

Ronghua Yang

List of Publications by Year in descending order

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papers

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7622
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon Nanotube-Quenched Fluorescent Oligonucleotides: Probes that Fluoresce upon Hybridization. <i>Journal of the American Chemical Society</i> , 2008, 130, 8351-8358.	13.7	541
2	Rationally designed molecular beacons for bioanalytical and biomedical applications. <i>Chemical Society Reviews</i> , 2015, 44, 3036-3055.	38.1	306
3	Filling in the Gaps between Nanozymes and Enzymes: Challenges and Opportunities. <i>Bioconjugate Chemistry</i> , 2017, 28, 2903-2909.	3.6	290
4	Hemicyanine-based High Resolution Ratiometric near-Infrared Fluorescent Probe for Monitoring pH Changes in Vivo. <i>Analytical Chemistry</i> , 2015, 87, 2495-2503.	6.5	215
5	Porphyrim Assembly on β -Cyclodextrin for Selective Sensing and Detection of a Zinc Ion Based on the Dual Emission Fluorescence Ratio. <i>Analytical Chemistry</i> , 2003, 75, 612-621.	6.5	173
6	In Situ Amplification-Based Imaging of RNA in Living Cells. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11574-11585.	13.8	170
7	Design of Aptamer-Based Sensing Platform Using Triple-Helix Molecular Switch. <i>Analytical Chemistry</i> , 2011, 83, 6586-6592.	6.5	161
8	An intramolecular catalytic hairpin assembly on a DNA tetrahedron for mRNA imaging in living cells: improving reaction kinetics and signal stability. <i>Chemical Science</i> , 2020, 11, 1985-1990.	7.4	147
9	Quantitative detection of exosomal microRNA extracted from human blood based on surface-enhanced Raman scattering. <i>Biosensors and Bioelectronics</i> , 2018, 101, 167-173.	10.1	141
10	Design of a Simultaneous Target and Location-Activatable Fluorescent Probe for Visualizing Hydrogen Sulfide in Lysosomes. <i>Analytical Chemistry</i> , 2014, 86, 7508-7515.	6.5	134
11	Fabricating a Reversible and Regenerable Raman-Active Substrate with a Biomolecule-Controlled DNA Nanomachine. <i>Journal of the American Chemical Society</i> , 2012, 134, 19957-19960.	13.7	110
12	A TP-FRET-based two-photon fluorescent probe for ratiometric visualization of endogenous sulfur dioxide derivatives in mitochondria of living cells and tissues. <i>Chemical Communications</i> , 2016, 52, 10289-10292.	4.1	110
13	Universal Surface-Enhanced Raman Scattering Amplification Detector for Ultrasensitive Detection of Multiple Target Analytes. <i>Analytical Chemistry</i> , 2014, 86, 2205-2212.	6.5	103
14	Two-Photon Graphene Oxide/Aptamer Nanosensing Conjugate for <i>In Vitro</i> or <i>In Vivo</i> Molecular Probing. <i>Analytical Chemistry</i> , 2014, 86, 3548-3554.	6.5	101
15	Detection of Circulating Tumor DNA in Human Blood via DNA-Mediated Surface-Enhanced Raman Spectroscopy of Single-Walled Carbon Nanotubes. <i>Analytical Chemistry</i> , 2016, 88, 4759-4765.	6.5	98
16	A Glucose-Powered Activatable Nanozyme Breaking pH and H_2O_2 Limitations for Treating Diabetic Infections. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23534-23539.	13.8	96
17	Silver Nanoparticle Gated, Mesoporous Silica Coated Gold Nanorods (AuNR@MS@AgNPs): Low Premature Release and Multifunctional Cancer Theranostic Platform. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 6211-6219.	8.0	92
18	Ratiometric Visualization of NO/H_2S Cross-Talk in Living Cells and Tissues Using a Nitroxyl-Responsive Two-Photon Fluorescence Probe. <i>Analytical Chemistry</i> , 2017, 89, 4587-4594.	6.5	92

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19	A Spherical Nucleic Acid Platform Based on Self-Assembled DNA Biopolymer for High-Performance Cancer Therapy. <i>ACS Nano</i> , 2013, 7, 6545-6554.	14.6	91
20	In situ formation of fluorescent copper nanoparticles for ultrafast zero-background Cu ²⁺ detection and its toxicides screening. <i>Biosensors and Bioelectronics</i> , 2016, 78, 471-476.	10.1	87
21	A novel SERS nanoprobe for the ratiometric imaging of hydrogen peroxide in living cells. <i>Chemical Communications</i> , 2016, 52, 8553-8556.	4.1	85
22	Progress in biosensor based on DNA-templated copper nanoparticles. <i>Biosensors and Bioelectronics</i> , 2019, 137, 96-109.	10.1	82
23	A Ratiometric Two-Photon Fluorescent Cysteine Probe with Well-Resolved Dual Emissions Based on Intramolecular Charge Transfer-Mediated Two-Photon-FRET Integration Mechanism. <i>ACS Sensors</i> , 2018, 3, 2415-2422.	7.8	81
24	A theranostic agent for in vivo near-infrared imaging of β -amyloid species and inhibition of β -amyloid aggregation. <i>Biomaterials</i> , 2016, 94, 84-92.	11.4	79
25	Pt-S Bond-Mediated Nanoflakes for High-Fidelity Intracellular Applications by Avoiding Thiol Cleavage. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14044-14048.	13.8	79
26	Target MicroRNA-Responsive DNA Hydrogel-Based Surface-Enhanced Raman Scattering Sensor Arrays for MicroRNA-Marked Cancer Screening. <i>Analytical Chemistry</i> , 2020, 92, 2649-2655.	6.5	78
27	Target-Activated Modulation of Dual-Color and Two-Photon Fluorescence of Graphene Quantum Dots for in Vivo Imaging of Hydrogen Peroxide. <i>Analytical Chemistry</i> , 2016, 88, 4833-4840.	6.5	77
28	Real-Time Visualizing Mitophagy-Specific Viscosity Dynamic by Mitochondria-Anchored Molecular Rotor. <i>Analytical Chemistry</i> , 2019, 91, 8574-8581.	6.5	75
29	A Selective Optode Membrane for Histidine Based on Fluorescence Enhancement of Meso-Meso-Linked Porphyrin Dimer. <i>Analytical Chemistry</i> , 2002, 74, 1088-1096.	6.5	74
30	Reversible molecular switching of molecular beacon: controlling DNA hybridization kinetics and thermodynamics using mercury(II) ions. <i>Chemical Communications</i> , 2009, , 322-324.	4.1	73
31	Simultaneous Intracellular β -Glucosidase and Phosphodiesterase I Activities Measurements Based on A Triple-Signaling Fluorescent Probe. <i>Analytical Chemistry</i> , 2011, 83, 1268-1274.	6.5	64
32	Direct Fluorescent Detection of Blood Potassium by Ion-Selective Formation of Intermolecular G-Quadruplex and Ligand Binding. <i>Analytical Chemistry</i> , 2016, 88, 9285-9292.	6.5	63
33	A new enzyme-free quadratic SERS signal amplification approach for circulating microRNA detection in human serum. <i>Chemical Communications</i> , 2015, 51, 16271-16274.	4.1	62
34	Two-Photon Sensing and Imaging of Endogenous Biological Cyanide in Plant Tissues Using Graphene Quantum Dot/Gold Nanoparticle Conjugate. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 19509-19515.	8.0	59
35	Azoreductase-Responsive Nanoprobe for Hypoxia-Induced Mitophagy Imaging. <i>Analytical Chemistry</i> , 2019, 91, 1360-1367.	6.5	59
36	Highly Sensitive Detection of Bladder Cancer-Related miRNA in Urine Using Time-Gated Luminescent Biochip. <i>ACS Sensors</i> , 2019, 4, 2124-2130.	7.8	55

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37	Nucleotide and DNA coordinated lanthanides: From fundamentals to applications. <i>Coordination Chemistry Reviews</i> , 2019, 387, 235-248.	18.8	54
38	SERS assay of telomerase activity at single-cell level and colon cancer tissues via quadratic signal amplification. <i>Biosensors and Bioelectronics</i> , 2016, 77, 673-680.	10.1	53
39	Azoreductase-Responsive Metal-Organic Framework-Based Nanodrug for Enhanced Cancer Therapy via Breaking Hypoxia-induced Chemoresistance. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 25740-25749.	8.0	52
40	Oligonucleotide Cross-Linked Hydrogel for Recognition and Quantitation of MicroRNAs Based on a Portable Glucometer Readout. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 7792-7799.	8.0	50
41	Poly β -Cyclodextrin/TPdye Nanomicelle-based Two-Photon Nanoprobe for Caspase-3 Activation Imaging in Live Cells and Tissues. <i>Analytical Chemistry</i> , 2014, 86, 11440-11450.	6.5	48
42	Visualizing Endogenous Sulfur Dioxide Derivatives in Febrile-Seizure-Induced Hippocampal Damage by a Two-Photon Energy Transfer Cassette. <i>Analytical Chemistry</i> , 2018, 90, 14514-14520.	6.5	48
43	Dual-Stimulus Responsive Near-Infrared Reversible Ratiometric Fluorescent and Photoacoustic Probe for <i>In Vivo</i> Tumor Imaging. <i>Analytical Chemistry</i> , 2021, 93, 5420-5429.	6.5	48
44	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.	6.5	47
45	<i>In Situ</i> Amplification-Based Imaging of RNA in Living Cells. <i>Angewandte Chemie</i> , 2019, 131, 11698-11709.	2.0	46
46	Substrate-Photocaged Enzymatic Fluorogenic Probe Enabling Sequential Activation for Light-Controllable Monitoring of Intracellular Tyrosinase Activity. <i>Analytical Chemistry</i> , 2020, 92, 7194-7199.	6.5	46
47	<i>In Vivo</i> Lighted Fluorescence via Fenton Reaction: Approach for Imaging of Hydrogen Peroxide in Living Systems. <i>Analytical Chemistry</i> , 2016, 88, 3998-4003.	6.5	45
48	Graphene Oxide Assisted Fluorescent Chemodosimeter for High-Performance Sensing and Bioimaging of Fluoride Ions. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 9768-9775.	8.0	44
49	Targeted Intracellular Controlled Drug Delivery and Tumor Therapy through in Situ Forming Ag Nanogates on Mesoporous Silica Nanocontainers. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 11930-11938.	8.0	44
50	Fabrication of an electrochemical sensor based on spiropyran for sensitive and selective detection of fluoride ion. <i>Analytica Chimica Acta</i> , 2016, 918, 97-102.	5.4	44
51	Design and Engineering of Hypoxia and Acidic pH Dual-Stimuli-Responsive Intelligent Fluorescent Nanoprobe for Precise Tumor Imaging. <i>Small</i> , 2021, 17, e2100243.	10.0	44
52	Engineering a nanolab for the determination of lysosomal nitric oxide by the rational design of a pH-activatable fluorescent probe. <i>Chemical Science</i> , 2016, 7, 1920-1925.	7.4	43
53	Molecular Engineering of β -Substituted Acrylate Ester Template for Efficient Fluorescence Probe of Hydrogen Polysulfides. <i>Analytical Chemistry</i> , 2018, 90, 881-887.	6.5	43
54	Triplex-Functionalized DNA Tetrahedral Nanoprobe for Imaging of Intracellular pH and Tumor-Related Messenger RNA. <i>Analytical Chemistry</i> , 2019, 91, 15599-15607.	6.5	42

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55	Selection and Screening of DNA Aptamers for Inorganic Nanomaterials. <i>Chemistry - A European Journal</i> , 2018, 24, 2525-2532.	3.3	38
56	Azoreductase and Target Simultaneously Activated Fluorescent Monitoring for Cytochrome c Release under Hypoxia. <i>Analytical Chemistry</i> , 2018, 90, 5865-5872.	6.5	37
57	Poly β -cyclodextrin inclusion-induced formation of two-photon fluorescent nanomicelles for biomedical imaging. <i>Chemical Communications</i> , 2014, 50, 8398-8401.	4.1	35
58	Two-Photon Excitation/Red Emission, Ratiometric Fluorescent Nanoprobe for Intracellular pH Imaging. <i>Analytical Chemistry</i> , 2020, 92, 583-587.	6.5	34
59	Photoactivatable fluorescent probes for spatiotemporal-controlled biosensing and imaging. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 125, 115811.	11.4	33
60	3,3',5,5'-Tetramethyl-N-(9-anthrylmethyl)benzidine: A Dual-Signaling Fluorescent Reagent for Optical Sensing of Aliphatic Aldehydes. <i>Analytical Chemistry</i> , 2003, 75, 3908-3914.	6.5	32
61	Sensitive and rapid detection of endogenous hydrogen sulfide distributing in different mouse viscera via a two-photon fluorescent probe. <i>Analytica Chimica Acta</i> , 2015, 896, 128-136.	5.4	29
62	Quantitative Monitoring of Hypoxia-Induced Intracellular Acidification in Lung Tumor Cells and Tissues Using Activatable Surface-Enhanced Raman Scattering Nanoprobes. <i>Analytical Chemistry</i> , 2016, 88, 11852-11859.	6.5	29
63	A novel AgNP/DNA/TPdye conjugate-based two-photon nanoprobe for GSH imaging in cell apoptosis of cancer tissue. <i>Chemical Communications</i> , 2015, 51, 16810-16812.	4.1	28
64	Hypoxia-triggered gene therapy: a new drug delivery system to utilize photodynamic-induced hypoxia for synergistic cancer therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6424-6430.	5.8	27
65	Electrochemical Reduction-Assisted <i>In Situ</i> Fabrication of a Graphene/Au Nanoparticles@polyoxometalate Nanohybrid Film: High-Performance Electrochemical Detection for Uric Acid. <i>Langmuir</i> , 2020, 36, 7365-7374.	3.5	27
66	SERS monitoring the dynamics of local pH in lysosome of living cells during photothermal therapy. <i>Analyst</i> , 2016, 141, 3224-3227.	3.5	26
67	A Reversible Nanolamp for Instantaneous Monitoring of Cyanide Based on an Elsner-Like Reaction. <i>Analytical Chemistry</i> , 2016, 88, 9759-9765.	6.5	26
68	Highly selective imaging of lysosomal azoreductase under hypoxia using pH-regulated and target-activated fluorescent nanoprobes. <i>Chemical Communications</i> , 2019, 55, 3235-3238.	4.1	26
69	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.	4.1	26
70	<i>In Vivo</i> Imaging of Hypoxia Associated with Inflammatory Bowel Disease by a Cytoplasmic Protein-Powered Fluorescence Cascade Amplifier. <i>Analytical Chemistry</i> , 2020, 92, 5787-5794.	6.5	26
71	Al centre-powered graphitic nanozyme with high catalytic efficiency for pH-independent chemodynamic therapy of cancer. <i>Chemical Communications</i> , 2020, 56, 6285-6288.	4.1	26
72	An Activatable Nanoenzyme Reactor for Coenhanced Chemodynamic and Starving Therapy Against Tumor Hypoxia and Antioxidant Defense System. <i>CCS Chemistry</i> , 2021, 3, 1217-1230.	7.8	26

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73	Programmable DNA triple-helix molecular switch in biosensing applications: from in homogenous solutions to in living cells. <i>Chemical Communications</i> , 2017, 53, 2507-2510.	4.1	25
74	A near-infrared fluorogenic probe with fast response for detecting sodium dithionite in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 245, 118887.	3.9	25
75	DNA-templated in situ growth of silver nanoparticles on mesoporous silica nanospheres for smart intracellular GSH-controlled release. <i>Chemical Communications</i> , 2015, 51, 6544-6547.	4.1	24
76	Development of spiropyran-based electrochemical sensor via simultaneous photochemical and target-activatable electron transfer. <i>Biosensors and Bioelectronics</i> , 2014, 62, 151-157.	10.1	23
77	Remote-Controlled Release of DNA in Living Cells via Simultaneous Light and Host-Guest Mediations. <i>Analytical Chemistry</i> , 2014, 86, 10208-10214.	6.5	22
78	Upconversion Nanoprobes for in Vitro and ex Vivo Measurement of Carbon Monoxide. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26684-26689.	8.0	22
79	A fluorescent nanoprobe based on azoreductase-responsive metal-organic frameworks for imaging VEGF mRNA under hypoxic conditions. <i>Analyt. The</i> , 2019, 144, 6254-6261.	3.5	22
80	Misfolding of a DNAzyme for ultrahigh sodium selectivity over potassium. <i>Nucleic Acids Research</i> , 2018, 46, 10262-10271.	14.5	21
81	Volatile profiles of fresh rice noodles fermented with pure and mixed cultures. <i>Food Research International</i> , 2019, 119, 152-160.	6.2	21
82	Zn ²⁺ -Coordination-Driven RNA Assembly with Retained Integrity and Biological Functions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22970-22976.	13.8	21
83	Technologies for analysis of circulating tumour DNA: Progress and promise. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 97, 36-49.	11.4	20
84	Synchronous screening of multiplexed biomarkers of Alzheimer's disease by a length-encoded aerolysin nanopore-integrated triple-helix molecular switch. <i>Chemical Communications</i> , 2019, 55, 6433-6436.	4.1	19
85	Noninvasive and Highly Selective Monitoring of Intracellular Glucose via a Two-Step Recognition-Based Nanokit. <i>Analytical Chemistry</i> , 2017, 89, 8319-8327.	6.5	18
86	A new strategy for fluorometric detection of ascorbic acid based on hydrolysis and redox reaction. <i>RSC Advances</i> , 2014, 4, 35112.	3.6	17
87	Hypoxia-responsive fluorescent nanoprobe for imaging and cancer therapy. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 131, 116010.	11.4	17
88	Thiol-suppressed I ₂ -etching of AuNRs: acetylcholinesterase-mediated colorimetric detection of organophosphorus pesticides. <i>Mikrochimica Acta</i> , 2020, 187, 497.	5.0	16
89	Human Serum Albumin-Occupying-Based Fluorescence Turn-On Analysis of Antiepileptic Drug Tiagabine Hydrochloride. <i>Analytical Chemistry</i> , 2020, 92, 3555-3562.	6.5	16
90	Long-Lasting Bioluminescence Imaging of the Fibroblast Activation Protein by an Amphiphilic Block Copolymer-Based Probe. <i>Analytical Chemistry</i> , 2021, 93, 3726-3732.	6.5	16

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91	Target-triggered hairpin-free chain-branching growth of DNA dendrimers for contrast-enhanced imaging in living cells by avoiding signal dispersion. <i>Chinese Chemical Letters</i> , 2022, 33, 773-777.	9.0	16
92	Noncovalently Caged Firefly Luciferins Enable Amplifiable Bioluminescence Sensing of Hyaluronidase-1 Activity in Vivo. <i>ACS Sensors</i> , 2020, 5, 1726-1733.	7.8	16
93	A Target-Lighted dsDNA-Indicator for High-Performance Monitoring of Mercury Pollution and Its Antagonists Screening. <i>Environmental Science & Technology</i> , 2017, 51, 11884-11890.	10.0	15
94	Multifunctional Programmable DNA Nanotrains for Activatable Hypoxia Imaging and Mitochondrion-Targeted Enhanced Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 9681-9690.	8.0	15
95	DNA template-synthesized silver nanoparticles: A new platform for high-performance fluorescent biosensing of biothiols. <i>Science China Chemistry</i> , 2011, 54, 1266-1272.	8.2	14
96	Visual Biopsy by Hydrogen Peroxide-Induced Signal Amplification. <i>Analytical Chemistry</i> , 2016, 88, 10728-10735.	6.5	14
97	Direct Detection of Nucleic Acid with Minimizing Background and Improving Sensitivity Based on a Conformation-Discriminating Indicator. <i>ACS Sensors</i> , 2017, 2, 1198-1204.	7.8	14
98	Cytoplasmic Protein-Powered In Situ Fluorescence Amplification for Intracellular Assay of Low-Abundance Analyte. <i>Analytical Chemistry</i> , 2019, 91, 15179-15186.	6.5	13
99	Rayleigh light scattering study on the supramolecular interactions of β -cyclodextrin derivatives with tetrakis(4-methoxyphenyl)porphyrin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 153-161.	3.9	12
100	Utilization of a spiropyran derivative in a polymeric film optode for selective fluorescent sensing of zinc ion. <i>Science in China Series B: Chemistry</i> , 2006, 49, 246-255.	0.8	12
101	Colorimetric aminotriazole assay based on catalase deactivation-dependent longitudinal etching of gold nanorods. <i>Mikrochimica Acta</i> , 2019, 186, 565.	5.0	12
102	MIL/Aptamer as a Nanosensor Capable of Resisting Nonspecific Displacement for ATP Imaging in Living Cells. <i>ACS Omega</i> , 2019, 4, 9074-9080.	3.5	12
103	A spherical nucleic acid-based two-photon nanoprobe for RNase H activity assay in living cells and tissues. <i>Nanoscale</i> , 2019, 11, 8133-8137.	5.6	12
104	Natural Peptide Probe Screened for High-Performance Fluorescent Sensing of Copper Ion: Especially Sensitivity, Rapidity, and Environment-Friendliness. <i>ACS Omega</i> , 2019, 4, 793-800.	3.5	12
105	Human serum albumin as an intrinsic signal amplification amplifier for ultrasensitive assays of the prostate-specific antigen in human plasma. <i>Chemical Communications</i> , 2020, 56, 1843-1846.	4.1	12
106	Pt ^{II} -S Bond-Mediated Nanoflares for High-Fidelity Intracellular Applications by Avoiding Thiol Cleavage. <i>Angewandte Chemie</i> , 2020, 132, 14148-14152.	2.0	12
107	Fluorescent detection of singlet oxygen: Amplifying signal transduction and improving sensitivity based on intramolecular FRET of anthryl appended porphyrins. <i>Science Bulletin</i> , 2011, 56, 3253.	1.7	10
108	Competitive Assembly To Increase the Performance of the DNA/Carbon-Nanomaterial-Based Sensing Platform. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 13470-13477.	8.0	10

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109	The fluorescence imaging and precise suppression of bacterial infections in chronic wounds by porphyrin-based metal-organic framework nanorods. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8048-8055.	5.8	10
110	Reductase and Light Programmatical Gated DNA Nanodevice for Spatiotemporally Controlled Imaging of Biomolecules in Subcellular Organelles under Hypoxic Conditions. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 33894-33904.	8.0	10
111	Electropolymerization of polyaniline in ionic liquid ([bmim]PF ₆)/water microemulsion. <i>Journal of Experimental Nanoscience</i> , 2013, 8, 103-112.	2.4	9
112	Peptide-fluorophore/AuNP conjugate-based two-photon excited fluorescent nanosensor for caspase-3 activity imaging assay in living cells and tissue. <i>MedChemComm</i> , 2017, 8, 1435-1439.	3.4	9
113	Use of a small molecule as an initiator for interchain Staudinger reaction: A new ATP sensing platform using product fluorescence. <i>Talanta</i> , 2018, 178, 282-286.	5.5	9
114	Differentiation of Intracellular Hyaluronidase Isoform by Degradable Nanoassembly Coupled with RNA-Binding Fluorescence Amplification. <i>Analytical Chemistry</i> , 2019, 91, 6887-6893.	6.5	9
115	Facile Synthesis of Luminous Nanoparticles with Tunable Size and Long-Lived Luminescence for Lifetime-Based Biosensing. <i>Crystal Growth and Design</i> , 2019, 19, 2322-2328.	3.0	9
116	A Polymeric Nanobeacon for Monitoring the Fluctuation of Hydrogen Polysulfides during Fertilization and Embryonic Development. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	9
117	Determination of low-level mercury based on a renewable-drops sensing technique. <i>Fresenius' Journal of Analytical Chemistry</i> , 2000, 368, 797-802.	1.5	8
118	"Trojan Horse"-DNA Nanostructure for Personalized Theranostics: Can It Knock on the Door of Preclinical Practice?. <i>Langmuir</i> , 2018, 34, 15028-15044.	3.5	8
119	Initial Study on Information Quantity of Point Cloud. <i>Journal of the Indian Society of Remote Sensing</i> , 2015, 43, 243-258.	2.4	6
120	A fluorescent sensing membrane for iodine based on intramolecular excitation energy transfer of anthryl appended porphyrin. <i>Science in China Series B: Chemistry</i> , 2009, 52, 793-801.	0.8	5
121	Colorimetric detection of ATP with DNAzyme: design an activatable hairpin probe for reducing background signals and improving selectivity. <i>Analytical Methods</i> , 2014, 6, 3219-3222.	2.7	5
122	Self-Immolative Dye-Doped Polymeric Probe for Precisely Imaging Hydroxyl Radicals by Avoiding Leakage. <i>Analytical Chemistry</i> , 2021, 93, 12944-12953.	6.5	5
123	A dsDNA-lighted fluorophore for monitoring protein-ligand interaction through binding-mediated DNA protection. <i>Science China Chemistry</i> , 2018, 61, 1630-1636.	8.2	4
124	Establishment of a New Quantitative Evaluation Model of the Targets' Geometry Distribution for Terrestrial Laser Scanning. <i>Sensors</i> , 2020, 20, 555.	3.8	4
125	Zn ²⁺ -Coordination-Driven RNA Assembly with Retained Integrity and Biological Functions. <i>Angewandte Chemie</i> , 2021, 133, 23152-23158.	2.0	4
126	A Glucose-Powered Activatable Nanozyme Breaking pH and H ₂ O ₂ Limitations for Treating Diabetic Infections. <i>Angewandte Chemie</i> , 2021, 133, 23726-23731.	2.0	4

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127	Engineering dual-responsive, exosome-surface anchored DNA nanosensor for microenvironment monitoring in vivo. <i>Chemical Communications</i> , 2022, , .	4.1	4
128	Design of multiplex logic gates: Combining regulation of DNA structure with logical calculation. <i>Science China Chemistry</i> , 2014, 57, 453-458.	8.2	2
129	Visualization of Long Noncoding RNA MEG3 in Living Cells by a Triple-Helix-Powered 3D Catcher. <i>ACS Applied Bio Materials</i> , 2020, 3, 2588-2596.	4.6	2
130	Visualization of O ₂ /ATP cross-talk in living cells with a smart fluorescent nanoprobe. <i>Chemical Communications</i> , 2021, 57, 7786-7789.	4.1	1
131	A pyrene-pyridyl nanooligomer as a methoxy-triggered reactive probe for highly specific fluorescence assaying of hypochlorite. <i>Chemical Communications</i> , 2022, , .	4.1	1
132	Bidirectional modulation of microRNA with a clamp-like triplex switch for enhanced and programmed gene therapy. <i>Chemical Communications</i> , 2021, 57, 12131-12134.	4.1	0
133	Frontispiz: A Glucoseâ€Powered Activatable Nanozyme Breaking pH and H ₂ O ₂ Limitations for Treating Diabetic Infections. <i>Angewandte Chemie</i> , 2021, 133, .	2.0	0
134	Frontispiece: A Glucoseâ€Powered Activatable Nanozyme Breaking pH and H ₂ O ₂ Limitations for Treating Diabetic Infections. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	13.8	0
135	A Polymeric Nanobeacon for Monitoring the Fluctuation of Hydrogen Polysulfides During Fertilization and Embryonic Development. <i>Angewandte Chemie</i> , 0, , .	2.0	0