, 9682-9689.	3.2	28
173	Activatable Magnetic/Photoacoustic Nanoplatform for Redox-Unlocked Deep-Tissue Molecular Imaging In Vivo via Prussian Blue Nanoprobe. Analytical Chemistry, 2020, 92, 13452-13461.	3.2	28
174	Precipitated Fluorophore-Based Molecular Probe for In Situ Imaging of Aminopeptidase N in Living Cells and Tumors. Analytical Chemistry, 2021, 93, 6463-6471.	3.2	28
175	Degradable Magnetic Nanoplatform with Hydroxide Ions Triggered Photoacoustic, MR Imaging, and Photothermal Conversion for Precise Cancer Theranostic. Nano Letters, 2022, 22, 3228-3235.	4.5	28
176	Engineering a highly selective probe for ratiometric imaging of H₂S_n and revealing its signaling pathway in fatty liver disease. Chemical Science, 2020, 11, 7991-7999.	3.7	27
177	Aptamer-Functionalized DNA Nanostructures for Biological Applications. Topics in Current Chemistry, 2020, 378, 21.	3.0	27
178	An efficient fluorescence turn-on probe for Al3+ based on aggregation-induced emission. Analytical Methods, 2013, 5, 3909.	1.3	26
179	An efficient ratiometric fluorescent excimer probe for hypochlorite based on a cofacial xanthene-bridged bispyrene. Analytical Methods, 2014, 6, 609-614.	1.3	26
180	A universal aptameric biosensor: Multiplexed detection of small analytes via aggregated perylene-based broad-spectrum quencher. Biosensors and Bioelectronics, 2017, 92, 40-46.	5.3	26

#	Article	IF	Citations
181	An MTH1-targeted nanosystem for enhanced PDT via improving cellular sensitivity to reactive oxygen species. Chemical Communications, 2018, 54, 4310-4313.	2.2	26
182	Achieving the ratiometric imaging of steroid sulfatase in living cells and tissues with a two-photon fluorescent probe. Chemical Communications, 2020, 56, 1349-1352.	2.2	26
183	Engineering of Reversible Luminescent Probes for Real-Time Intravital Imaging of Liver Injury and Repair. CCS Chemistry, 2022, 4, 356-368.	4.6	26
184	Ultrasound assisted one-step synthesis of Au@Pt dendritic nanoparticles with enhanced NIR absorption for photothermal cancer therapy. RSC Advances, 2019, 9, 28541-28547.	1.7	25
185	Precipitated Fluorophore-Based Probe for Accurate Detection of Mitochondrial Analytes. Analytical Chemistry, 2021, 93, 2235-2243.	3.2	25
186	A novel ethacrynic acid sensor based on a lanthanide porphyrin complex in a PVC matrix. Analyst, The, 2000, 125, 867-870.	1.7	24
187	Catalytic self-assembly of a DNA dendritic complex for efficient gene silencing. Chemical Communications, 2016, 52, 1413-1415.	2.2	24
188	Fluorinated DNA Micelles: Synthesis and Properties. Analytical Chemistry, 2018, 90, 6843-6850.	3.2	24
189	Nanoscale zeolitic imidazole framework-90: selective, sensitive and dual-excitation ratiometric fluorescent detection of hazardous Cr(<scp>vi</scp>) anions in aqueous media. New Journal of Chemistry, 2018, 42, 12549-12556.	1.4	24
190	Engineering Self-Calibrating Nanoprobes with Two-Photon-Activated Fluorescence Resonance Energy Transfer for Ratiometric Imaging of Biological Selenocysteine. ACS Applied Materials & Interfaces, 2019, 11, 17722-17729.	4.0	24
191	Two-Photon Supramolecular Nanoplatform for Ratiometric Bioimaging. Analytical Chemistry, 2019, 91, 6371-6377.	3.2	24
192	An Integration Strategy to Develop Dual-State Luminophores with Tunable Spectra, Large Stokes Shift, and Activatable Fluorescence for High-Contrast Imaging. CCS Chemistry, 2022, 4, 2153-2164.	4.6	24
193	Designing a biostable L-DNAzyme for lead(<scp>ii</scp>) ion detection in practical samples. Analytical Methods, 2016, 8, 7260-7264.	1.3	23
194	Hybridization chain reaction-based nanoprobe for cancer cell recognition and amplified photodynamic therapy. Chemical Communications, 2019, 55, 3065-3068.	2.2	23
195	Specific Coreâ€“Satellite Nanocarriers for Enhanced Intracellular ROS Generation and Synergistic Photodynamic Therapy. ACS Applied Materials & Interfaces, 2020, 12, 5403-5412.	4.0	23
196	Cationic-perylene-G-quadruplex complex based fluorescent biosensor for label-free detection of Pb 2+. Talanta, 2016, 149, 98-102.	2.9	22
197	A new fluorescent probe with ultralow background fluorescence for imaging of endogenous cellular selenol under oxidative stress. Chinese Chemical Letters, 2017, 28, 1987-1990.	4.8	22
198	Fluorinated molecular beacons as functional DNA nanomolecules for cellular imaging. Chemical Science, 2017, 8, 7082-7086.	3.7	22

#	Article	IF	Citations
199	A bioluminescent probe for imaging endogenous hydrogen polysulfides in live cells and a murine model of bacterial infection. Chemical Communications, 2019, 55, 4487-4490.	2.2	22
200	â€œApollo Programâ€•in Nanoscale: Landing and Exploring Cell-Surface with DNA Nanotechnology. ACS Applied Bio Materials, 2020, 3, 2723-2742.	2.3	22
201	H ₂ S-Activated â€œOne-Key Triple-Lockâ€•Bis-Metal Coordination Network for Visualizing Precise Therapy of Colon Cancer. CCS Chemistry, 2021, 3, 2126-2142.	4.6	22
202	Engineering of a bioluminescent probe for imaging nitroxyl in live cells and mice. Chemical Communications, 2019, 55, 1758-1761.	2.2	21
203	Activatable NIRâ€Ⅱ Fluorescent Probes Applied in Biomedicine: Progress and Perspectives. ChemMedChem, 2021, 16, 2426-2440.	1.6	21
204	Cell-SELEX-based aptamer-conjugated nanomaterials for enhanced targeting of cancer cells. Science China Chemistry, 2011, 54, 1218-1226.	4.2	20
205	NIRâ€Ⅱ Driven Plasmonâ€Enhanced Catalysis for a Timely Supply of Oxygen to Overcome Hypoxiaâ€Induced Radiotherapy Tolerance. Angewandte Chemie, 2019, 131, 15213-15219.	1.6	19
206	Smart Nanodrug with Nuclear Localization Sequences in the Presence of MMPâ€2 To Overcome Biobarriers and Drug Resistance. Chemistry - A European Journal, 2019, 25, 1895-1900.	1.7	19
207	CRISPRâ€Cas12a System for Biosensing and Gene Regulation. Chemistry - an Asian Journal, 2021, 16, 857-867.	1.7	19
208	Two-dimensional intermetallic PtBi/Pt core/shell nanoplates overcome tumor hypoxia for enhanced cancer therapy. Nanoscale, 2021, 13, 14245-14253.	2.8	19
209	Spherical nucleic acid reporter-based cascade CRISPR/Cas12a amplifier for stable and sensitive biosensing of circulating tumor DNA. Chemical Communications, 2022, 58, 4508-4511.	2.2	19
210	Nucleic Acid Immunotherapeutics for Cancer. ACS Applied Bio Materials, 2020, 3, 2838-2849.	2.3	18
211	Activatable photoacoustic/fluorescent dual-modal probe for monitoring of drug-induced liver hypoxia in vivo. Chemical Communications, 2021, 57, 8644-8647.	2.2	18
212	Aptamers Selected by Cell-SELEX for Molecular Imaging. Journal of Molecular Evolution, 2015, 81, 162-171.	0.8	17
213	Nanocarrier based on the assembly of protein and antisense oligonucleotide to combat multidrug resistance in tumor cells. Science China Chemistry, 2017, 60, 1318-1323.	4.2	17
214	An Acidityâ€Unlocked Magnetic Nanoplatform Enables Selfâ€Boosting ROS Generation through Upregulation of Lactate for Imagingâ€Guided Highly Specific Chemodynamic Therapy. Angewandte Chemie, 2021, 133, 9648-9658.	1.6	17
215	Molecular design strategy to alleviate environmental interference on two-photon fluorescence probes. Cell Reports Physical Science, 2021, 2, 100471.	2.8	17
216	Engineering a Ratiometric Photoacoustic Probe with a Hepatocyte-Specific Targeting Ability for Liver Injury Imaging. Analytical Chemistry, 2022, 94, 1474-1481.	3.2	17

#	Article	IF	Citations
217	DNA-supramolecule conjugates in theranostics. Theranostics, 2019, 9, 3262-3279.	4.6	16
218	Molecular Engineering of Novel Fluorophores for <scp>Highâ€Contrast</scp> Bioimaging. Chinese Journal of Chemistry, 2022, 40, 1073-1082.	2.6	16
219	Engineering a customized nanodrug delivery system at the cellular level for targeted cancer therapy. Science China Chemistry, 2018, 61, 497-504.	4.2	15
220	Modularly Engineered Solidâ€Phase Synthesis of Aptamerâ€Functionalized Small Molecule Drugs for Targeted Cancer Therapy. Advanced Therapeutics, 2020, 3, 2000074.	1.6	15
221	Optical â€“ Magnetic probe for evaluating cancer therapy. Coordination Chemistry Reviews, 2021, 441, 213978.	9.5	15
222	A ratiometric fluorescent probe for zinc ions based on the quinoline fluorophore. International Journal of Environmental Analytical Chemistry, 2011, 91, 74-86.	1.8	14
223	Reversible and Quantitative Photoregulation of Target Proteins. CheM, 2017, 3, 1021-1035.	5.8	14
224	Biomineralized nanoparticles enable an enzyme-assisted DNA signal amplification in living cells. Chemical Communications, 2020, 56, 2901-2904.	2.2	14
225	Size-selective DNA nanocage-based activatable CRISPR-Cas12a for sensitive and accurate detection of mature microRNA. Chemical Communications, 2021, 57, 3291-3294.	2.2	14
226	A Thirdâ€Generation Hydrogen Peroxide Biosensor Based on Horseradish Peroxidase Immobilized in Carbon Nanotubes/ SBAâ€15 Film. Electroanalysis, 2011, 23, 2415-2420.	1.5	13
227	Valency-Controlled Molecular Spherical Nucleic Acids with Tunable Biosensing Performances. Analytical Chemistry, 2019, 91, 11374-11379.	3.2	13
228	Donor and Ringâ€Fusing Engineering for Farâ€Red to Nearâ€Infrared Triphenylpyrylium Fluorophores with Enhanced Fluorescence Performance for Sensing and Imaging. Chemistry - A European Journal, 2019, 25, 6973-6979.	1.7	13
229	DNA nanostructure-based fluorescent probes for cellular sensing. Analytical Methods, 2020, 12, 1415-1429.	1.3	13
230	Manganeseâ€“Fluorouracil Metallodrug Nanotheranostic for MRI-Correlated Drug Release and Enhanced Chemoradiotherapy. CCS Chemistry, 2021, 3, 1116-1128.	4.6	13
231	Engineering of a dual-site molecular probe for logical bioimaging of lysosomal H2S and pH. Talanta, 2020, 219, 121286.	2.9	12
232	Tumorâ€Specific Multipath Nucleic Acid Damages Strategy by Symbiosed Nanozyme@Enzyme with Synergistic Selfâ€Cyclic Catalysis. Small, 2021, 17, e2100766.	5.2	12
233	Engineering a Secondâ€Order DNA Logicâ€Gated Nanorobot to Sense and Release on Live Cell Membranes for Multiplexed Diagnosis and Synergistic Therapy. Angewandte Chemie, 2021, 133, 15950-15954.	1.6	12
234	Cell membranes targeted unimolecular prodrug for programmatic photodynamic-chemo therapy. Theranostics, 2021, 11, 3502-3511.	4.6	12

#	Article	IF	Citations
235	Generation of Biostable L-aptamers against Achiral Targets by Chiral Inversion of Existing D-aptamers. Talanta, 2017, 164, 662-667.	2.9	11
236	DNAzymeâ€Mediated Genetically Encoded Sensors for Ratiometric Imaging of Metal Ions in Living Cells. Angewandte Chemie, 2020, 132, 1907-1912.	1.6	11
237	An aggregated perylene-based broad-spectrum, efficient and label-free quencher for multiplexed fluorescent bioassays. Biosensors and Bioelectronics, 2014, 58, 320-325.	5.3	10
238	Recent Progress of DNAzyme-Nanomaterial Based Biosensors. Chinese Journal of Analytical Chemistry, 2015, 43, 1611-1619.	0.9	10
239	Enhancing the Antiâ€Solvatochromic Twoâ€Photon Fluorescence for Cirrhosis Imaging by Forming a Hydrogenâ€Bond Network. Angewandte Chemie, 2018, 130, 7595-7599.	1.6	10
240	A two-photon fluorescence self-reporting black phosphorus nanoprobe for the in situ monitoring of therapy response. Chemical Communications, 2020, 56, 14007-14010.	2.2	10
241	Ternary Alloy PtWMn as a Mn Nanoreservoir for Highâ€Field MRI Monitoring and Highly Selective Ferroptosis Therapy. Angewandte Chemie, 2022, 134, .	1.6	10
242	Nanovoid-confinement and click-activated nanoreactor for synchronous delivery of prodrug pairs and precise photodynamic therapy. Nano Research, 2022, 15, 9264-9273.	5.8	10
243	Framework nucleic acid-based confined enzyme cascade for efficient synergistic cancer therapy in vivo. Science China Chemistry, 2021, 64, 660-665.	4.2	9
244	A Unique Multifunctional Luminescent Probe for Self-Monitoring Photodynamic Therapy by Detecting H₂S in Cancer Cells. ACS Applied Bio Materials, 2021, 4, 6016-6022.	2.3	9
245	Single-stranded circular DNA theranostics. Theranostics, 2022, 12, 35-47.	4.6	9
246	NIRIIâ€HDs: A Versatile Platform for Developing Activatable NIRâ€I Fluorogenic Probes for Reliable In Vivo Analyte Sensing. Angewandte Chemie, 0, , .	1.6	9
247	Synthesis and Characterization of Poly(toluidine blue) Nanowires and Their Application in Amperometric Biosensors. Electroanalysis, 2009, 21, 1152-1158.	1.5	8
248	2-(2â€²-Hydroxyphenyl)-4(3H)-quinazolinone derivatives based fluorescent probes for mercury(II) via an intramolecular proton transfer mechanism. International Journal of Environmental Analytical Chemistry, 2012, 92, 810-820.	1.8	8
249	Topological DNA Tetrahedron Encapsulated Gold Nanoparticle Enables Precise Ligand Engineering for Targeted Cell Imaging. Analytical Chemistry, 2021, 93, 17036-17042.	3.2	8
250	A Novel Potentiometric Sensor for Thiocyanate Based on an Amideâ€Linked Manganese Diporphyrin Xanthene. Electroanalysis, 2008, 20, 1769-1774.	1.5	7
251	A surface-engineered NIR light-responsive actuator for controllable modulation of collective cell migration. Journal of Materials Chemistry B, 2019, 7, 5528-5534.	2.9	7
252	High-fidelity imaging of lysosomal enzyme through in situ ordered assembly of small molecular fluorescent probes. Biomaterials, 2022, 287, 121657.	5.7	7

#	Article	IF	Citations
253	Bismetalloporphyrin Complexes as Ionic Carriers for a Salicylate-Sensitive Electrode.. Analytical Sciences, 2000, 16, 1285-1289.	0.8	6
254	PORPHYRIN DIMER AS NEUTRAL IONOPHORE FOR A BERBERINE-SENSITIVE POTENTIOMETRIC SENSOR. Analytical Letters, 2001, 34, 2035-2046.	1.0	6
255	DNAzyme conjugated nanomaterials for biosensing applications. Reviews in Analytical Chemistry, 2014, 33, .	1.5	6
256	Comprehensive Regression Model for Dissociation Equilibria of Cell-Specific Aptamers. Analytical Chemistry, 2018, 90, 10487-10493.	3.2	6
257	Probing Dynamic Features of Phagosome Maturation in Macrophage using Au@MnO x @SiO 2 Nanoparticles as pHâ€Sensitive Plasmonic Nanoprobes. Chemistry - an Asian Journal, 2021, 16, 1150-1156.	1.7	6
258	Multicolor Twoâ€Photon Nanosystem for Multiplexed Intracellular Imaging and Targeted Cancer Therapy. Angewandte Chemie, 2021, 133, 12677-12684.	1.6	6
259	Cyclic Amplification of the Afterglow Luminescent Nanoreporter Enables the Prediction of Antiâ€cancer Efficiency. Angewandte Chemie, 2021, 133, 19932-19942.	1.6	6
260	Smart Nanozyme Platform with Activityâ€Correlated Ratiometric Molecular Imaging for Predicating Therapeutic Effect. Angewandte Chemie, 0, , .	1.6	6
261	Plasmonic Imaging of Dynamic Interactions between Membrane Receptor Clusters beyond the Diffraction Limit in Live Cells. Analytical Chemistry, 2021, , .	3.2	6
262	Bismetalloporphyrin-based ISE sensitive to fluoroborate. Analyst, The, 2000, 125, 2285-2288.	1.7	5
263	Smart Humanâ€Serumâ€Albuminâ€“As₂O₃ Nanodrug with Selfâ€Amplified Folate Receptorâ€Targeting Ability for Chronic Myeloid Leukemia Treatment. Angewandte Chemie, 2017, 129, 10985-10989.	1.6	5
264	Single-Particle Mobility Analysis Enables Ratiometric Detection of Cancer Markers under Darkfield Tracking Microscopy. Analytical Chemistry, 2020, 92, 10233-10240.	3.2	5
265	Probing Allosteric Modulation of Membrane Receptor in the Native State by Data Mining-Integrated Tracking Microscopy. CCS Chemistry, 2022, 4, 3150-3161.	4.6	5
266	Enhancing the Release Efficiency of a Molecular Chemotherapeutic Prodrug by Photodynamic Therapy. Angewandte Chemie, 2022, 134, .	1.6	5
267	Reversal of Solvatochromism: A New Strategy to Construct Activatable Twoâ€photon Fluorescent Probes for Sensing. Chemistry - an Asian Journal, 2022, 17, .	1.7	4
268	Selective detection of ozone in inflamed mice using a novel activatable chemiluminescent probe. Chemical Communications, 2022, 58, 4184-4187.	2.2	4
269	Recent Advances in Dualâ€targetâ€activated Fluorescent Probes for Biosensing and Bioimaging. Chemistry - an Asian Journal, 2022, 17, .	1.7	4
270	RÃ¼cktitelbild: A Smart Photosensitizerâ€“Manganese Dioxide Nanosystem for Enhanced Photodynamic Therapy by Reducing Glutathione Levels in Cancer Cells (Angew. Chem. 18/2016). Angewandte Chemie, 2016, 128, 5702-5702.	1.6	3

#	Article	IF	Citations
271	Engineering of Reversible Luminescent Probes for Real-time Intravital Imaging of Liver Injury and Repair. CCS Chemistry, 0, , 1-28.	4.6	3
272	Gold Nanoparticle Based Fluorescence Resonance Energy Transfer Immunoassay for the Detection of the Histone Deacetylase Activity using a Fluorescent Peptide Probe. Analytical Letters, 2013, 46, 2029-2039.	1.0	2
273	Intracellular Signal Amplification for Ultrasensitive Detection and Imaging: Progress, Challenges, and Opportunities. Analysis & Sensing, 2022, 2, .	1.1	2
274	Sizeâ€tunable twoâ€dimensional Pd@Au nanoplates as a platform for fluorescence sensing. Journal of the Chinese Chemical Society, 2018, 65, 1251-1258.	0.8	1
275	Aptamer-Based Biosensors. , 2021, , 67-102.		0
276	æœ‰å°ç»„è£…åž‹è§å…‰å°åˆ†åæŽ¢é’ˆåŠå…¶ç”Ÿç‰©æˆåƒåº”ç”¨ç©¶è¿›å±•. Scientia Sinica Chimica, 2022, , .	0.2	0