

# Bo Tang

## List of Publications by Year in descending order

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670  
papers

36,614  
citations

2802

94  
h-index

8396

147  
g-index

683  
all docs

683  
docs citations

683  
times ranked

28207  
citing authors

#	ARTICLE	IF	CITATIONS
1	N-doped carbon nanotubes supported CoSe <sub>2</sub> nanoparticles: A highly efficient and stable catalyst for H <sub>2</sub> O <sub>2</sub> electrosynthesis in acidic media. <i>Nano Research</i> , 2022, 15, 304-309.	10.4	90
2	Recent advances in small molecule fluorescent probes for simultaneous imaging of two bioactive molecules in live cells and in vivo. <i>Frontiers of Chemical Science and Engineering</i> , 2022, 16, 4-33.	4.4	11
3	All-polymer solar cells with over 16% efficiency and enhanced stability enabled by compatible solvent and polymer additives. <i>Aggregate</i> , 2022, 3, e58.	9.9	85
4	Air-Processed Efficient Organic Solar Cells from Aromatic Hydrocarbon Solvent without Solvent Additive or Post-treatment: Insights into Solvent Effect on Morphology. <i>Energy and Environmental Materials</i> , 2022, 5, 977-985.	12.8	59
5	Enhancing electrocatalytic N <sub>2</sub> -to-NH <sub>3</sub> fixation by suppressing hydrogen evolution with alkylthiols modified Fe <sub>3</sub> P nanoarrays. <i>Nano Research</i> , 2022, 15, 1039-1046.	10.4	74
6	A $\beta$ -cyclodextrin covalent organic framework used as a chiral stationary phase for chiral separation in gas chromatography. <i>Chinese Chemical Letters</i> , 2022, 33, 898-902.	9.0	45
7	An endoplasmic reticulum-targeted organic photothermal agent for enhanced cancer therapy. <i>Chinese Chemical Letters</i> , 2022, 33, 793-797.	9.0	15
8	Isobaric vapor-liquid equilibria and distillation process design for separating ketones in biomass pyrolysis oil. <i>Journal of Chemical Thermodynamics</i> , 2022, 164, 106622.	2.0	6
9	Synthesis of Au-Se bonded nanoprobe for specific detection of thrombin in lung cancer cells. <i>Sensors and Actuators B: Chemical</i> , 2022, 352, 130999.	7.8	1
10	Enantioselective Synthesis of Chiral Carboxylic Acids from Alkynes and Formic Acid by Nickel-Catalyzed Cascade Reactions: Facile Synthesis of Profens. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	22
11	Fluorescence imaging for visualizing the bioactive molecules of lipid peroxidation within biological systems. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 146, 116484.	11.4	13
12	One-Pot Synthesis of Multifunctional Carbon-Based Nanoparticle-Supported Dispersed Cu <sup>2+</sup> Disrupts Redox Homeostasis to Enhance CDT. <i>Angewandte Chemie</i> , 2022, 134, e202114373.	2.0	2
13	Deep-Tissue Fluorescence Imaging Study of Reactive Oxygen Species in a Tumor Microenvironment. <i>Analytical Chemistry</i> , 2022, 94, 165-176.	6.5	29
14	One-Pot Synthesis of Multifunctional Carbon-Based Nanoparticle-Supported Dispersed Cu <sup>2+</sup> Disrupts Redox Homeostasis to Enhance CDT. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202114373.	13.8	37
15	MnO <sub>2</sub> nanoarray with oxygen vacancies: An efficient catalyst for NO electroreduction to NH <sub>3</sub> at ambient conditions. <i>Materials Today Physics</i> , 2022, 22, 100586.	6.0	54
16	A biomimetic ZIF nanoagent for synergistic regulation of glutamine metabolism and intracellular acidosis of cancer. <i>Chemical Communications</i> , 2022, 58, 1554-1557.	4.1	7
17	Sphingomyelin-Sequestered Cholesterol Domain Recruits Formin-Binding Protein 17 for Constricting Clathrin-Coated Pits in Influenza Virus Entry. <i>Journal of Virology</i> , 2022, 96, JV0181321.	3.4	6
18	Biomass <i>Juncus</i> derived carbon decorated with cobalt nanoparticles enables high-efficiency ammonia electrosynthesis by nitrite reduction. <i>Journal of Materials Chemistry A</i> , 2022, 10, 2842-2848.	10.3	47

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19	High-efficiency ammonia electrosynthesis via selective reduction of nitrate on ZnCo <sub>2</sub> O <sub>4</sub> nanosheet array. <i>Materials Today Physics</i> , 2022, 23, 100619.	6.0	72
20	A simple, rapid and low-cost qPCR assay for evaluating the severity of exosomal PD-L1-mediated T cell exhaustion in blood samples. <i>Chemical Communications</i> , 2022, 58, 831-834.	4.1	2
21	A gradient hexagonal-prism Fe <sub>3</sub> Se <sub>4</sub> @SiO <sub>2</sub> @C configuration as a highly reversible sodium conversion anode. <i>Journal of Materials Chemistry A</i> , 2022, 10, 4087-4099.	10.3	46
22	Bi nanodendrites for highly efficient electrocatalytic NO reduction to NH <sub>3</sub> at ambient conditions. <i>Materials Today Physics</i> , 2022, 22, 100611.	6.0	36
23	Highly efficient two-electron electroreduction of oxygen into hydrogen peroxide over Cu-doped TiO <sub>2</sub> . <i>Nano Research</i> , 2022, 15, 3880-3885.	10.4	38
24	One-Pot Difunctionalization of Aryldiazonium Salts for Synthesis of para-Azophenols. <i>Frontiers in Chemistry</i> , 2022, 10, 818627.	3.6	0
25	Acid-driven aggregation of selenol-functionalized zwitterionic gold nanoparticles improves the photothermal treatment efficacy of tumors. <i>Materials Chemistry Frontiers</i> , 2022, 6, 775-782.	5.9	2
26	Sensitive Quantification of MicroRNA in Blood through Multi-Step Amplification Toehold-Mediated DNA Strand Displacement Paper Spray Mass Spectrometry (TSD-PS MS). <i>Angewandte Chemie</i> , 2022, 134, .	2.0	1
27	Sensitive Quantification of MicroRNA in Blood through Multi-Step Amplification Toehold-Mediated DNA Strand Displacement Paper Spray Mass Spectrometry (TSD-PS MS). <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	13
28	Iron-doped cobalt oxide nanoarray for efficient electrocatalytic nitrate-to-ammonia conversion. <i>Journal of Colloid and Interface Science</i> , 2022, 615, 636-642.	9.4	67
29	Evaluating diabetic ketoacidosis <i>in vivo</i> a MOF sensor for fluorescence imaging of phosphate and pH. <i>Chemical Communications</i> , 2022, 58, 3023-3026.	4.1	12
30	Ambient Ammonia Synthesis via Electrochemical Reduction of Nitrate Enabled by NiCo <sub>2</sub> O <sub>4</sub> Nanowire Array. <i>Small</i> , 2022, 18, e2106961.	10.0	171
31	High-efficiency ammonia electrosynthesis on self-supported Co <sub>2</sub> AlO <sub>4</sub> nanoarray in neutral media by selective reduction of nitrate. <i>Chemical Engineering Journal</i> , 2022, 435, 135104.	12.7	71
32	In situ grown Fe <sub>3</sub> O <sub>4</sub> particle on stainless steel: A highly efficient electrocatalyst for nitrate reduction to ammonia. <i>Nano Research</i> , 2022, 15, 3050-3055.	10.4	108
33	<i>In situ</i> fluorescence imaging reveals that mitochondrial H <sub>2</sub> O <sub>2</sub> mediates lysosomal dysfunction in depression. <i>Chemical Communications</i> , 2022, 58, 6320-6323.	4.1	6
34	A 3D FeOOH nanotube array: an efficient catalyst for ammonia electrosynthesis by nitrite reduction. <i>Chemical Communications</i> , 2022, 58, 5160-5163.	4.1	20
35	Co nanoparticle-decorated pomelo-peel-derived carbon enabled high-efficiency electrocatalytic nitrate reduction to ammonia. <i>Chemical Communications</i> , 2022, 58, 4259-4262.	4.1	40
36	Recent progress in small-molecule fluorescent probes for endoplasmic reticulum imaging in biological systems. <i>Analyst</i> , The, 2022, 147, 987-1005.	3.5	14

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37	Coupling denitrification and ammonia synthesis <i>via</i> selective electrochemical reduction of nitric oxide over Fe <sub>2</sub> O <sub>3</sub> nanorods. <i>Journal of Materials Chemistry A</i> , 2022, 10, 6454-6462.	10.3	52
38	Hepatotoxicity-Related Oxidative Modifications of Thioredoxin 1/Peroxiredoxin 1 Induced by Different Cadmium-Based Quantum Dots. <i>Analytical Chemistry</i> , 2022, 94, 3608-3616.	6.5	4
39	A Near-Infrared Probe for Specific Imaging of Lipid Droplets in Living Cells. <i>Analytical Chemistry</i> , 2022, 94, 4881-4888.	6.5	40
40	Palladium(II)-Catalyzed C(sp <sup>2</sup> )-H Bond Activation/C-N Bond Cleavage Annulation of <i>N</i> -Methoxy Amides and Arynes. <i>Organic Letters</i> , 2022, 24, 2087-2092.	4.6	3
41	Amorphous Boron Carbide on Titanium Dioxide Nanobelt Arrays for High-Efficiency Electrocatalytic NO Reduction to NH <sub>3</sub> . <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	121
42	High-Performance Electrochemical Nitrate Reduction to Ammonia under Ambient Conditions Using a FeOOH Nanorod Catalyst. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 17312-17318.	8.0	58
43	Recent Progress in Small-Molecule Fluorescence and Photoacoustic Dual-Modal Probes for the <i>In Vivo</i> Detection of Bioactive Molecules. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	3.3	14
44	High-efficiency NO electroreduction to NH <sub>3</sub> over honeycomb carbon nanofiber at ambient conditions. <i>Journal of Colloid and Interface Science</i> , 2022, 616, 261-267.	9.4	26
45	Demystifying Lysosomal $\alpha$ -Fucosidase in Liver Cancer-Bearing Mice by Specific Two-Photon Fluorescence Imaging. <i>ACS Sensors</i> , 2022, 7, 71-81.	7.8	11
46	Dual-Channel Fluorescent Probe for the Simultaneous Monitoring of Peroxynitrite and Adenosine-5-triphosphate in Cellular Applications. <i>Journal of the American Chemical Society</i> , 2022, 144, 174-183.	13.7	89
47	A dual-responsive probe for the simultaneous monitoring of viscosity and peroxynitrite with different fluorescence signals in living cells. <i>Chemical Communications</i> , 2022, 58, 5976-5979.	4.1	20
48	Fabricating and Modulating Robust Multi-Photoaddressable Systems with the Derivatives of Diarylethylene and Donor-Acceptor Stenhouse Adducts. <i>Journal of Physical Chemistry Letters</i> , 2022, , 3611-3620.	4.6	1
49	Ratiometric fluorescence biosensor for imaging of protein phosphorylation levels in atherosclerosis mice. <i>Analytica Chimica Acta</i> , 2022, 1208, 339825.	5.4	4
50	Ni(OH) <sub>2</sub> nanoparticles encapsulated in conductive nanowire array for high-performance alkaline seawater oxidation. <i>Nano Research</i> , 2022, 15, 6084-6090.	10.4	111
51	Sustained-release nanocapsule based on a 3D COF for long-term enzyme prodrug therapy of cancer. <i>Chemical Communications</i> , 2022, 58, 5877-5880.	4.1	13
52	Two-photon fluorescence imaging of the cerebral peroxynitrite stress in Alzheimer's disease. <i>Chemical Communications</i> , 2022, 58, 6300-6303.	4.1	25
53	Electrochemical reduction of nitrate on silver surface and an <i>in situ</i> Raman spectroscopy study. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2734-2740.	6.0	18
54	Acceleration of the pre-oxidation process by tuning the degree of sulfurization for promoted oxygen evolution reaction. <i>Chemical Communications</i> , 2022, 58, 6360-6363.	4.1	23

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55	Conductive Two-Dimensional Magnesium Metal-Organic Frameworks for High-Efficiency $\text{O}_2$ Electroreduction to $\text{H}_2\text{O}_2$ . ACS Catalysis, 2022, 12, 6092-6099.	11.2	78
56	Enhancing Electrocatalytic NO Reduction to $\text{NH}_3$ by the CoS Nanosheet with Sulfur Vacancies. Inorganic Chemistry, 2022, 61, 8096-8102.	4.0	26
57	Au-Se bonded nanoprobe for prostate specific antigen detection in serum. Analytica Chimica Acta, 2022, 1210, 339852.	5.4	4
58	Quantitative Chemoproteomic Profiling of Targets of Au(I) Complexes by Competitive Activity-Based Protein Profiling. Bioconjugate Chemistry, 2022, 33, 1131-1137.	3.6	4
59	An autophagy-inhibitory MOF nanoreactor for tumor-targeted synergistic therapy. Biomaterials Science, 2022, 10, 3088-3091.	5.4	7
60	Cerium-induced lattice disordering in Co-based nanocatalysts promoting the hydrazine electro-oxidation behavior. Chemical Communications, 2022, 58, 6845-6848.	4.1	15
61	Versatile organic fluorescent probes for imaging reactive oxygen species in living cells and <i>in vivo</i> . Scientia Sinica Chimica, 2022, , .	0.4	1
62	Dual near infrared emission in $\text{Ag}_2\text{Se}$ quantum dots <i>via</i> Pb doping for broadband mini light-emitting diodes. Chemical Communications, 2022, 58, 8432-8435.	4.1	4
63	Visualization of the process: selenocysteine activates GPX4 in ferroptosis based on a nano-fluorescent probe. Science China Chemistry, 2022, 65, 1286-1290.	8.2	4
64	Three-dimensional covalent organic frameworks as enzyme nanoprotector: preserving the activity of catalase in acidic environment for hypoxia cancer therapy. Materials Today Nano, 2022, 19, 100236.	4.6	6
65	Quantum Dots with a Compact Amphiphilic Zwitterionic Coating. ACS Applied Materials & Interfaces, 2022, 14, 28097-28104.	8.0	3
66	Simultaneous fluorescence imaging of Golgi $\text{O}_2^{\bullet-}$ and Golgi $\text{H}_2\text{O}_2$ in mice with hypertension. Biosensors and Bioelectronics, 2022, 213, 114480.	10.1	7
67	$\text{Cu}^{2+}$ Embedded Three-Dimensional Covalent Organic Framework for Multiple ROS-Based Cancer Immunotherapy. ACS Applied Materials & Interfaces, 2022, 14, 30618-30625.	8.0	20
68	Hypochlorous Acid-Activated Multifunctional Fluorescence Platform for Depression Therapy and Antidepressant Efficacy Evaluation. Analytical Chemistry, 2022, 94, 9811-9818.	6.5	8
69	High-Efficiency Ternary Organic Solar Cells with a Good Figure-of-Merit Enabled by Two Low-Cost Donor Polymers. ACS Energy Letters, 2022, 7, 2547-2556.	17.4	109
70	Photocontrollable Fluorescence Imaging of Mitochondrial Peroxynitrite during Ferroptosis with High Fidelity. Analytical Chemistry, 2022, 94, 10213-10220.	6.5	19
71	Reduction-induced surface reconstruction to fabricate cobalt hydroxide/molybdenum oxide hybrid nanosheets for promoted oxygen evolution reaction. Chemical Engineering Journal, 2021, 413, 127540.	12.7	25
72	Tricolor imaging of MMPs to investigate the promoting roles of inflammation on invasion and migration of tumor cells. Talanta, 2021, 222, 121525.	5.5	13

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73	Systematically investigating the effect of the aggregation behaviors in solution on the charge transport properties of BDOPV-based polymers with conjugation-break spacers. <i>Polymer Chemistry</i> , 2021, 12, 370-378.	3.9	10
74	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2021, 64, 171-203.	8.2	88
75	Small Molecular Fluorescent Probes for Imaging of Viscosity in Living Biosystems. <i>Chemistry - A European Journal</i> , 2021, 27, 6880-6898.	3.3	92
76	Polyoxometalate-Based Nanomaterials Toward Efficient Cancer Diagnosis and Therapy. <i>Chemistry - A European Journal</i> , 2021, 27, 6422-6434.	3.3	22
77	Fishing out Methionine-Containing Proteins from Complex Biological Systems Based on a Non-Enzymatic Biochemical Reaction. <i>Nano Letters</i> , 2021, 21, 209-215.	9.1	4
78	Fabrication of a "Selenium Signature" Chemical Probe-Modified Paper Substrate for Simultaneous and Efficient Determination of Biothiols by Paper Spray Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 1749-1756.	6.5	14
79	Fluorescence switch of gold nanoclusters stabilized with bovine serum albumin for efficient and sensitive detection of cysteine and copper ion in mice with Alzheimer's disease. <i>Talanta</i> , 2021, 223, 121745.	5.5	52
80	Hydrogen selenide, a vital metabolite of sodium selenite, uncouples the sulfilimine bond and promotes the reversal of liver fibrosis. <i>Science China Life Sciences</i> , 2021, 64, 443-451.	4.9	7
81	Superassembly of NiCoO <sub>x</sub> solid solution hybrids with a 2D/3D porous polyhedron-on-sheet structure for multi-functional electrocatalytic oxidation. <i>Journal of Materials Chemistry A</i> , 2021, 9, 8576-8585.	10.3	14
82	Polyvalent spherical aptamer engineered macrophages: X-ray-actuated phenotypic transformation for tumor immunotherapy. <i>Chemical Science</i> , 2021, 12, 13817-13824.	7.4	14
83	Intelligent stimuli-responsive nano immunomodulators for cancer immunotherapy. <i>Chemical Science</i> , 2021, 12, 3130-3145.	7.4	26
84	A Cu <sup>2+</sup> doped mesoporous polydopamine Fenton nanoplatfom for low-temperature photothermal therapy. <i>Materials Chemistry Frontiers</i> , 2021, 5, 6546-6552.	5.9	14
85	Multiple-mRNA-controlled and heat-driven drug release from gold nanocages in targeted chemo-photothermal therapy for tumors. <i>Chemical Science</i> , 2021, 12, 12429-12436.	7.4	18
86	Recent progresses in fluorescent probes for detection of polarity. <i>Coordination Chemistry Reviews</i> , 2021, 427, 213582.	18.8	145
87	A fluorescence nanoprobe for detecting the effect of different oxygen and nutrient conditions on breast cancer cells' migration and invasion. <i>Biomaterials Science</i> , 2021, 9, 4428-4432.	5.4	2
88	Heterogeneous Ru/TiO <sub>2</sub> for hydroaminomethylation of olefins: multicomponent synthesis of amines. <i>Green Chemistry</i> , 2021, 23, 2722-2728.	9.0	6
89	A hybridization-based dual-colorimetric kit for circulating cancer miRNA detection. <i>Chemical Communications</i> , 2021, 57, 6058-6061.	4.1	12
90	Stimuli-activated molecular photothermal agents for cancer therapy. <i>Chemical Communications</i> , 2021, 57, 6584-6595.	4.1	9

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91	Screening of dicyanoisophorone-based probes for highly sensitive detection of viscosity changes in living cells and zebrafish. <i>Chemical Communications</i> , 2021, 57, 9554-9557.	4.1	19
92	Covalent organic framework-engineered polydopamine nanoplatform for multimodal imaging-guided tumor photothermal-chemotherapy. <i>Chemical Communications</i> , 2021, 57, 5646-5649.	4.1	43
93	One-step electrocatalytic synthesis of ammonia and acetone from nitrogen and isopropanol in an ionic liquid. <i>Green Chemistry</i> , 2021, 23, 7685-7691.	9.0	3
94	Lanthanum-incorporated $\text{Ni}(\text{OH})_2$ nanoarrays for robust urea electro-oxidation. <i>Chemical Communications</i> , 2021, 57, 2029-2032.	4.1	21
95	Ultrasensitive and ratiometric two-photon fluorescence imaging of Golgi polarity during drug-induced acute kidney injury. <i>Chemical Communications</i> , 2021, 57, 5838-5841.	4.1	21
96	Influenza A Viruses Enter Host Cells via Extracellular $\text{Ca}^{2+}$ Influx-Involved Clathrin-Mediated Endocytosis. <i>ACS Applied Bio Materials</i> , 2021, 4, 2044-2051.	4.6	10
97	h-FBN assisted negative ion paper spray for the sensitive detection of small molecules. <i>Chemical Communications</i> , 2021, 57, 6612-6615.	4.1	5
98	An enzyme nanopocket based on covalent organic frameworks for long-term starvation therapy and enhanced photodynamic therapy of cancer. <i>Chemical Communications</i> , 2021, 57, 5402-5405.	4.1	30
99	ALP-Activated Chemiluminescence PDT Nano-Platform for Liver Cancer-Specific Theranostics. <i>ACS Applied Bio Materials</i> , 2021, 4, 1740-1748.	4.6	35
100	Ultrathin functionalized covalent organic framework nanosheets for tumor-targeted photodynamic therapy. <i>Chemical Communications</i> , 2021, 57, 6082-6085.	4.1	27
101	Selenium-engineered covalent organic frameworks for high-efficiency and long-acting cancer therapy. <i>Chemical Communications</i> , 2021, 57, 6145-6148.	4.1	18
102	Two-photon small-molecule fluorescence-based agents for sensing, imaging, and therapy within biological systems. <i>Chemical Society Reviews</i> , 2021, 50, 702-734.	38.1	187
103	Fluorescent probe for the imaging of superoxide and peroxynitrite during drug-induced liver injury. <i>Chemical Science</i> , 2021, 12, 3921-3928.	7.4	99
104	Delivery nanoplatforms based on dynamic covalent chemistry. <i>Chemical Communications</i> , 2021, 57, 7067-7082.	4.1	10
105	Accurate <i>In Situ</i> Monitoring of Mitochondrial $\text{H}_2\text{O}_2$ by Robust SERS Nanoprobes with a Au@Se Interface. <i>Analytical Chemistry</i> , 2021, 93, 4059-4065.	6.5	39
106	Quantitatively Switchable pH-Sensitive Photoluminescence of Carbon Nanodots. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 2727-2735.	4.6	27
107	Real-time in situ monitoring of Lon and Caspase-3 for assessing the state of cardiomyocytes under hypoxic conditions via a novel Au@Se fluorescent nanoprobe. <i>Biosensors and Bioelectronics</i> , 2021, 176, 112965.	10.1	8
108	Rational Design of a Dual-Layered Metal-Organic Framework Nanostructure for Enhancing the Cell Imaging of Molecular Beacons. <i>Analytical Chemistry</i> , 2021, 93, 5437-5441.	6.5	31

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109	In Situ Observation of mtDNA Damage during Hepatic Ischemia-Reperfusion. <i>Analytical Chemistry</i> , 2021, 93, 5782-5788.	6.5	8
110	Antitumor Agents Based on Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 2021, 133, 16901-16914.	2.0	14
111	Antitumor Agents Based on Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16763-16776.	13.8	143
112	16% efficiency all-polymer organic solar cells enabled by a finely tuned morphology via the design of ternary blend. <i>Joule</i> , 2021, 5, 914-930.	24.0	228
113	Rapid Two-Photon Fluorescence Imaging of Monoamine Oxidase B for Diagnosis of Early-Stage Liver Fibrosis in Mice. <i>Analytical Chemistry</i> , 2021, 93, 7110-7117.	6.5	18
114	Frontispiece: Small Molecular Fluorescent Probes for Imaging of Viscosity in Living Biosystems. <i>Chemistry - A European Journal</i> , 2021, 27, .	3.3	0
115	Dual-Colored Fluorescence Imaging of Mitochondrial HNO and Golgi-HNO in Mice with DILI. <i>Analytical Chemistry</i> , 2021, 93, 6551-6558.	6.5	27
116	Frontispiece: Polyoxometalate-Based Nanomaterials Toward Efficient Cancer Diagnosis and Therapy. <i>Chemistry - A European Journal</i> , 2021, 27, .	3.3	0
117	Visualization of endoplasmic reticulum viscosity in the liver of mice with nonalcoholic fatty liver disease by a near-infrared fluorescence probe. <i>Chinese Chemical Letters</i> , 2021, 32, 3641-3645.	9.0	34
118	Avoiding False Positive Signals: A Powerful and Reliable Au-Se Dual-Color Probe. <i>ACS Sensors</i> , 2021, 6, 1949-1955.	7.8	9
119	A Protein-Binding Molecular Photothermal Agent for Tumor Ablation. <i>Angewandte Chemie</i> , 2021, 133, 13676-13680.	2.0	1
120	Flexible Organic Solar Cells: Progress and Challenges. <i>Small Science</i> , 2021, 1, 2100001.	9.9	94
121	Kinetics of the Photoelectron-Transfer Process Characterized by Real-Time Single-Molecule Fluorescence Imaging on Individual Photocatalyst Particles. <i>ACS Catalysis</i> , 2021, 11, 6872-6882.	11.2	6
122	A Protein-Binding Molecular Photothermal Agent for Tumor Ablation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13564-13568.	13.8	59
123	A mitochondria-targeting near-infrared fluorescent probe for imaging hypochlorous acid in cells. <i>Talanta</i> , 2021, 226, 122152.	5.5	37
124	Isobaric Vapor-Liquid Equilibria of Binary Systems Containing Cyclohexane for the Separation of Phenolic Compounds from Biomass Fast Pyrolysis Oils. <i>Journal of Chemical &amp; Engineering Data</i> , 2021, 66, 2374-2382.	1.9	3
125	Fluorescent Probes for Imaging of Intracellular Active Small Molecules. , 2021, , 359-399.		0
126	Exploring the Changes of Peroxisomal Polarity in the Liver of Mice with Nonalcoholic Fatty Liver Disease. <i>Analytical Chemistry</i> , 2021, 93, 9609-9620.	6.5	21



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127	Proximity-Induced Hybridization Chain Reaction-Based Photoacoustic Imaging System for Amplified Visualization Protein-Specific Glycosylation in Mice. <i>Analytical Chemistry</i> , 2021, 93, 8915-8922.	6.5	17
128	Versatile Gold-Coupled Te-Carbon Dots for Quantitative Monitoring and Efficient Scavenging of Superoxide Anions. <i>Analytical Chemistry</i> , 2021, 93, 9111-9118.	6.5	9
129	A Mitochondrial-Targeting Near-Infrared Fluorescent Probe for Revealing the Effects of Hydrogen Peroxide And Heavy Metal Ions on Viscosity. <i>Analytical Chemistry</i> , 2021, 93, 9244-9249.	6.5	51
130	Sputum-Based Tumor Fluid Biopsy: Isolation and High-Throughput Single-Cell Analysis of Exfoliated Tumor Cells for Lung Cancer Diagnosis. <i>Analytical Chemistry</i> , 2021, 93, 10477-10486.	6.5	18
131	A two-photon fluorescent probe for imaging of mitochondrial cysteine in $\lambda$ -carrageenan induced arthritis. <i>Sensors and Actuators B: Chemical</i> , 2021, 338, 129749.	7.8	12
132	Duplex-Specific Nuclease-Assisted CRISPR-Cas12a Strategy for MicroRNA Detection Using a Personal Glucose Meter. <i>Analytical Chemistry</i> , 2021, 93, 10719-10726.	6.5	72
133	Elucidating the Relationship between ROS and Protein Phosphorylation through <i>In Situ</i> Fluorescence Imaging in the Pneumonia Mice. <i>Analytical Chemistry</i> , 2021, 93, 10907-10915.	6.5	8
134	Rapid and Scalable Synthesis of Prussian Blue Analogue Nanocubes for Electrocatalytic Water Oxidation. <i>Chinese Journal of Chemistry</i> , 2021, 39, 2347-2353.	4.9	15
135	Nucleic Acid-Gated Covalent Organic Frameworks for Cancer-Specific Imaging and Drug Release. <i>Analytical Chemistry</i> , 2021, 93, 11751-11757.	6.5	35
136	Covalent Organic Framework-Based Spherical Nucleic Acid Probe with a Bonding Defect-Amplified Modification Strategy. <i>Analytical Chemistry</i> , 2021, 93, 12096-12102.	6.5	22
137	Identification of pimavanserin tartrate as a potent $Ca^{2+}$ -calcineurin-NFAT pathway inhibitor for glioblastoma therapy. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 1860-1874.	6.1	5
138	CRISPR/Cas-Based In Vitro Diagnostic Platforms for Cancer Biomarker Detection. <i>Analytical Chemistry</i> , 2021, 93, 11899-11909.	6.5	54
139	Breaking through the Size Control Dilemma of Silver Chalcogenide Quantum Dots via Trialkylphosphine-Induced Ripening: Leading to $Ag_2Te$ Emitting from 950 to 2100 nm. <i>Journal of the American Chemical Society</i> , 2021, 143, 12867-12877.	13.7	65
140	Covalent Organic Framework-Derived Carbonous Nanoprobes for Cancer Cell Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 41498-41506.	8.0	29
141	Monitoring the Activation of Caspases-1/3/4 for Describing the Pyroptosis Pathways of Cancer Cells. <i>Analytical Chemistry</i> , 2021, 93, 12022-12031.	6.5	9
142	Lanthanum-doped $\lambda$ -Ni(OH) <sub>2</sub> 1D-2D-3D hierarchical nanostructures for robust bifunctional electro-oxidation. <i>Particuology</i> , 2021, 57, 104-111.	3.6	32
143	Responsive Dual-Targeting Exosome as a Drug Carrier for Combination Cancer Immunotherapy. <i>Research</i> , 2021, 2021, 9862876.	5.7	17
144	In Situ Construction of COF-Based Paper Serving as a Plasmonic Substrate for Enhanced PSI-MS Detection of Polycyclic Aromatic Hydrocarbons. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 43438-43448.	8.0	11

#	ARTICLE	IF	CITATIONS
145	GSH-Responsive Nanoprodrug to Inhibit Glycolysis and Alleviate Immunosuppression for Cancer Therapy. <i>Nano Letters</i> , 2021, 21, 7862-7869.	9.1	81
146	Immune Cycle-Based Strategies for Cancer Immunotherapy. <i>Advanced Functional Materials</i> , 2021, 31, 2107540.	14.9	24
147	High-Performance Electrochemical NO Reduction into NH <sub>3</sub> by MoS <sub>2</sub> Nanosheet. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25263-25268.	13.8	180
148	A self-sacrificial templated route to fabricate CuFe Prussian blue analogue/Cu(OH) <sub>2</sub> nanoarray as an efficient pre-catalyst for ultrastable bifunctional electro-oxidation. <i>Chemical Engineering Journal</i> , 2021, 422, 130139.	12.7	58
149	Imaging strategies using cyanine probes and materials for biomedical visualization of live animals. <i>Coordination Chemistry Reviews</i> , 2021, 447, 214134.	18.8	26
150	Evaluation of effectiveness of antiarthritic treatment by in situ ratiometric fluorescence imaging of the endoplasmic reticulum pH. <i>Sensors and Actuators B: Chemical</i> , 2021, 349, 130786.	7.8	12
151	A novel sensitive NMOF fluorescent probe for two photon imaging of glutathione in chemo-resistant cancer cells. <i>Sensors and Actuators B: Chemical</i> , 2021, 348, 130680.	7.8	4
152	Electrochemical synthesis of ammonia by nitrate reduction on indium incorporated in sulfur doped graphene. <i>Chemical Engineering Journal</i> , 2021, 426, 131317.	12.7	40
153	Novel enzyme-functionalized covalent organic frameworks for the colorimetric sensing of glucose in body fluids and drinks. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3859-3866.	5.9	33
154	A light-activatable photosensitizer for photodynamic therapy based on a diarylethene derivative. <i>Chemical Communications</i> , 2021, 57, 8320-8323.	4.1	17
155	A near-infrared fluorogenic probe for nuclear thiophenol detection. <i>Chemical Communications</i> , 2021, 57, 2800-2803.	4.1	13
156	A dual-catalytic nanoreactor for synergistic chemodynamic-starvation therapy toward tumor metastasis suppression. <i>Biomaterials Science</i> , 2021, 9, 3814-3820.	5.4	20
157	A "double-locked" probe for the detection of hydrogen sulfide in a viscous system. <i>Chemical Communications</i> , 2021, 57, 6604-6607.	4.1	26
158	A mineralization strategy based on T-cell membrane coated CaCO <sub>3</sub> nanoparticles against breast cancer and metastasis. <i>Materials Chemistry Frontiers</i> , 2021, 5, 5738-5745.	5.9	3
159	Functionalized nanoprobe for <i>in situ</i> detection of telomerase. <i>Chemical Communications</i> , 2021, 57, 3736-3748.	4.1	14
160	An efficient strategy for cancer therapy using a tumor- and lysosome-targeted organic photothermal agent. <i>Nanoscale</i> , 2021, 13, 8790-8794.	5.6	9
161	ATP-triggered mitochondrial cascade reactions for cancer therapy with nanoscale zeolitic imidazole framework-90. <i>Theranostics</i> , 2021, 11, 7869-7878.	10.0	25
162	Fluorescent probes for visualizing ROS-associated proteins in disease. <i>Chemical Science</i> , 2021, 12, 11620-11646.	7.4	54

#	ARTICLE	IF	CITATIONS
163	Se-modified gold nanorods for enhancing the efficiency of photothermal therapy: avoiding the off-target problem induced by biothiols. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8832-8841.	5.8	3
164	Alkylthiol surface engineering: an effective strategy toward enhanced electrocatalytic N <sub>2</sub> -to-NH <sub>3</sub> fixation by a CoP nanoarray. <i>Journal of Materials Chemistry A</i> , 2021, 9, 13861-13866.	10.3	83
165	Immunogenic cell death inducers for enhanced cancer immunotherapy. <i>Chemical Communications</i> , 2021, 57, 12087-12097.	4.1	56
166	Ultrathin nanosheets of hydrated copper pyrophosphate as efficient pre-catalysts for robust water oxidation. <i>Chemical Communications</i> , 2021, 57, 11517-11520.	4.1	15
167	Cell membrane-anchoring covalent organic framework nanosheets for single-laser-triggered synergistic tumor therapy. <i>Chemical Communications</i> , 2021, 57, 11685-11688.	4.1	7
168	Covalent organic framework based nanoagent for enhanced mild-temperature photothermal therapy. <i>Biomaterials Science</i> , 2021, 9, 7977-7983.	5.4	29
169	Cyclic chain displacement amplification-based dual-miRNA detection: a triple-line lateral flow strip for the diagnosis of lung cancer. <i>Chemical Communications</i> , 2021, 57, 12301-12304.	4.1	4
170	Multicolor Covalent Organic Framework-DNA Nanoprobe for Fluorescence Imaging of Biomarkers with Different Locations in Living Cells. <i>Analytical Chemistry</i> , 2021, 93, 13734-13741.	6.5	33
171	Molten-Salt-Protected Pyrolytic Approach for Fabricating Borate-Modified Cobalt-Iron Spinel Oxide with Robust Oxygen-Evolving Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 14596-14604.	6.7	19
172	Harnessing Se to develop novel fluorescent probes for visualizing the variation of endogenous hypobromous acid (HOBr) during the administration of an immunotherapeutic agent. <i>Chemical Communications</i> , 2021, 57, 12679-12682.	4.1	7
173	Green preparation of porous hierarchical TiO <sub>2</sub> (B)/anatase phase junction for effective photocatalytic degradation of antibiotics. <i>Chemical Communications</i> , 2021, 57, 13024-13027.	4.1	3
174	Dinucleophilic Reactivity of Isocynoacetate: Base-Catalyzed One-Pot Access to 4-Azafluorenes and 4-Azafluorenes. <i>Organic Letters</i> , 2021, 23, 9063-9067.	4.6	4
175	Dual-Channel Imaging of Amyloid- $\beta$ Plaques and Peroxynitrite To Illuminate Their Correlations in Alzheimer's Disease Using a Unimolecular Two-Photon Fluorescent Probe. <i>Analytical Chemistry</i> , 2021, 93, 15088-15095.	6.5	38
176	Strand Displacement Amplification Assisted CRISPR-Cas12a Strategy for Colorimetric Analysis of Viral Nucleic Acid. <i>Analytical Chemistry</i> , 2021, 93, 15216-15223.	6.5	57
177	A dendritic cell-like biomimetic nanoparticle enhances T cell activation for breast cancer immunotherapy. <i>Chemical Science</i> , 2021, 13, 105-110.	7.4	9
178	Two-dimensional porphyrin covalent organic frameworks with tunable catalytic active sites for the oxygen reduction reaction. <i>Chemical Communications</i> , 2021, 57, 12619-12622.	4.1	34
179	Functional integration of hierarchical core-shell architectures via vertically arrayed ultrathin CuSe nanosheets decorated on hollow CuS microcages targeting highly effective sodium-ion storage. <i>Journal of Materials Chemistry A</i> , 2021, 9, 27615-27628.	10.3	56
180	Reversing tumor multidrug resistance with a catalytically active covalent organic framework. <i>Chemical Communications</i> , 2021, 57, 13309-13312.	4.1	13

#	ARTICLE	IF	CITATIONS
181	Dual functional sp <sup>2</sup> carbon-conjugated covalent organic frameworks for fluorescence sensing and effective removal and recovery of Pd <sup>2+</sup> ions. <i>Journal of Materials Chemistry A</i> , 2021, 9, 26861-26866.	10.3	29
182	Cobalt, iron co-incorporated Ni(OH) <sub>2</sub> multiphase for superior multifunctional electrocatalytic oxidation. <i>Chemical Communications</i> , 2021, 57, 13752-13755.	4.1	4
183	High-performance NH <sub>3</sub> production <i>via</i> NO electroreduction over a NiO nanosheet array. <i>Chemical Communications</i> , 2021, 57, 13562-13565.	4.1	51
184	Real-Time <i>In Situ</i> Sequential Fluorescence Activation Imaging of Cyt <i>c</i> and Caspase-9 with a Gold-Selenium-Bonded Nanoprobe. <i>Analytical Chemistry</i> , 2021, 93, 16880-16886.	6.5	8
185	ITC <sub>2</sub> Cl: A Versatile Middle-Bandgap Nonfullerene Acceptor for High-Efficiency Panchromatic Ternary Organic Solar Cells. <i>Solar Rrl</i> , 2020, 4, 1900377.	5.8	29
186	Real-time in situ monitoring of signal molecules'™ evolution in apoptotic pathway via Au-Se bond constructed nanoprobe. <i>Biosensors and Bioelectronics</i> , 2020, 147, 111755.	10.1	18
187	Versatile Fluorescent Probes for Imaging the Superoxide Anion in Living Cells and <i>In Vivo</i> . <i>Angewandte Chemie</i> , 2020, 132, 4244-4258.	2.0	36
188	Versatile Fluorescent Probes for Imaging the Superoxide Anion in Living Cells and <i>In Vivo</i> . <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4216-4230.	13.8	115
189	Detection of microRNAs using toehold-initiated rolling circle amplification and fluorescence resonance energy transfer. <i>Talanta</i> , 2020, 207, 120285.	5.5	17
190	Synergistic Promotion of the Electrochemical Reduction of Nitrogen to Ammonia by Phosphorus and Potassium. <i>ChemCatChem</i> , 2020, 12, 334-341.	3.7	34
191	A dual-targeted CeO <sub>2</sub> -DNA nanosensor for real-time imaging of H <sub>2</sub> O <sub>2</sub> to assess atherosclerotic plaque vulnerability. <i>Journal of Materials Chemistry B</i> , 2020, 8, 3502-3505.	5.8	8
192	Fluorescent nanosensor for <i>in situ</i> detection of phosphate and alkaline phosphatase in mice with parathyroid dysfunction. <i>Chemical Communications</i> , 2020, 56, 2431-2434.	4.1	18
193	Photothermal therapy-induced immunogenic cell death based on natural melanin nanoparticles against breast cancer. <i>Chemical Communications</i> , 2020, 56, 1389-1392.	4.1	76
194	A biomimetic MOF nanoreactor enables synergistic suppression of intracellular defense systems for augmented tumor ablation. <i>Chemical Communications</i> , 2020, 56, 924-927.	4.1	39
195	A cancer cell membrane-camouflaged nanoreactor for enhanced radiotherapy against cancer metastasis. <i>Chemical Communications</i> , 2020, 56, 547-550.	4.1	28
196	Domino synthesis of fully substituted pyridines by silver-catalyzed chemoselective hetero-dimerization of isocyanides. <i>Organic Chemistry Frontiers</i> , 2020, 7, 507-512.	4.5	9
197	Neutralizing Mutations Significantly Inhibit Amyloid Formation by Human Prion Protein and Decrease Its Cytotoxicity. <i>Journal of Molecular Biology</i> , 2020, 432, 828-844.	4.2	19
198	Visualization of Dynamic Changes in Labile Iron(II) Pools in Endoplasmic Reticulum Stress-Mediated Drug-Induced Liver Injury. <i>Analytical Chemistry</i> , 2020, 92, 1245-1251.	6.5	37

#	ARTICLE	IF	CITATIONS
199	Simultaneous bioimaging of MMP-2 and MMP-7 via Au-Se constructed fluorescence nanoprobe. <i>Science China Chemistry</i> , 2020, 63, 135-140.	8.2	4
200	Cellular fluorescence imaging based on resonance energy transfer. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 123, 115742.	11.4	24
201	Chalcogenâ€Fused Perylene Diimidesâ€Based Nonfullerene Acceptors for Highâ€Performance Organic Solar Cells: Insight into the Effect of O, S, and Se. <i>Solar Rrl</i> , 2020, 4, 1900453.	5.8	21
202	Recent advances in microfluidic technologies for circulating tumor cells: enrichment, single-cell analysis, and liquid biopsy for clinical applications. <i>Lab on A Chip</i> , 2020, 20, 3854-3875.	6.0	63
203	A COF-based anti-interference nanoplatform for intracellular nucleic acid imaging. <i>Chemical Communications</i> , 2020, 56, 14267-14270.	4.1	17
204	A catalyst-free aqueous mediated multicomponent reaction of isocyanide: expeditious synthesis of polyfunctionalized cyclo[ <i>b</i> ]fused mono-, di- and tricarbazoles. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3720-3726.	4.5	19
205	Nickel-Catalyzed Asymmetric Transfer Hydrogenation and $\hat{\pm}$ -Selective Deuteration of <i>N</i> -Sulfonyl Imines with Alcohols: Access to $\hat{\pm}$ -Deuterated Chiral Amines. <i>Organic Letters</i> , 2020, 22, 8278-8284.	4.6	19
206	Nickel-catalyzed <i>C</i> -alkylation of thioamide, amides and esters by primary alcohols through a hydrogen autotransfer strategy. <i>Chemical Communications</i> , 2020, 56, 14083-14086.	4.1	12
207	<i>In situ</i> visualization of peroxisomal viscosity in the liver of mice with non-alcoholic fatty liver disease by near-infrared fluorescence and photoacoustic imaging. <i>Chemical Science</i> , 2020, 11, 12149-12156.	7.4	56
208	A Nongenetic Proximity-Induced FRET Strategy Based on DNA Tetrahedron for Visualizing the Receptor Dimerization. <i>Analytical Chemistry</i> , 2020, 92, 11921-11926.	6.5	25
209	Dual-targeted photothermal agents for enhanced cancer therapy. <i>Chemical Science</i> , 2020, 11, 8055-8072.	7.4	60
210	Covalent organic frameworks-based paper solid phase microextraction combined with paper spray mass spectrometry for highly enhanced analysis of tetrabromobisphenol A. <i>Analyst</i> , 2020, 145, 6357-6362.	3.5	19
211	In-situ Formation of Amorphous Co-Al-P Layer on CoAl Layered Double Hydroxide Nanoarray as Neutral Electrocatalysts for Hydrogen Evolution Reaction. <i>Frontiers in Chemistry</i> , 2020, 8, 552795.	3.6	7
212	Copolymer-Based Fluorescence Nanosensor for In Situ Imaging of Homocysteine in the Liver and Kidney of Diabetic Mice. <i>Analytical Chemistry</i> , 2020, 92, 16221-16228.	6.5	20
213	Excited-State Symmetry-Breaking Charge Separation Dynamics in Multibranched Perylene Diimide Molecules. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 10329-10339.	4.6	46
214	Oxidative Damage of Tryptophan Hydroxylase-2 Mediated by Peroxisomal Superoxide Anion Radical in Brains of Mouse with Depression. <i>Journal of the American Chemical Society</i> , 2020, 142, 20735-20743.	13.7	61
215	Nanoenzymes in disease diagnosis and therapy. <i>Chemical Communications</i> , 2020, 56, 15513-15524.	4.1	75
216	Phenotype-related drug sensitivity analysis of single CTCs for medicine evaluation. <i>Chemical Science</i> , 2020, 11, 8895-8900.	7.4	12

#	ARTICLE	IF	CITATIONS
217	A differential study on oxidized/reduced ascorbic acid induced tumor cells's apoptosis under hypoxia. <i>Analyst</i> , The, 2020, 145, 6363-6368.	3.5	4
218	Boosting the abscopal effect of radiotherapy: a smart antigen-capturing radiosensitizer to eradicate metastatic breast tumors. <i>Chemical Communications</i> , 2020, 56, 10353-10356.	4.1	14
219	The Critical Role of Dopant Cations in Electrical Conductivity and Thermoelectric Performance of n-Doped Polymers. <i>Journal of the American Chemical Society</i> , 2020, 142, 15340-15348.	13.7	98
220	A bench-stable low-molecular-weight vinyl azide surrogate for a cascade reaction: facile access to novel <i>N</i> -vinyl-1,2,3-triazoles. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2628-2633.	4.5	8
221	<i>In vivo</i> pharmacodynamic evaluation of antidepressants based on flux mitochondrial Cys in living mice <i>via</i> near infrared fluorescence imaging. <i>Analyst</i> , The, 2020, 145, 6119-6124.	3.5	7
222	Organelle-localized radiosensitizers. <i>Chemical Communications</i> , 2020, 56, 10621-10630.	4.1	36
223	Tumor-Targeted Cascade Nanoreactor Based on Metal-Organic Frameworks for Synergistic Ferroptosis-Starvation Anticancer Therapy. <i>ACS Nano</i> , 2020, 14, 11017-11028.	14.6	203
224	Molten-Salt-Protected Pyrolysis for Fabricating Perovskite Nanocrystals with Promoted Water Oxidation Behavior. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 16711-16719.	6.7	17
225	Inducing Endoplasmic Reticulum Stress to Expose Immunogens: A DNA Tetrahedron Nanoregulator for Enhanced Immunotherapy. <i>Advanced Functional Materials</i> , 2020, 30, 2000532.	14.9	35
226	A High-Throughput Screening Method for Determining the Optimized Synthesis Conditions of Quinoxaline Derivatives Using Microdroplet Reaction. <i>Frontiers in Chemistry</i> , 2020, 8, 789.	3.6	3
227	Controllable fabrication of TiO <sub>2</sub> anatase/rutile phase junctions by a designer solvent for promoted photocatalytic performance. <i>Chemical Communications</i> , 2020, 56, 11827-11830.	4.1	16
228	In-plane $\text{I}^2\text{-Co(OH)}_2/\text{Co}_3\text{O}_4$ hybrid nanosheets for flexible all-solid-state thin-film supercapacitors with high electrochemical performance. <i>Nanoscale</i> , 2020, 12, 24251-24258.	5.6	13
229	Designing and Engineering of Nanocarriers for Bioapplication in Cancer Immunotherapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 8321-8337.	4.6	25
230	A Spherical Nucleic Acid Probe Based on the Au-Se Bond. <i>Analytical Chemistry</i> , 2020, 92, 8459-8463.	6.5	37
231	Concurrent improvement in <i>J</i> <sub>SC</sub> and <i>V</i> <sub>OC</sub> in high-efficiency ternary organic solar cells enabled by a red-absorbing small-molecule acceptor with a high LUMO level. <i>Energy and Environmental Science</i> , 2020, 13, 2115-2123.	30.8	164
232	Crystalline Cobalt/Amorphous LaCoO <sub>x</sub> Hybrid Nanoparticles Embedded in Porous Nitrogen-Doped Carbon as Efficient Electrocatalysts for Hydrazine-Assisted Hydrogen Production. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 24701-24709.	8.0	56
233	A versatile biocatalytic nano-platform based on Fe <sub>3</sub> O <sub>4</sub> -filled and zirconia shrunk holey carbon nanotubes. <i>Chemical Engineering Journal</i> , 2020, 402, 125737.	12.7	17
234	Grey Rutile TiO <sub>2</sub> with Long-Term Photocatalytic Activity Synthesized Via Two-Step Calcination. <i>Nanomaterials</i> , 2020, 10, 920.	4.1	11

#	ARTICLE	IF	CITATIONS
235	A COF-based nanoplatform for highly efficient cancer diagnosis, photodynamic therapy and prognosis. <i>Chemical Science</i> , 2020, 11, 6882-6888.	7.4	87
236	Understanding the Effect of End Group Halogenation in Tuning Miscibility and Morphology of High-Performance Small Molecular Acceptors. <i>Solar Rrl</i> , 2020, 4, 2000250.	5.8	63
237	Novel (Ni, Fe)S <sub>2</sub> /(Ni, Fe) <sub>3</sub> S <sub>4</sub> solid solution hybrid: an efficient electrocatalyst with robust oxygen-evolving performance. <i>Science China Chemistry</i> , 2020, 63, 1030-1039.	8.2	22
238	Biosensors Based on the Au-Se Bond. <i>Analytical Chemistry</i> , 2020, 92, 9441-9448.	6.5	19
239	Recent Advances and Challenges in 2D Metal-Free Electrocatalysts for N <sub>2</sub> Fixation. <i>Frontiers in Chemistry</i> , 2020, 8, 437.	3.6	9
240	Modulation of crystal water in cobalt phosphate for promoted water oxidation. <i>Chemical Communications</i> , 2020, 56, 4575-4578.	4.1	37
241	Reconstruction of nano-flares based on Au-Se bonds for high-fidelity detection of RNA in living cells. <i>Chemical Communications</i> , 2020, 56, 5178-5181.	4.1	12
242	Application of a Y-type-DNA-functionalized nanogold probe featuring specific telomerase recognition and doxorubicin release in cancer cells. <i>Analyst</i> , The, 2020, 145, 2152-2158.	3.5	2
243	A molten-salt protected pyrolysis approach for fabricating a ternary nickel-cobalt-iron oxide nanomesh catalyst with promoted oxygen-evolving performance. <i>Chemical Communications</i> , 2020, 56, 4579-4582.	4.1	23
244	Efficient modulation of end groups for the asymmetric small molecule acceptors enabling organic solar cells with over 15% efficiency. <i>Journal of Materials Chemistry A</i> , 2020, 8, 5927-5935.	10.3	39
245	A tumor acidity activatable and Ca <sup>2+</sup> -assisted immuno-nanoagent enhances breast cancer therapy and suppresses cancer recurrence. <i>Chemical Science</i> , 2020, 11, 7429-7437.	7.4	22
246	A portable point-of-care testing system to diagnose lung cancer through the detection of exosomal miRNA in urine and saliva. <i>Chemical Communications</i> , 2020, 56, 8968-8971.	4.1	26
247	An accurate and ultrasensitive SERS sensor with Au-Se interface for bioimaging and <i>in situ</i> quantitation. <i>Chemical Communications</i> , 2020, 56, 9320-9323.	4.1	19
248	An <i>in vitro</i> site-specific cleavage assay of CRISPR-Cas9 using a personal glucose meter. <i>Chemical Communications</i> , 2020, 56, 8850-8853.	4.1	8
249	Chiral amorphous metal-organic polyhedra used as the stationary phase for high-resolution gas chromatography separations. <i>Chirality</i> , 2020, 32, 1178-1185.	2.6	7
250	<i>In Situ</i> Fluorescence Imaging of the Levels of Glycosylation and Phosphorylation by a MOF-Based Nanoprobe in Depressed Mice. <i>Analytical Chemistry</i> , 2020, 92, 3716-3721.	6.5	25
251	Linker-Eliminated Nano Metal-Organic Framework Fluorescent Probe for Highly Selective and Sensitive Phosphate Ratiometric Detection in Water and Body Fluids. <i>Analytical Chemistry</i> , 2020, 92, 3722-3727.	6.5	84
252	Fabrication of Hierarchical Sn-Beta Zeolite as Efficient Catalyst for Conversion of Cellulosic Sugar to Methyl Lactate. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 3796-3808.	6.7	50

#	ARTICLE	IF	CITATIONS
253	Copper-Catalyzed Disulfonation of Terminal Alkynes with Sodium Arylsulfonates. <i>Organic Letters</i> , 2020, 22, 2081-2086.	4.6	22
254	Nickel incorporated Co <sub>9</sub> S <sub>8</sub> nanosheet arrays on carbon cloth boosting overall urea electrolysis. <i>Electrochimica Acta</i> , 2020, 338, 135883.	5.2	61
255	Phase Separation and Cytotoxicity of Tau are Modulated by Protein Disulfide Isomerase and S-nitrosylation of this Molecular Chaperone. <i>Journal of Molecular Biology</i> , 2020, 432, 2141-2163.	4.2	28
256	Reduction of nitroarenes by magnetically recoverable nitroreductase immobilized on Fe <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Scientific Reports</i> , 2020, 10, 2810.	3.3	10
257	Simultaneous Fluorescence Imaging Reveals N-Methyl-d-aspartic Acid Receptor Dependent Zn <sup>2+</sup> /H <sup>+</sup> Flux in the Brains of Mice with Depression. <i>Analytical Chemistry</i> , 2020, 92, 4101-4107.	6.5	23
258	Design and Preparation of Carbon Nitride-Based Amphiphilic Janus N-Doped Carbon/MoS <sub>2</sub> Nanosheets for Interfacial Enzyme Nanoreactor. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 12227-12237.	8.0	33
259	Observing Malondialdehyde-Mediated Signaling Pathway in Cerebral Ischemia Reperfusion Injury with a Specific Nanolight. <i>Analytical Chemistry</i> , 2020, 92, 2748-2755.	6.5	25
260	The cross-talk modulation of excited state electron transfer to reduce the false negative background for high fidelity imaging <i>in vivo</i> . <i>Chemical Science</i> , 2020, 11, 1964-1974.	7.4	16
261	Adaptive Correction for Radiation Patterns of Deformed Phased Array Antenna. <i>IEEE Access</i> , 2020, 8, 5416-5427.	4.2	8
262	In Situ Fluorescent and Photoacoustic Imaging of Golgi pH to Elucidate the Function of Transmembrane Protein 165. <i>Analytical Chemistry</i> , 2020, 92, 3103-3110.	6.5	31
263	One-Step Fabrication of Functional Carbon Dots with 90% Fluorescence Quantum Yield for Long-Term Lysosome Imaging. <i>Analytical Chemistry</i> , 2020, 92, 6430-6436.	6.5	93
264	A High-Fidelity Electrochemical Platform Based on Au-Se Interface for Biological Detection. <i>Analytical Chemistry</i> , 2020, 92, 5855-5861.	6.5	20
265	Homotypic cell membrane-cloaked biomimetic nanocarrier for the accurate photothermal-chemotherapy treatment of recurrent hepatocellular carcinoma. <i>Journal of Nanobiotechnology</i> , 2020, 18, 60.	9.1	13
266	Evaluating Hyperthyroidism-Induced Liver Injury Based on <i>In Situ</i> Fluorescence Imaging of Glutathione and Phosphate via Nano-MOFs Sensor. <i>Analytical Chemistry</i> , 2020, 92, 8952-8958.	6.5	28
267	Photocatalytic Overall Water Splitting by SrTiO <sub>3</sub> with Surface Oxygen Vacancies. <i>Nanomaterials</i> , 2020, 10, 2572.	4.1	26
268	Recent Progress in Regulating CRISPR-Cas9 System for Gene Editing. <i>Acta Chimica Sinica</i> , 2020, 78, 634.	1.4	2
269	Round-the-Clock Photocatalytic Hydrogen Production with High Efficiency by a Long-Afterglow Material. <i>Angewandte Chemie</i> , 2019, 131, 1354-1358.	2.0	8
270	Photodynamic therapy for hypoxic solid tumors <i>via</i> Mn-MOF as a photosensitizer. <i>Chemical Communications</i> , 2019, 55, 10792-10795.	4.1	52



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271	Two-photon fluorescence imaging of mitochondrial superoxide anion transport mediating liver ischemia-reperfusion injury in mice. <i>Chemical Communications</i> , 2019, 55, 10740-10743.	4.1	20
272	Programmed Release of Dihydroartemisinin for Synergistic Cancer Therapy Using a CaCO <sub>3</sub> Mineralized Metal-Organic Framework. <i>Angewandte Chemie</i> , 2019, 131, 14272-14277.	2.0	32
273	Methane-perylene diimide-based small molecule acceptors for high efficiency non-fullerene organic solar cells. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10901-10907.	5.5	19
274	High-throughput and ultra-sensitive single-cell profiling of multiple microRNAs and identification of human cancer. <i>Chemical Communications</i> , 2019, 55, 10404-10407.	4.1	22
275	An iron incorporation-induced nickel hydroxide multiphase with a 2D/3D hierarchical sheet-on-sheet structure for electrocatalytic water oxidation. <i>Chemical Communications</i> , 2019, 55, 10138-10141.	4.1	15
276	Single-Cell Phenotypic Profiling of CTCs in Whole Blood Using an Integrated Microfluidic Device. <i>Analytical Chemistry</i> , 2019, 91, 11078-11084.	6.5	41
277	Programmed Release of Dihydroartemisinin for Synergistic Cancer Therapy Using a CaCO <sub>3</sub> Mineralized Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14134-14139.	13.8	183
278	Monitoring NAD(P)H by an ultrasensitive fluorescent probe to reveal reductive stress induced by natural antioxidants in HepG2 cells under hypoxia. <i>Chemical Science</i> , 2019, 10, 8179-8186.	7.4	45
279	<i>In situ</i> photoacoustic imaging of cysteine to reveal the mechanism of limited GSH synthesis in pulmonary fibrosis. <i>Chemical Communications</i> , 2019, 55, 9685-9688.	4.1	21
280	An anti-inflammatory nanoagent for tumor-targeted photothermal therapy. <i>Chemical Communications</i> , 2019, 55, 9645-9648.	4.1	28
281	Novel dithiano-thieno fused perylene diimides: synthesis, characterization and application in organic thin-film transistors (OTFTs). <i>Chemical Communications</i> , 2019, 55, 9661-9664.	4.1	17
282	Luminescence-Resonance-Energy-Transfer-Based Luminescence Nanoprobe for In Situ Imaging of CD36 Activation and CD36-oxLDL Binding in Atherogenesis. <i>Analytical Chemistry</i> , 2019, 91, 9770-9776.	6.5	11
283	Boron Phosphide Nanoparticles: A Nonmetal Catalyst for High-Selectivity Electrochemical Reduction of CO <sub>2</sub> to CH <sub>3</sub> OH. <i>Advanced Materials</i> , 2019, 31, e1903499.	21.0	169
284	Modified bluing treatment to produce nickel-cobalt-iron spinel oxide with promoted oxygen-evolving performance. <i>Chemical Communications</i> , 2019, 55, 9841-9844.	4.1	18
285	Ascorbic acid induced HepG2 cells' apoptosis <i>via</i> intracellular reductive stress. <i>Theranostics</i> , 2019, 9, 4233-4240.	10.0	24
286	Recent Advances in Fluorescence Imaging of Bioactive Molecules in Neurons and in Vivo. <i>Chinese Journal of Analytical Chemistry</i> , 2019, 47, 1537-1548.	1.7	7
287	Homotypic Cell Membrane-Cloaked Biomimetic Nanocarrier for the Targeted Chemotherapy of Hepatocellular Carcinoma. <i>Theranostics</i> , 2019, 9, 5828-5838.	10.0	47
288	A Dual-Targeting Functionalized Graphene Film for Rapid and Highly Sensitive Fluorescence Imaging Detection of Hepatocellular Carcinoma Circulating Tumor Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 44999-45006.	8.0	31

#	ARTICLE	IF	CITATIONS
289	Regioselective intramolecular Markovnikov and anti-Markovnikov hydrofunctionalization of alkenes <i>via</i> photoredox catalysis. <i>Chemical Communications</i> , 2019, 55, 11426-11429.	4.1	11
290	Reductively dissociable biomimetic nanoparticles for control of integrin-coupled inflammatory signaling to retard atherogenesis. <i>Chemical Communications</i> , 2019, 55, 11535-11538.	4.1	10
291	Copper-Catalyzed Aldol Reaction of Vinyl Azides with Trifluoromethyl Ketones. <i>Organic Letters</i> , 2019, 21, 7324-7328.	4.6	17
292	A Simple 3D-Printed Enzyme Reactor Paper Spray Mass Spectrometry Platform for Detecting BuChE Activity in Human Serum. <i>Analytical Chemistry</i> , 2019, 91, 12874-12881.	6.5	43
293	Hierarchical FAU-Type Hafnosilicate Zeolite as a Robust Lewis Acid Catalyst for Catalytic Transfer Hydrogenation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 16329-16343.	6.7	29
294	In situ and real-time imaging of superoxide anion and peroxynitrite elucidating arginase 1 nitration aggravating hepatic ischemia-reperfusion injury. <i>Biomaterials</i> , 2019, 225, 119499.	11.4	52
295	Consecutive Sorting and Phenotypic Counting of CTCs by an Optofluidic Flow Cytometer. <i>Analytical Chemistry</i> , 2019, 91, 14133-14140.	6.5	15
296	Visible Light-Driven Self-Powered Device Based on a Straddling Nano-Heterojunction and Bio-Application for the Quantitation of Exosomal RNA. <i>ACS Nano</i> , 2019, 13, 1817-1827.	14.6	24
297	A photoacoustic and fluorescence dual-mode probe for LTA4H imaging reveals inflammation site in murine. <i>Sensors and Actuators B: Chemical</i> , 2019, 286, 243-249.	7.8	17
298	Promoted water splitting by efficient electron transfer between Au nanoparticles and hematite nanoplates: a theoretical and experimental study. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 1478-1483.	2.8	22
299	Copper-catalyzed regioselective cyclization of vinyl azides by gem-difluoromethylene for trisubstituted pyridines. <i>Organic Chemistry Frontiers</i> , 2019, 6, 468-473.	4.5	12
300	Two-photon fluorescence imaging reveals a Golgi apparatus superoxide anion-mediated hepatic ischaemia-reperfusion signalling pathway. <i>Chemical Science</i> , 2019, 10, 879-883.	7.4	64
301	<i>In situ</i> visualization of ozone in the brains of mice with depression phenotypes by using a new near-infrared fluorescence probe. <i>Chemical Science</i> , 2019, 10, 2805-2810.	7.4	52
302	Two-photon imaging of the endoplasmic reticulum thiol flux in the brains of mice with depression phenotypes. <i>Analyst</i> , 2019, 144, 191-196.	3.5	15
303	Constructing Hierarchical Wire-on-Sheet Nanoarrays in Phase-Regulated Cerium-Doped Nickel Hydroxide for Promoted Urea Electro-oxidation. , 2019, 1, 103-110.		100
304	Surface Sensitive Photoluminescence of Carbon Nanodots: Coupling between the Carbonyl Group and $\pi$ -Electron System. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 3621-3629.	4.6	61
305	A nuclear-targeted titanium dioxide radiosensitizer for cell cycle regulation and enhanced radiotherapy. <i>Chemical Communications</i> , 2019, 55, 8182-8185.	4.1	18
306	Asymmetric kinetic resolution of sulfides for the construction of unsymmetric sulfides and chiral 3,3-disubstituted oxindoles. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6351-6354.	2.8	8

#	ARTICLE	IF	CITATIONS
307	Nickel-catalyzed borrowing hydrogen annulations: access to diversified N-heterocycles. <i>Chemical Communications</i> , 2019, 55, 7844-7847.	4.1	53
308	Highly Specific Cys Fluorescence Probe for Living Mouse Brain Imaging via Evading Reaction with Other Biothiols. <i>Analytical Chemistry</i> , 2019, 91, 8591-8594.	6.5	70
309	Boosting Cancer Therapy with Organelle-Targeted Nanomaterials. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 26529-26558.	8.0	159
310	Fluorescent probes for organelle-targeted bioactive species imaging. <i>Chemical Science</i> , 2019, 10, 6035-6071.	7.4	463
311	An H <sub>2</sub> S-activated ratiometric CO photoreleaser enabled by excimer/monomer conversion. <i>Chemical Communications</i> , 2019, 55, 6301-6304.	4.1	9
312	MoS <sub>2</sub> Nanosheets Assembled on Three-Way Nitrogen-Doped Carbon Tubes for Photocatalytic Water Splitting. <i>Frontiers in Chemistry</i> , 2019, 7, 325.	3.6	9
313	Facile and mild preparation of brookite-rutile heterophase-junction TiO <sub>2</sub> with high photocatalytic activity based on a deep eutectic solvent (DES). <i>Journal of Materials Chemistry A</i> , 2019, 7, 14613-14619.	10.3	22
314	<i>In situ</i> visualization of peroxisomal peroxynitrite in the livers of mice with acute liver injury induced by carbon tetrachloride using a new two-photon fluorescent probe. <i>Chemical Communications</i> , 2019, 55, 6767-6770.	4.1	43
315	Copper-incorporated hierarchical wire-on-sheet Ni(OH) <sub>2</sub> nanoarrays as robust trifunctional catalysts for synergistic hydrogen generation and urea oxidation. <i>Journal of Materials Chemistry A</i> , 2019, 7, 13577-13584.	10.3	159
316	Bimetal-catalyzed Cascade Reaction for Efficient Synthesis of N-isopropenyl 1,2,3-triazoles via <i>In Situ</i> Generated 2-azidopropenes. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2149-2154.	3.3	6
317	A gold-selenium-bonded nanoprobe for real-time <i>in situ</i> imaging of the upstream and downstream relationship between uPA and MMP-9 in cancer cells. <i>Chemical Communications</i> , 2019, 55, 5817-5820.	4.1	23
318	Ratiometric Fluorescent Quantification of the Size-Dependent Cellular Toxicity of Silica Nanoparticles. <i>Analytical Chemistry</i> , 2019, 91, 6088-6096.	6.5	32
319	A Facile, Versatile, and Highly Efficient Strategy for Peroxynitrite Bioimaging Enabled by Formamide Deformylation. <i>Analytical Chemistry</i> , 2019, 91, 6872-6879.	6.5	32
320	Homogeneous probing of lipase and $\alpha$ -amylase simultaneously by AIEgens. <i>Chemical Communications</i> , 2019, 55, 6417-6420.	4.1	16
321	Visualizing peroxynitrite fluxes in myocardial cells using a new fluorescent probe reveals the protective effect of estrogen. <i>Chemical Communications</i> , 2019, 55, 6719-6722.	4.1	18
322	Silver-catalyzed three-component reaction: synthesis of N <sub>2</sub> -substituted 1,2,3-triazoles via direct benzylic amination. <i>Science China Chemistry</i> , 2019, 62, 1001-1006.	8.2	11
323	Catalase-like metal-organic framework nanoparticles to enhance radiotherapy in hypoxic cancer and prevent cancer recurrence. <i>Chemical Science</i> , 2019, 10, 5773-5778.	7.4	116
324	<i>In situ</i> fluorescent profiling of living cell membrane proteins at a single-molecule level. <i>Chemical Communications</i> , 2019, 55, 4043-4046.	4.1	24

#	ARTICLE	IF	CITATIONS
325	Single-Particle Tracking Reveals the Sequential Entry Process of the Bunyavirus Severe Fever with Thrombocytopenia Syndrome Virus. <i>Small</i> , 2019, 15, e1803788.	10.0	31
326	Bunyaviruses: Single-Particle Tracking Reveals the Sequential Entry Process of the Bunyavirus Severe Fever with Thrombocytopenia Syndrome Virus ( <i>Small</i> 6/2019). <i>Small</i> , 2019, 15, 1970032.	10.0	1
327	Fluorescent Imaging for Cysteine Detection In Vivo with High Selectivity. <i>ChemistryOpen</i> , 2019, 8, 316-320.	1.9	14
328	H <sub>2</sub> Se Induces Reductive Stress in HepG2 Cells and Activates Cell Autophagy by Regulating the Redox of HMGB1 Protein under Hypoxia. <i>Theranostics</i> , 2019, 9, 1794-1808.	10.0	46
329	Reactivity Modulation of Benzopyran-Coumarin Platform by Introducing Electron-Withdrawing Groups: Specific Detection of Biothiols and Peroxynitrite. <i>Analytical Chemistry</i> , 2019, 91, 6097-6102.	6.5	22
330	Boosting the photodynamic therapy efficiency with a mitochondria-targeted nanophotosensitizer. <i>Chinese Chemical Letters</i> , 2019, 30, 1293-1296.	9.0	69
331	Adaptive Compensation of Flexible Skin Antenna With Embedded Fiber Bragg Grating. <i>IEEE Transactions on Antennas and Propagation</i> , 2019, 67, 4385-4396.	5.1	12
332	Real-Time in Situ Visualizing of the Sequential Activation of Caspase Cascade Using a Multicolor Gold-Selenium Bonding Fluorescent Nanoprobe. <i>Analytical Chemistry</i> , 2019, 91, 5994-6002.	6.5	41
333	A cancer cell membrane-encapsulated MnO <sub>2</sub> nanoreactor for combined photodynamic-starvation therapy. <i>Chemical Communications</i> , 2019, 55, 5115-5118.	4.1	69
334	Golgi Apparatus Polarity Indicates Depression-Like Behaviors of Mice Using in Vivo Fluorescence Imaging. <i>Analytical Chemistry</i> , 2019, 91, 3382-3388.	6.5	54
335	Illuminating the Function of the Hydroxyl Radical in the Brains of Mice with Depression Phenotypes by Two-Photon Fluorescence Imaging. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4674-4678.	13.8	73
336	Effective Separation of Enantiomers Based on Novel Chiral Hierarchical Porous Metal-Organic Gels. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800862.	3.9	9
337	An Aptamer-Based Near-Infrared Fluorescence Nanoprobe for Detecting and Imaging of Phospholamban Micropeptide in Cardiomyocytes. <i>ACS Sensors</i> , 2019, 4, 733-739.	7.8	6
338	Illuminating the Function of the Hydroxyl Radical in the Brains of Mice with Depression Phenotypes by Two-Photon Fluorescence Imaging. <i>Angewandte Chemie</i> , 2019, 131, 4722-4726.	2.0	16
339	Rapid Preparation of Au-Se Peptide Nanoprobe Based on a Freezing Method for Bioimaging. <i>Analytical Chemistry</i> , 2019, 91, 15982-15987.	6.5	16
340	Metal ion-assisted carboxyl-containing covalent organic frameworks for the efficient removal of Congo red. <i>Dalton Transactions</i> , 2019, 48, 17763-17769.	3.3	44
341	A fluorescent probe for simultaneously sensing NTR and hNQO1 and distinguishing cancer cells. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6822-6827.	5.8	23
342	Functionalizing tetraphenylpyrazine with perylene diimides (PDIs) as high-performance nonfullerene acceptors. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14563-14570.	5.5	9

#	ARTICLE	IF	CITATIONS
343	A self-assembly of an active tumor-targeted photothermal agent for enhanced anti-inflammatory cancer therapy. <i>Nanoscale</i> , 2019, 11, 18021-18025.	5.6	14
344	Ratiometric fluorescence imaging of Golgi H <sub>2</sub> O <sub>2</sub> reveals a correlation between Golgi oxidative stress and hypertension. <i>Chemical Science</i> , 2019, 10, 10876-10880.	7.4	78
345	Sulfurization-induced edge amorphization in copper–nickel–cobalt layered double hydroxide nanosheets promoting hydrazine electro-oxidation. <i>Journal of Materials Chemistry A</i> , 2019, 7, 24437-24444.	10.3	80
346	High-Performance N <sub>2</sub> -to-NH <sub>3</sub> Conversion Electrocatalyzed by Mo <sub>2</sub> C Nanorod. <i>ACS Central Science</i> , 2019, 5, 116-121.	11.3	292
347	Platinum Nanocrystals Decorated on Defect-Rich MoS <sub>2</sub> Nanosheets for pH-Universal Hydrogen Evolution Reaction. <i>Crystal Growth and Design</i> , 2019, 19, 60-65.	3.0	39
348	Enhancement of mitochondrial ROS accumulation and radiotherapeutic efficacy using a Gd-doped titania nanosensitizer. <i>Theranostics</i> , 2019, 9, 167-178.	10.0	57
349	A Dual-Targeted Organic Photothermal Agent for Enhanced Photothermal Therapy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1057-1061.	13.8	232
350	A Dual-Targeted Organic Photothermal Agent for Enhanced Photothermal Therapy. <i>Angewandte Chemie</i> , 2019, 131, 1069-1073.	2.0	53
351	Dynamic fluorescent imaging analysis of mitochondrial redox in single cells with a microfluidic device. <i>Biosensors and Bioelectronics</i> , 2019, 129, 132-138.	10.1	11
352	Observation of Acetylcholinesterase in Stress-Induced Depression Phenotypes by Two-Photon Fluorescence Imaging in the Mouse Brain. <i>Journal of the American Chemical Society</i> , 2019, 141, 2061-2068.	13.7	193
353	Dicyanoisophorone-Based Near-Infrared-Emission Fluorescent Probe for Detecting NAD(P)H in Living Cells and in Vivo. <i>Analytical Chemistry</i> , 2019, 91, 1368-1374.	6.5	61
354	Round-the-Clock Photocatalytic Hydrogen Production with High Efficiency by a Long-Afterglow Material. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1340-1344.	13.8	67
355	Synthesis, Photophysical Properties and Two-Photon Absorption Study of Tetraazachrysenes-based N-Heteroacenes. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1807-1813.	3.3	18
356	A Redox-Responsive Self-Assembled Nanoprobe for Photoacoustic Inflammation Imaging to Assess Atherosclerotic Plaque Vulnerability. <i>Analytical Chemistry</i> , 2019, 91, 1150-1156.	6.5	44
357	An Aggregation-Induced Emission Probe Based on Host-Guest Inclusion Composed of the Tetraphenylethylene Motif and $\beta$ -Cyclodextrin for the Detection of $\alpha$ -Amylase. <i>Chemistry - an Asian Journal</i> , 2019, 14, 847-852.	3.3	21
358	Enhanced Photodynamic Therapy by Reduced Levels of Intracellular Glutathione Obtained By Employing a Nano-MOF with Cu <sup>II</sup> as the Active Center. <i>Angewandte Chemie</i> , 2018, 130, 4985-4990.	2.0	70
359	Fluorescent analysis of bioactive molecules in single cells based on microfluidic chips. <i>Lab on A Chip</i> , 2018, 18, 1151-1173.	6.0	58
360	Au–Se-Bond-Based Nanoprobe for Imaging MMP-2 in Tumor Cells under a High-Thiol Environment. <i>Analytical Chemistry</i> , 2018, 90, 4719-4724.	6.5	67

#	ARTICLE	IF	CITATIONS
361	A mitochondria-targeted nanoradiosensitizer activating reactive oxygen species burst for enhanced radiation therapy. <i>Chemical Science</i> , 2018, 9, 3159-3164.	7.4	75
362	A pre-protective strategy for precise tumor targeting and efficient photodynamic therapy with a switchable DNA/upconversion nanocomposite. <i>Chemical Science</i> , 2018, 9, 3563-3569.	7.4	60
363	Integration of single-molecule detection with magnetic separation for multiplexed detection of DNA glycosylases. <i>Chemical Communications</i> , 2018, 54, 5839-5842.	4.1	21
364	In Vivo Two-Photon Fluorescence Imaging of the Activity of the Inflammatory Biomarker LTA4H in a Mouse Pneumonia Model. <i>Analytical Chemistry</i> , 2018, 90, 6020-6027.	6.5	23
365	Advances in the integration of quantum dots with various nanomaterials for biomedical and environmental applications. <i>Analyst</i> , 2018, 143, 2469-2478.	3.5	37
366	Simultaneous Fluorescence Visualization of Endoplasmic Reticulum Superoxide Anion and Polarity in Myocardial Cells and Tissue. <i>Analytical Chemistry</i> , 2018, 90, 6081-6088.	6.5	62
367	Reversing Multidrug Resistance by Multiplexed Gene Silencing for Enhanced Breast Cancer Chemotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 15461-15466.	8.0	55
368	Removal of toxic metal ions using chitosan coated carbon nanotube composites for supercapacitors. <i>Science China Chemistry</i> , 2018, 61, 797-805.	8.2	23
369	Avoiding Thiol Compound Interference: A Nanoplatfrom Based on High-Fidelity Au-Se Bonds for Biological Applications. <i>Angewandte Chemie</i> , 2018, 130, 5404-5407.	2.0	22
370	Enhanced Photodynamic Therapy by Reduced Levels of Intracellular Glutathione Obtained By Employing a Nano-MOF with Cu as the Active Center. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4891-4896.	13.8	259
371	Sensitive detection of alkaline phosphatase by dephosphorylation-initiated transcription reaction-mediated dual signal amplification. <i>Chemical Communications</i> , 2018, 54, 2413-2416.	4.1	58
372	Facile Syntheses, Characterization, and Physical Properties of Sulfur-Decorated Pyran-Annulated Perylene Diimides. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 702-706.	2.7	12
373	A simple "mix-and-detection" method for the sensitive detection of telomerase from cancer cells under absolutely isothermal conditions. <i>Chemical Communications</i> , 2018, 54, 2483-2486.	4.1	41
374	A Highly Sensitive Strategy for Fluorescence Imaging of MicroRNA in Living Cells and in Vivo Based on Graphene Oxide-Enhanced Signal Molecules Quenching of Molecular Beacon. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 6982-6990.	8.0	71
375	Pathological hydrogen peroxide triggers the fibrillization of wild-type SOD1 via sulfenic acid modification of Cys-111. <i>Cell Death and Disease</i> , 2018, 9, 67.	6.3	49
376	Copper sulfide nanoparticles as a photothermal switch for TRPV1 signaling to attenuate atherosclerosis. <i>Nature Communications</i> , 2018, 9, 231.	12.8	207
377	Targetable Mesoporous Silica Nanoprobes for Mapping the Subcellular Distribution of H <sub>2</sub> Se in Cancer Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 17345-17351.	8.0	8
378	Gold-Catalyzed Intramolecular Dearomatization of Phenols with Allenolates for the Synthesis of Spirocyclohexadienones. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2352-2357.	4.3	18

#	ARTICLE	IF	CITATIONS
379	In situ monitoring of cytoplasmic precursor and mature microRNA using gold nanoparticle and graphene oxide composite probes. <i>Analytica Chimica Acta</i> , 2018, 1021, 129-139.	5.4	21
380	Fluorescence and photoacoustic dual-mode imaging of tumor-related mRNA with a covalent linkage-based DNA nanoprobe. <i>Chemical Communications</i> , 2018, 54, 3656-3659.	4.1	30
381	Avoiding Thiol Compound Interference: A Nanoplatform Based on High-Fidelity Au-Se Bonds for Biological Applications. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5306-5309.	13.8	100
382	A simple approach for glutathione functionalized persistent luminescence nanoparticles as versatile platforms for multiple <i>in vivo</i> applications. <i>Chemical Communications</i> , 2018, 54, 3504-3507.	4.1	18
383	An ultrasensitive electrochemical biosensor for polynucleotide kinase assay based on gold nanoparticle-mediated lambda exonuclease cleavage-induced signal amplification. <i>Biosensors and Bioelectronics</i> , 2018, 99, 1-7.	10.1	66
384	Small-Molecule Fluorescent Probes for Imaging and Detection of Reactive Oxygen, Nitrogen, and Sulfur Species in Biological Systems. <i>Analytical Chemistry</i> , 2018, 90, 533-555.	6.5	412
385	H <sub>2</sub> O <sub>2</sub> -responsive and plaque-penetrating nanoplatform for mTOR gene silencing with robust anti-atherosclerosis efficacy. <i>Chemical Science</i> , 2018, 9, 439-445.	7.4	36
386	Single quantum dot-based nanosensor for sensitive detection of 5-methylcytosine at both CpG and non-CpG sites. <i>Chemical Science</i> , 2018, 9, 1330-1338.	7.4	68
387	Simultaneous sensitive detection of multiple DNA glycosylases from lung cancer cells at the single-molecule level. <i>Chemical Science</i> , 2018, 9, 712-720.	7.4	64
388	Te-containing carbon dots for fluorescence imaging of superoxide anion in mice during acute strenuous exercise or emotional changes. <i>Chemical Science</i> , 2018, 9, 721-727.	7.4	57
389	A reusable ratiometric electrochemical biosensor on the basis of the binding of methylene blue to DNA with alternating AT base sequence for sensitive detection of adenosine. <i>Biosensors and Bioelectronics</i> , 2018, 102, 87-93.	10.1	60
390	Photocatalytic H <sub>2</sub> evolution improvement for H free-radical stabilization by electrostatic interaction of a Cu-BTC MOF with ZnO/GO. <i>Nano Research</i> , 2018, 11, 979-987.	10.4	42
391	Big Data Compression and Storage for Continuous Spatio-Temporal Monitoring of Power Transmission Cables with Distributed Fiber-Optic Vibration Sensor (DFOVS). , 2018, , .		1
392	High-performance alkaline hydrogen evolution electrocatalyzed by a Ni <sub>3</sub> N@CeO <sub>2</sub> nanohybrid. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 3042-3045.	6.0	24
393	A DR4 capturer with AKT siRNA for the synergetic enhancement of death receptor-mediated apoptosis. <i>Chemical Communications</i> , 2018, 54, 13439-13442.	4.1	3
394	Morphology and electronic structure modulation induced by fluorine doping in nickel-based heterostructures for robust bifunctional electrocatalysis. <i>Nanoscale</i> , 2018, 10, 20384-20392.	5.6	61
395	Double-ratiometric fluorescence imaging of H <sub>2</sub> Se and O <sub>2</sub> • <sup>-</sup> under hypoxia for exploring Na <sub>2</sub> SeO <sub>3</sub> -induced HepG2 cells' apoptosis. <i>RSC Advances</i> , 2018, 8, 40984-40988.	3.6	6
396	A GSH-responsive nanophotosensitizer for efficient photodynamic therapy. <i>RSC Advances</i> , 2018, 8, 42374-42379.	3.6	11

#	ARTICLE	IF	CITATIONS
397	A two-photon fluorescent probe for ratiometric visualization of hypochlorous acid in live cells and animals based on a selenide oxidation/elimination tandem reaction. <i>Chemical Communications</i> , 2018, 54, 11965-11968.	4.1	66
398	Lighting up alkaline phosphatase in drug-induced liver injury using a new chemiluminescence resonance energy transfer nanoprobe. <i>Chemical Communications</i> , 2018, 54, 12479-12482.	4.1	56
399	CeO <sub>2</sub> Nanowire-BODIPY-Adenosine Triphosphate Fluorescent Sensing Platform for Highly Specific and Sensitive Detection of Arsenate. <i>Analytical Chemistry</i> , 2018, 90, 14507-14513.	6.5	15
400	A biomimetic nanoreactor for synergistic chemiexcited photodynamic therapy and starvation therapy against tumor metastasis. <i>Nature Communications</i> , 2018, 9, 5044.	12.8	380
401	Non-fullerene acceptor engineering with three-dimensional thiophene/selenophene-annulated perylene diimides for high performance polymer solar cells. <i>Journal of Materials Chemistry C</i> , 2018, 6, 12601-12607.	5.5	21
402	Rationally Optimized Fluorescent Probe for Imaging Mitochondrial SO <sub>2</sub> in HeLa Cells and Zebrafish. <i>Analytical Chemistry</i> , 2018, 90, 12442-12448.	6.5	73
403	A Rapid and Ultrasensitive Tetraphenylethylene-Based Probe with Aggregation-Induced Emission for Direct Detection of I±-Amylase in Human Body Fluids. <i>Analytical Chemistry</i> , 2018, 90, 13775-13782.	6.5	39
404	Determination of Enantiomeric Excess by Solid-Phase Extraction Using a Chiral Metal-Organic Framework as Sorbent. <i>Molecules</i> , 2018, 23, 2802.	3.8	8
405	Equipping Inner Central Components of Influenza A Virus with Quantum Dots. <i>Analytical Chemistry</i> , 2018, 90, 14020-14028.	6.5	13
406	Pyran-annulated perylene diimide derivatives as non-fullerene acceptors for high performance organic solar cells. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11111-11117.	5.5	16
407	Boosted Electrocatalytic N <sub>2</sub> Reduction to NH <sub>3</sub> by Defect-Rich MoS <sub>2</sub> Nanoflower. <i>Advanced Energy Materials</i> , 2018, 8, 1801357.	19.5	482
408	Mitochondrial Peroxynitrite Mediation of Anthracycline-Induced Cardiotoxicity as Visualized by a Two-Photon Near-Infrared Fluorescent Probe. <i>Analytical Chemistry</i> , 2018, 90, 11629-11635.	6.5	105
409	Hydrogen bond directed aerobic oxidation of amines <i>via</i> photoredox catalysis. <i>Chemical Communications</i> , 2018, 54, 10989-10992.	4.1	14
410	Simultaneous Fluorescence Visualization of Epithelial-Mesenchymal Transition and Apoptosis Processes in Tumor Cells for Evaluating the Impact of Epithelial-Mesenchymal Transition on Drug Efficacy. <i>Analytical Chemistry</i> , 2018, 90, 10951-10957.	6.5	28
411	A multi-signal mitochondria-targeted fluorescent probe for real-time visualization of cysteine metabolism in living cells and animals. <i>Chemical Communications</i> , 2018, 54, 11387-11390.	4.1	106
412	Electrochemical Ammonia Synthesis via Nitrogen Reduction Reaction on a MoS <sub>2</sub> Catalyst: Theoretical and Experimental Studies. <i>Advanced Materials</i> , 2018, 30, e1800191.	21.0	697
413	Evaluating Drug-Induced Liver Injury and Its Remission via Discrimination and Imaging of HClO and H <sub>2</sub> S with a Two-Photon Fluorescent Probe. <i>Analytical Chemistry</i> , 2018, 90, 7510-7516.	6.5	98
414	Efficient alkaline hydrogen evolution electrocatalysis enabled by an amorphous Co-Mo film. <i>Dalton Transactions</i> , 2018, 47, 7640-7643.	3.3	20



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415	Highly Sensitive Fluorescence Imaging of Zn <sup>2+</sup> and Cu <sup>2+</sup> in Living Cells with Signal Amplification Based on Functional DNA Self-Assembly. <i>Analytical Chemistry</i> , 2018, 90, 8785-8792.	6.5	56
416	<i>In situ</i> fluorescence monitoring of diagnosis and treatment: a versatile nanoprobe combining tumor targeting based on MUC1 and controllable DOX release by telomerase. <i>Chemical Communications</i> , 2018, 54, 8277-8280.	4.1	29
417	Post-synthesis of Zr-MOR as a robust solid acid catalyst for the ring-opening aminolysis of epoxides. <i>New Journal of Chemistry</i> , 2018, 42, 13503-13511.	2.8	21
418	Cyclic Regulation of the Sulfilimine Bond in Peptides and NC1 Hexamers via the HOBr/H <sub>2</sub> Se Conjugated System. <i>Analytical Chemistry</i> , 2018, 90, 9523-9528.	6.5	12
419	Pomegranate-like molybdenum phosphide@phosphorus-doped carbon nanospheres coupled with carbon nanotubes for efficient hydrogen evolution reaction. <i>Carbon</i> , 2018, 139, 234-240.	10.3	55
420	A graphene-based fluorescent nanoprobe for simultaneous monitoring of miRNA and mRNA in living cells. <i>Nanoscale</i> , 2018, 10, 14264-14271.	5.6	54
421	Visualizing miR-155 To Monitor Breast Tumorigenesis and Response to Chemotherapeutic Drugs by a Self-Assembled Photoacoustic Nanoprobe. <i>Analytical Chemistry</i> , 2018, 90, 9125-9131.	6.5	34
422	A new pH-sensitive fluorescent probe for visualization of endoplasmic reticulum acidification during stress. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 1754-1761.	7.8	35
423	Target discovery of ebselen with a biotinylated probe. <i>Chemical Communications</i> , 2018, 54, 9506-9509.	4.1	41
424	A Two-Photon H <sub>2</sub> O <sub>2</sub> -Activated CO Photoreleaser. <i>Angewandte Chemie</i> , 2018, 130, 12595-12599.	2.0	12
425	A Two-Photon H <sub>2</sub> O <sub>2</sub> -Activated CO Photoreleaser. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12415-12419.	13.8	80
426	A CuO-functionalized NMOF probe with a tunable excitation wavelength for selective detection and imaging of H <sub>2</sub> S in living cells. <i>Nanoscale</i> , 2018, 10, 15793-15798.	5.6	18
427	Partially amorphous nickel-iron layered double hydroxide nanosheet arrays for robust bifunctional electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2018, 6, 16121-16129.	10.3	193
428	Treatment of hyperphosphatemia based on specific interactions between phosphorus and Zr( <sup>iv</sup> ) active centers of nano-MOFs. <i>Chemical Science</i> , 2018, 9, 7483-7487.	7.4	16
429	Controllable green synthesis of crassula perforata-like TiO <sub>2</sub> with high photocatalytic activity based on deep eutectic solvent (DES). <i>Chemical Engineering Journal</i> , 2018, 348, 811-819.	12.7	43
430	High-performance artificial nitrogen fixation at ambient conditions using a metal-free electrocatalyst. <i>Nature Communications</i> , 2018, 9, 3485.	12.8	615
431	Formal [1 + 2 + 3] Annulation: Domino Access to Carbazoles and Indolocarbazole Alkaloids. <i>Organic Letters</i> , 2018, 20, 5348-5352.	4.6	36
432	A 3D porous Ni-CeO <sub>2</sub> nanosheet array as a highly efficient electrocatalyst toward alkaline hydrogen evolution. <i>Dalton Transactions</i> , 2018, 47, 12667-12670.	3.3	11

#	ARTICLE	IF	CITATIONS
433	Iron-incorporated Ni(OH) <sub>2</sub> Hierarchical Nanosheet Arrays for Electrocatalytic Urea Oxidation. Chemistry - A European Journal, 2018, 24, 18408-18412.	3.3	114
434	Sub-30-nm pores in two-dimensional nanomesh promoting the generation of electroactive phase for robust water oxidation. Nano Energy, 2018, 53, 74-82.	16.0	94
435	Simultaneous Detection of Mitochondrial Hydrogen Selenide and Superoxide Anion in HepG2 Cells under Hypoxic Conditions. Analytical Chemistry, 2018, 90, 8116-8122.	6.5	19
436	Nuclear-Targeted Photothermal Therapy Prevents Cancer Recurrence with Near-Infrared Triggered Copper Sulfide Nanoparticles. ACS Nano, 2018, 12, 5197-5206.	14.6	213
437	MOF-derived Ni-based nanocomposites as robust catalysts for chemoselective hydrogenation of functionalized nitro compounds. RSC Advances, 2017, 7, 1531-1539.	3.6	59
438	Development of fluorescent methods for DNA methyltransferase assay. Methods and Applications in Fluorescence, 2017, 5, 012002.	2.3	15
439	Combinatorial Strategy to Identify Fluorescent Probes for Biothiol and Thiophenol Based on Diversified Pyrimidine Moieties and Their Biological Applications. Analytical Chemistry, 2017, 89, 3015-3020.	6.5	63
440	Defect-rich MoS <sub>2</sub> nanowall catalyst for efficient hydrogen evolution reaction. Nano Research, 2017, 10, 1178-1188.	10.4	177
441	Nuclear-targeted siRNA delivery for long-term gene silencing. Chemical Science, 2017, 8, 2816-2822.	7.4	48
442	High Performance Supercapacitors from Hierarchical Porous Carbon Aerogels Based on Sliced Bread. Chinese Journal of Chemistry, 2017, 35, 699-706.	4.9	18
443	Sensitive Quantification of MicroRNAs by Isothermal Helicase-Dependent Amplification. Analytical Chemistry, 2017, 89, 6182-6187.	6.5	79
444	Visualizing the Conversion Process of Alcohol-Induced Fatty Liver to Steatohepatitis in Vivo with a Fluorescent Nanoprobe. Analytical Chemistry, 2017, 89, 6196-6201.	6.5	30
445	Illuminating Superoxide Anion and pH Enhancements in Apoptosis of Breast Cancer Cells Induced by Mitochondrial Hyperfusion Using a New Two-Photon Fluorescence Probe. Analytical Chemistry, 2017, 89, 6840-6845.	6.5	52
446	Highly efficient photocatalytic degradation of methylene blue by P2ABSA-modified TiO <sub>2</sub> nanocomposite due to the photosensitization synergetic effect of TiO <sub>2</sub> and P2ABSA. RSC Advances, 2017, 7, 23699-23708.	3.6	156
447	Tumor microenvironment-triggered fabrication of gold nanomachines for tumor-specific photoacoustic imaging and photothermal therapy. Chemical Science, 2017, 8, 4896-4903.	7.4	92
448	Highly Selective Fluorescent Probe for Imaging H <sub>2</sub> Se in Living Cells and in Vivo Based on the Disulfide Bond. Analytical Chemistry, 2017, 89, 688-693.	6.5	34
449	A General Strategy To Fabricate Ni <sub>x</sub> P as Highly Efficient Cocatalyst via Photoreduction Deposition for Hydrogen Evolution. ACS Sustainable Chemistry and Engineering, 2017, 5, 6845-6853.	6.7	86
450	Homogeneously Sensitive Detection of Multiple DNA Glycosylases with Intrinsically Fluorescent Nucleotides. Analytical Chemistry, 2017, 89, 7684-7692.	6.5	44

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451	Copper-mediated carboamination of vinyl azides by aryldiazonium salts: synthesis of N <sup>2</sup> -substituted 1,2,3-triazoles. <i>Chemical Communications</i> , 2017, 53, 6259-6262.	4.1	46
452	Highly-efficient photocatalytic degradation of methylene blue by PoPD-modified TiO <sub>2</sub> nanocomposites due to photosensitization-synergetic effect of TiO <sub>2</sub> with PoPD. <i>Scientific Reports</i> , 2017, 7, 3973.	3.3	66
453	Fluorometric probing of the lipase level as acute pancreatitis biomarkers based on interfacially controlled aggregation-induced emission (AIE). <i>Chemical Science</i> , 2017, 8, 6188-6195.	7.4	82
454	Single-Molecule Detection of Polynucleotide Kinase Based on Phosphorylation-Directed Recovery of Fluorescence Quenched by Au Nanoparticles. <i>Analytical Chemistry</i> , 2017, 89, 7255-7261.	6.5	74
455	A single quantum dot-based nanosensor for the signal-on detection of DNA methyltransferase. <i>Chemical Communications</i> , 2017, 53, 6868-6871.	4.1	51
456	A fast, highly sensitive and selective assay of iodide ions with single-stranded DNA-templated copper nanoparticles as a fluorescent probe for its application in Kunming mice samples. <i>Analyst</i> , 2017, 142, 2781-2785.	3.5	25
457	The strategies for identification and quantification of SUMOylation. <i>Chemical Communications</i> , 2017, 53, 6989-6998.	4.1	7
458	Two-photon imaging of formaldehyde in live cells and animals utilizing a lysosome-targetable and acidic pH-activatable fluorescent probe. <i>Chemical Communications</i> , 2017, 53, 6520-6523.	4.1	86
459	A DNA Tetrahedron Nanoprobe with Controlled Distance of Dyes for Multiple Detection in Living Cells and in Vivo. <i>Analytical Chemistry</i> , 2017, 89, 6670-6677.	6.5	64
460	Targeting and destroying tumor vasculature with a near-infrared laser-activated $\alpha$ -nanobombin for efficient tumor ablation. <i>Biomaterials</i> , 2017, 139, 1-11.	11.4	49
461	Nucleic Acid Amplification-Free Bioluminescent Detection of MicroRNAs with High Sensitivity and Accuracy Based on Controlled Target Degradation. <i>Analytical Chemistry</i> , 2017, 89, 7077-7083.	6.5	48
462	Simultaneous Fluorescence and Chemiluminescence Turned on by Aggregation-Induced Emission for Real-Time Monitoring of Endogenous Superoxide Anion in Live Cells. <i>Analytical Chemistry</i> , 2017, 89, 7210-7215.	6.5	80
463	Visualization and Inhibition of Mitochondria-Nuclear Translocation of Apoptosis Inducing Factor by a Graphene Oxide-DNA Nanosensor. <i>Analytical Chemistry</i> , 2017, 89, 4642-4647.	6.5	13
464	Multiplexed gene silencing in living cells and in vivo using a DNAzymes-CoOOH nanocomposite. <i>Chemical Communications</i> , 2017, 53, 4962-4965.	4.1	27
465	A sensitive ratiometric electrochemical biosensor based on DNA four-way junction formation and enzyme-assisted recycling amplification. <i>Analyst</i> , 2017, 142, 1562-1568.	3.5	24
466	Simultaneous Single-Cell Analysis of Na <sup>+</sup> , K <sup>+</sup> , Ca <sup>2+</sup> , and Mg <sup>2+</sup> in Neuron-Like PC-12 Cells in a Microfluidic System. <i>Analytical Chemistry</i> , 2017, 89, 4559-4565.	6.5	36
467	Fluorescence and SERS Imaging for the Simultaneous Absolute Quantification of Multiple miRNAs in Living Cells. <i>Analytical Chemistry</i> , 2017, 89, 5124-5130.	6.5	131
468	Asymmetric Strecker Reactions Catalyzed by Thiourea Phosphonium and Ammonium Salts. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1819-1824.	4.3	52

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469	Cyclic enzymatic repairing-mediated dual-signal amplification for real-time monitoring of thymine DNA glycosylase. <i>Chemical Communications</i> , 2017, 53, 3878-3881.	4.1	25
470	Excision Repair-Initiated Enzyme-Assisted Bicyclic Cascade Signal Amplification for Ultrasensitive Detection of Uracil-DNA Glycosylase. <i>Analytical Chemistry</i> , 2017, 89, 4488-4494.	6.5	109
471	Two-photon fluorescent probe for revealing drug-induced hepatotoxicity via mapping fluctuation of peroxynitrite. <i>Chemical Science</i> , 2017, 8, 4006-4011.	7.4	171
472	Hollow Mesoporous Silica Nanoparticles with Tunable Structures for Controlled Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 2123-2129.	8.0	213
473	A new endoplasmic reticulum-targeted two-photon fluorescent probe for imaging of superoxide anion in diabetic mice. <i>Biosensors and Bioelectronics</i> , 2017, 91, 449-455.	10.1	88
474	High-Quantum-Yield Mitochondria-Targeting Near-Infrared Fluorescent Probe for Imaging Native Hypobromous Acid in Living Cells and in Vivo. <i>Analytical Chemistry</i> , 2017, 89, 1787-1792.	6.5	59
475	Sensing telomerase: From in vitro detection to in vivo imaging. <i>Chemical Science</i> , 2017, 8, 2495-2502.	7.4	67
476	Highly efficient hydrogen evolution electrocatalysts based on coupled molybdenum phosphide and reduced graphene oxide derived from MOFs. <i>Chemical Communications</i> , 2017, 53, 12576-12579.	4.1	64
477	Nanocarriers with multi-locked DNA valves targeting intracellular tumor-related mRNAs for controlled drug release. <i>Nanoscale</i> , 2017, 9, 17318-17324.	5.6	17
478	Nickel-catalyzed N-alkylation of Acylhydrazines and Arylamines Using Alcohols and Enantioselective Examples. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14702-14706.	13.8	121
479	A two-photon excitable and ratiometric fluorogenic nitric oxide photoreleaser and its biological applications. <i>Chemical Communications</i> , 2017, 53, 11941-11944.	4.1	57
480	Asymmetric Intermolecular Rauhut-Currier Reaction for the Construction of 3,3-Disubstituted Oxindoles with Quaternary Stereogenic Centers. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3934-3939.	4.3	42
481	Sensitive Detection of Transcription Factor in Nuclear Extracts by Target-Actuated Isothermal Amplification-Mediated Fluorescence Enhancement. <i>Analytical Chemistry</i> , 2017, 89, 10439-10445.	6.5	27
482	H <sub>2</sub> -Activable MOF Nanoparticle Photosensitizer for Effective Photodynamic Therapy against Cancer with Controllable Singlet Oxygen Release. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13752-13756.	13.8	283
483	H <sub>2</sub> -Activable MOF Nanoparticle Photosensitizer for Effective Photodynamic Therapy against Cancer with Controllable Singlet Oxygen Release. <i>Angewandte Chemie</i> , 2017, 129, 13940-13944.	2.0	59
484	Visualizing Breast Cancer Cell Proliferation and Invasion for Assessing Drug Efficacy with a Fluorescent Nanoprobe. <i>Analytical Chemistry</i> , 2017, 89, 10601-10607.	6.5	27
485	Single quantum dot-based nanosensor for rapid and sensitive detection of terminal deoxynucleotidyl transferase. <i>Chemical Communications</i> , 2017, 53, 11016-11019.	4.1	46
486	Development of Visible-Light Induced Photoelectrochemical Platform Based on Cyclometalated Iridium(III) Complex for Bioanalysis. <i>Analytical Chemistry</i> , 2017, 89, 11098-11106.	6.5	40

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487	Transferrin-navigation Nano Artificial Antibody Fluorescence Recognition of Circulating Tumor Cells. <i>Scientific Reports</i> , 2017, 7, 10142.	3.3	11
488	A highly selective and sensitive fluorescent nanosensor for dopamine based on formate bridged Tb( $\text{III}$ ) complex and silver nanoparticles. <i>Analyst</i> , 2017, 142, 4240-4246.	3.5	10
489	Dual-Ratiometric Fluorescent Nanoprobe for Visualizing the Dynamic Process of pH and Superoxide Anion Changes in Autophagy and Apoptosis. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 27512-27521.	8.0	47
490	Visible light-induced cyclization reactions for the synthesis of 1,2,4-triazolines and 1,2,4-triazoles. <i>Chemical Communications</i> , 2017, 53, 9644-9647.	4.1	51
491	Ratiometric photoacoustic imaging of endoplasmic reticulum polarity in injured liver tissues of diabetic mice. <i>Chemical Science</i> , 2017, 8, 7025-7030.	7.4	103
492	Single Quantum Dot-Based Nanosensor for Sensitive Detection of O-GlcNAc Transferase Activity. <i>Analytical Chemistry</i> , 2017, 89, 12992-12999.	6.5	46
493	Enhanced photocatalytic activity of PANI/TiO <sub>2</sub> due to their photosensitization-synergetic effect. <i>Electrochimica Acta</i> , 2017, 247, 486-495.	5.2	85
494	Simultaneous detection of multiple targets involved in the PI3K/AKT pathway for investigating cellular migration and invasion with a multicolor fluorescent nanoprobe. <i>Chemical Communications</i> , 2017, 53, 356-359.	4.1	52
495	Efficient energy-level modification of novel pyran-annulated perylene diimides for photocatalytic water splitting. <i>Chemical Communications</i> , 2017, 53, 6918-6921.	4.1	15
496	Fluorescence-Converging Carbon Nanodots-Hybridized Silica Nanosphere. <i>Small</i> , 2016, 12, 4702-4706.	10.0	63
497	Core-Shell Composites Based on Multiwalled Carbon Nanotubes and Cesium Tungsten Bronze to Realize Charge Transport Balance for Photocatalytic Water Oxidation. <i>ChemCatChem</i> , 2016, 8, 624-630.	3.7	6
498	Solid-phase extraction with metal-organic frameworks for the analysis of chiral compounds. <i>Chirality</i> , 2016, 28, 778-783.	2.6	15
499	Fabrication of NaYF <sub>4</sub> :Yb,Er Nanoprobes for Cell Imaging Directly by Using the Method of Hydron Rivalry Aided by Ultrasonic. <i>Nanoscale Research Letters</i> , 2016, 11, 441.	5.7	19
500	A nanosensor for in vivo selenol imaging based on the formation of Au Se bonds. <i>Biomaterials</i> , 2016, 92, 81-89.	11.4	30
501	Preparation of a magnetically recoverable nanocatalyst via cobalt-doped Fe <sub>3</sub> O <sub>4</sub> nanoparticles and its application in the hydrogenation of nitroarenes. <i>Nano Research</i> , 2016, 9, 1879-1890.	10.4	45
502	Simultaneous fluorescence imaging of selenol and hydrogen peroxide under normoxia and hypoxia in HepG2 cells and in vivo. <i>Chemical Communications</i> , 2016, 52, 6693-6696.	4.1	31
503	Simultaneous fluorescence visualization of mitochondrial hydrogen peroxide and zinc ions in live cells and in vivo. <i>Chemical Communications</i> , 2016, 52, 12741-12744.	4.1	34
504	Multicolor Fluorescence Detection-Based Microfluidic Device for Single-Cell Metabolomics: Simultaneous Quantitation of Multiple Small Molecules in Primary Liver Cells. <i>Analytical Chemistry</i> , 2016, 88, 8610-8616.	6.5	62

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505	1D Ni <sup>2+</sup> /Co oxide and sulfide nanoarray/carbon aerogel hybrid nanostructures for asymmetric supercapacitors with high energy density and excellent cycling stability. <i>Nanoscale</i> , 2016, 8, 16292-16301.	5.6	101
506	Fluorescent Biosensors Based on Single-Molecule Counting. <i>Accounts of Chemical Research</i> , 2016, 49, 1722-1730.	15.6	218
507	Highly Specific and Ultrasensitive Two-Photon Fluorescence Imaging of Native HOCl in Lysosomes and Tissues Based on Thiocarbamate Derivatives. <i>Analytical Chemistry</i> , 2016, 88, 12532-12538.	6.5	190
508	Fluorescence Imaging of Intracellular Telomerase Activity Using Enzyme-Free Signal Amplification. <i>Analytical Chemistry</i> , 2016, 88, 12177-12182.	6.5	92
509	An Ultrasensitive Cyclization <sup>+</sup> -Based Fluorescent Probe for Imaging Native HOBr in Live Cells and Zebrafish. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12751-12754.	13.8	90
510	Vertically aligned oxygen-doped molybdenum disulfide nanosheets grown on carbon cloth realizing robust hydrogen evolution reaction. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 1160-1166.	6.0	55
511	An Ultrasensitive Cyclization <sup>+</sup> -Based Fluorescent Probe for Imaging Native HOBr in Live Cells and Zebrafish. <i>Angewandte Chemie</i> , 2016, 128, 12943-12946.	2.0	56
512	Base-Excision-Repair-Induced Construction of a Single Quantum-Dot-Based Sensor for Sensitive Detection of DNA Glycosylase Activity. <i>Analytical Chemistry</i> , 2016, 88, 7523-7529.	6.5	63
513	Rational Design of an $\alpha$ -Ketoamide-Based Near-Infrared Fluorescent Probe Specific for Hydrogen Peroxide in Living Systems. <i>Analytical Chemistry</i> , 2016, 88, 8019-8025.	6.5	139
514	Fluorescent Probe Based on Azobenzene-Cyclopalladium for the Selective Imaging of Endogenous Carbon Monoxide under Hypoxia Conditions. <i>Analytical Chemistry</i> , 2016, 88, 11154-11159.	6.5	112
515	Rapid and Sensitive Detection of Cancer Cells Based on the Photothermal Effect of Graphene Functionalized Magnetic Microbeads. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 29933-29938.	8.0	28
516	Fluorescent Nanocomposite for Visualizing Cross-Talk between MicroRNA-21 and Hydrogen Peroxide in Ischemia-Reperfusion Injury in Live Cells and In Vivo. <i>Analytical Chemistry</i> , 2016, 88, 11886-11891.	6.5	59
517	Two-photon fluorescence imaging of sialylated glycans in vivo based on a sialic acid imprinted conjugated polymer nanoprobe. <i>Chemical Communications</i> , 2016, 52, 13991-13994.	4.1	33
518	A Glutathione (GSH)-Responsive Near-Infrared (NIR) Theranostic Prodrug for Cancer Therapy and Imaging. <i>Analytical Chemistry</i> , 2016, 88, 6450-6456.	6.5	159
519	Simultaneous fluorescence imaging of hydrogen peroxide in mitochondria and endoplasmic reticulum during apoptosis. <i>Chemical Science</i> , 2016, 7, 6153-6159.	7.4	161
520	Purification of quantum dot-based bioprobes via high-performance size exclusion chromatography. <i>Talanta</i> , 2016, 159, 64-73.	5.5	13
521	Ratiometric Fluorescence Nanoprobes for Subcellular pH Imaging with a Single-Wavelength Excitation in Living Cells. <i>Analytical Chemistry</i> , 2016, 88, 6743-6748.	6.5	108
522	Ultrasmall Magnetically Engineered Ag <sub>2</sub> Se Quantum Dots for Instant Efficient Labeling and Whole-Body High-Resolution Multimodal Real-Time Tracking of Cell-Derived Microvesicles. <i>Journal of the American Chemical Society</i> , 2016, 138, 1893-1903.	13.7	143

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523	Multicolor Quantum Dot-Based Chemical Nose for Rapid and Array-Free Differentiation of Multiple Proteins. <i>Analytical Chemistry</i> , 2016, 88, 2051-2058.	6.5	62
524	Two-color imaging of microRNA with enzyme-free signal amplification via hybridization chain reactions in living cells. <i>Chemical Science</i> , 2016, 7, 1940-1945.	7.4	202
525	Consecutive Gated Injection-Based Microchip Electrophoresis for Simultaneous Quantitation of Superoxide Anion and Nitric Oxide in Single PC-12 Cells. <i>Analytical Chemistry</i> , 2016, 88, 930-936.	6.5	46
526	A new type of surface-enhanced Raman scattering sensor for the enantioselective recognition of <i>D</i> -cysteine and <i>L</i> -asparagine based on a helically arranged Ag NPs@homochiral MOF. <i>Chemical Communications</i> , 2016, 52, 5432-5435.	4.1	61
527	Recent advances in transcription factor assays in vitro. <i>Chemical Communications</i> , 2016, 52, 4739-4748.	4.1	19
528	Controllable Mismatched Ligation for Bioluminescence Screening of Known and Unknown Mutations. <i>Analytical Chemistry</i> , 2016, 88, 2431-2439.	6.5	29
529	A competitive coordination-based CeO <sub>2</sub> nanowire "DNA nanosensor: fast and selective detection of hydrogen peroxide in living cells and in vivo. <i>Chemical Communications</i> , 2016, 52, 3643-3646.	4.1	43
530	A New Polymer Nanoprobe Based on Chemiluminescence Resonance Energy Transfer for Ultrasensitive Imaging of Intrinsic Superoxide Anion in Mice. <i>Journal of the American Chemical Society</i> , 2016, 138, 2893-2896.	13.7	156
531	FRET-based nanoprobe for simultaneous monitoring of multiple mRNAs in living cells using single wavelength excitation. <i>Chemical Communications</i> , 2016, 52, 4569-4572.	4.1	57
532	A nuclear targeted dual-photosensitizer for drug-resistant cancer therapy with NIR activated multiple ROS. <i>Chemical Science</i> , 2016, 7, 4237-4244.	7.4	155
533	An ultrasensitive near-infrared ratiometric fluorescent probe for imaging mitochondrial polarity in live cells and in vivo. <i>Chemical Science</i> , 2016, 7, 1588-1593.	7.4	133
534	A highly selective near-infrared fluorescent probe for imaging H <sub>2</sub> Se in living cells and in vivo. <i>Chemical Science</i> , 2016, 7, 1051-1056.	7.4	66
535	Fluorescent sensing of pyrophosphate anion in synovial fluid based on DNA-attached magnetic nanoparticles. <i>Biosensors and Bioelectronics</i> , 2015, 72, 51-55.	10.1	25
536	NIR light induced H <sub>2</sub> evolution by a metal-free photocatalyst. <i>Chemical Communications</i> , 2015, 51, 10899-10902.	4.1	112
537	An accurate mass spectrometric approach for the simultaneous comparison of GSH, Cys, and Hcy in L02 cells and HepG2 cells using new NPSP isotope probes. <i>Chemical Communications</i> , 2015, 51, 11317-11320.	4.1	28
538	Simultaneous Quantitation of Na <sup>+</sup> and K <sup>+</sup> in Single Normal and Cancer Cells Using a New Near-Infrared Fluorescent Probe. <i>Analytical Chemistry</i> , 2015, 87, 6057-6063.	6.5	54
539	Fluorescence imaging of selenol in HepG2 cell apoptosis induced by Na <sub>2</sub> SeO <sub>3</sub> . <i>Chemical Communications</i> , 2015, 51, 3102-3105.	4.1	56
540	Real-Time Imaging of Mitochondrial Hydrogen Peroxide and pH Fluctuations in Living Cells Using a Fluorescent Nanosensor. <i>Analytical Chemistry</i> , 2015, 87, 3678-3684.	6.5	98

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541	Asymmetric Signal Amplification for Simultaneous SERS Detection of Multiple Cancer Markers with Significantly Different Levels. <i>Analytical Chemistry</i> , 2015, 87, 8242-8249.	6.5	67
542	Dual Signaling Molecule Sensor for Rapid Detection of Hydrogen Sulfide Based on Modified Tetraphenylethylene. <i>Analytical Chemistry</i> , 2015, 87, 8964-8969.	6.5	68
543	Near-Infrared Fluorescence Probe for Monitoring the Metabolic Products of Vitamin C in HepG2 Cells under Normoxia and Hypoxia. <i>Analytical Chemistry</i> , 2015, 87, 7092-7097.	6.5	13
544	Dual-calibration coefficient: a more accurate protocol for simultaneous determination of superoxide and hydrogen peroxide in human HepG2 cell extracts. <i>Science China Chemistry</i> , 2015, 58, 825-829.	8.2	5
545	Reversible two-photon fluorescent probe for imaging of hypochlorous acid in live cells and in vivo. <i>Chemical Communications</i> , 2015, 51, 10150-10153.	4.1	131
546	Cyclometalated Iridium Complex-Based Label-Free Photoelectrochemical Biosensor for DNA Detection by Hybridization Chain Reaction Amplification. <i>Analytical Chemistry</i> , 2015, 87, 4283-4291.	6.5	138
547	Simultaneous Visualization of Multiple mRNAs and Matrix Metalloproteinases in Living Cells Using a Fluorescence Nanoprobe. <i>Chemistry - A European Journal</i> , 2015, 21, 6070-6073.	3.3	31
548	Elucidating the relationship between superoxide anion levels and lifespan using an enhanced two-photon fluorescence imaging probe. <i>Chemical Communications</i> , 2015, 51, 9710-9713.	4.1	34
549	Simultaneous Imaging of Zn <sup>2+</sup> and Cu <sup>2+</sup> in Living Cells Based on DNAzyme Modified Gold Nanoparticle. <i>Analytical Chemistry</i> , 2015, 87, 4829-4835.	6.5	138
550	Dynamic Transcriptional Regulation of Fis in Salmonella During the Exponential Phase. <i>Current Microbiology</i> , 2015, 71, 713-718.	2.2	0
551	IR-Driven Photocatalytic Water Splitting with WO <sub>2</sub> •NaWO <sub>3</sub> Hybrid Conductor Material. <i>Nano Letters</i> , 2015, 15, 7199-7203.	9.1	109
552	A Near-Infrared Triggered Nanophotosensitizer Inducing Domino Effect on Mitochondrial Reactive Oxygen Species Burst for Cancer Therapy. <i>ACS Nano</i> , 2015, 9, 11064-11074.	14.6	274
553	<i>In Vivo</i> Capture of Circulating Tumor Cells Based on Transfusion with a Vein Indwelling Needle. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 20477-20484.	8.0	42
554	AuNP flares-capped mesoporous silica nanoplatform for MTH1 detection and inhibition. <i>Biomaterials</i> , 2015, 69, 212-221.	11.4	29
555	Rapid-Response Fluorescent Probe for Hydrogen Peroxide in Living Cells Based on Increased Polarity of C=B Bonds. <i>Analytical Chemistry</i> , 2015, 87, 9825-9828.	6.5	103
556	Multiple exciton generation application of PbS quantum dots in ZnO@PbS/graphene oxide for enhanced photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2015, 163, 123-128.	20.2	87
557	Energetics of protein backbone hydrogen bonds and their local electrostatic environment. <i>Science China Chemistry</i> , 2014, 57, 1708-1715.	8.2	7
558	Temperature-responsive DNA-gated nanocarriers for intracellular controlled release. <i>Chemical Communications</i> , 2014, 50, 3494-3497.	4.1	64



#	ARTICLE	IF	CITATIONS
559	Elimination of the formation of biofilm in industrial pipes using enzyme cleaning technique. <i>MethodsX</i> , 2014, 1, 130-136.	1.6	31
560	Nanoscale optical probes for cellular imaging. <i>Chemical Society Reviews</i> , 2014, 43, 2650.	38.1	179
561	High-Performance Liquid Chromatographic Enantioseparation of Racemic Drugs Based on Homochiral Metal-Organic Framework. <i>Analytical Chemistry</i> , 2014, 86, 1277-1281.	6.5	168
562	MnO <sub>2</sub> -Modified Persistent Luminescence Nanoparticles for Detection and Imaging of Glutathione in Living Cells and In Vivo. <i>Chemistry - A European Journal</i> , 2014, 20, 16488-16491.	3.3	101
563	Screening and investigation of a cyanine fluorescent probe for simultaneous sensing of glutathione and cysteine under single excitation. <i>Chemical Communications</i> , 2014, 50, 15439-15442.	4.1	113
564	Targeting lysosomal membrane permeabilization to induce and image apoptosis in cancer cells by multifunctional Au-ZnO hybrid nanoparticles. <i>Chemical Communications</i> , 2014, 50, 8117.	4.1	37
565	Heterogeneous Nano Metal-Organic Framework Fluorescence Probe for Highly Selective and Sensitive Detection of Hydrogen Sulfide in Living Cells. <i>Analytical Chemistry</i> , 2014, 86, 11459-11463.	6.5	154
566	A tumour mRNA-triggered nanocarrier for multimodal cancer cell imaging and therapy. <i>Chemical Communications</i> , 2014, 50, 7473-7476.	4.1	49
567	A near-infrared-emitting fluorescent probe for monitoring mitochondrial pH. <i>Chemical Communications</i> , 2014, 50, 7184.	4.1	106
568	Highly Sensitive and Homogeneous Detection of Membrane Protein on a Single Living Cell by Aptamer and Nicking Enzyme Assisted Signal Amplification Based on Microfluidic Droplets. <i>Analytical Chemistry</i> , 2014, 86, 5101-5107.	6.5	92
569	Exonuclease III-Aided Autocatalytic DNA Biosensing Platform for Immobilization-Free and Ultrasensitive Electrochemical Detection of Nucleic Acid and Protein. <i>Analytical Chemistry</i> , 2014, 86, 4008-4015.	6.5	155
570	Graphene Fluorescence Switch-Based Cooperative Amplification: A Sensitive and Accurate Method to Detect MicroRNA. <i>Analytical Chemistry</i> , 2014, 86, 5487-5493.	6.5	89
571	A Highly Selective and Instantaneous Nanoprobe for Detection and Imaging of Ascorbic Acid in Living Cells and in Vivo. <i>Analytical Chemistry</i> , 2014, 86, 3924-3930.	6.5	203
572	High Specific and Ultrasensitive Isothermal Detection of MicroRNA by Padlock Probe-Based Exponential Rolling Circle Amplification. <i>Analytical Chemistry</i> , 2013, 85, 7941-7947.	6.5	215
573	A Near-Infrared Light-Triggered Nanocarrier with Reversible DNA Valves for Intracellular Controlled Release. <i>Advanced Functional Materials</i> , 2013, 23, 2255-2262.	14.9	91
574	A dye-sensitized FeOOH-CNT photocatalyst with three electron transfer channels regulated by hydrogen bonding. <i>Applied Catalysis B: Environmental</i> , 2013, 136-137, 334-340.	20.2	13
575	Mitochondria-Targeted Reaction-Based Two-Photon Fluorescent Probe for Imaging of Superoxide Anion in Live Cells and in Vivo. <i>Analytical Chemistry</i> , 2013, 85, 9877-9881.	6.5	112
576	Label-Free and Ultrasensitive Electrochemical Detection of Nucleic Acids Based on Autocatalytic and Exonuclease III-Assisted Target Recycling Strategy. <i>Analytical Chemistry</i> , 2013, 85, 2282-2288.	6.5	160

#	ARTICLE	IF	CITATIONS
577	Dynamic and Reversible Fluorescence Imaging of Superoxide Anion Fluctuations in Live Cells and in Vivo. <i>Journal of the American Chemical Society</i> , 2013, 135, 14956-14959.	13.7	204
578	Highly efficient ionization of phosphopeptides at low pH by desorption electrospray ionization mass spectrometry. <i>Analyst</i> , 2013, 138, 1321.	3.5	11
579	A near-infrared reversible fluorescent probe for real-time imaging of redox status changes in vivo. <i>Chemical Science</i> , 2013, 4, 1079.	7.4	187
580	Preparation of a magnetically recoverable biocatalyst support on monodisperse Fe <sub>3</sub> O <sub>4</sub> nanoparticles. <i>RSC Advances</i> , 2013, 3, 9924.	3.6	29
581	A near-infrared ratiometric fluorescent probe for rapid and highly sensitive imaging of endogenous hydrogen sulfide in living cells. <i>Chemical Science</i> , 2013, 4, 2551.	7.4	319
582	Dual-Targeted Nanocarrier Based on Cell Surface Receptor and Intracellular mRNA: An Effective Strategy for Cancer Cell Imaging and Therapy. <i>Analytical Chemistry</i> , 2013, 85, 6930-6935.	6.5	94
583	Multiplexed Detection and Imaging of Intracellular mRNAs Using a Four-Color Nanoprobe. <i>Analytical Chemistry</i> , 2013, 85, 10581-10588.	6.5	195
584	A highly selective and sensitive nanoprobe for detection and imaging of the superoxide anion radical in living cells. <i>Chemical Communications</i> , 2012, 48, 2507.	4.1	43
585	Simultaneous Determination of Reactive Oxygen and Nitrogen Species in Mitochondrial Compartments of Apoptotic HepG2 Cells and PC12 Cells Based On Microchip Electrophoresis-Laser-Induced Fluorescence. <i>Analytical Chemistry</i> , 2012, 84, 4687-4694.	6.5	34
586	Photoinduced charge separation enhanced by the confinement of electron donor and acceptor at different surfaces of porous TiO <sub>2</sub> nanotubes and its application in olefin oxidation. <i>Journal of Materials Chemistry</i> , 2012, 22, 11915.	6.7	6
587	A near-infrared fluorescent probe for monitoring ozone and imaging in living cells. <i>Chemical Communications</i> , 2012, 48, 684-686.	4.1	54
588	Ratiometric fluorescence imaging for distinguishing chloride concentration between normal and ischemic ventricular myocytes. <i>Chemical Communications</i> , 2012, 48, 2077-2079.	4.1	33
589	A Near-Infrared Fluorescent Probe for Selective Simultaneous Detection of Fe <sup>2+</sup> and Cl <sup>-</sup> in Living Cells. <i>Chinese Journal of Chemistry</i> , 2012, 30, 1992-1998.	4.9	11
590	Core-shell mesoporous silica nanoparticles improve HeLa cell growth and proliferation inhibition by (âˆ“)-epigallocatechin-3-gallate by prolonging the half-life. <i>Journal of Materials Chemistry</i> , 2012, 22, 19926.	6.7	10
591	Advances in functional fluorescent and luminescent probes for imaging intracellular small-molecule reactive species. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 39, 3-37.	11.4	83
592	A sensitive graphene oxide-DNA based sensing platform for fluorescence turn-on detection of bleomycin. <i>Chemical Communications</i> , 2012, 48, 127-129.	4.1	105
593	A Multicolor Nanoprobe for Detection and Imaging of Tumor-Related mRNAs in Living Cells. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7426-7430.	13.8	298
594	Dual-Luminescence Labeled Gold Nanoparticles with Completely Resolved Emission for the Simultaneous Imaging of MMP <sub>2</sub> and MMP <sub>7</sub> in Living Cells under Single Wavelength Excitation. <i>Chemistry - A European Journal</i> , 2012, 18, 7189-7195.	3.3	30

#	ARTICLE	IF	CITATIONS
595	Bifunctional combined Au-Fe <sub>2</sub> O <sub>3</sub> nanoparticles for induction of cancer cell-specific apoptosis and real-time imaging. <i>Biomaterials</i> , 2012, 33, 3710-3718.	11.4	68
596	A near-infrared fluorescent probe for detecting copper(II) with high selectivity and sensitivity and its biological imaging applications. <i>Chemical Communications</i> , 2011, 47, 7755.	4.1	176
597	A tumor mRNA-dependent gold nanoparticle "molecular beacon carrier for controlled drug release and intracellular imaging. <i>Chemical Communications</i> , 2011, 47, 7458.	4.1	64
598	A near-infrared reversible fluorescent probe for peroxynitrite and imaging of redox cycles in living cells. <i>Chemical Communications</i> , 2011, 47, 9468.	4.1	109
599	Electrokinetic gated injection-based microfluidic system for quantitative analysis of hydrogen peroxide in individual HepG2 cells. <i>Lab on A Chip</i> , 2011, 11, 1144.	6.0	25
600	Effect of gold nanoparticles on glutathione depletion-induced hydrogen peroxide generation and apoptosis in HL7702 cells. <i>Toxicology Letters</i> , 2011, 205, 86-95.	0.8	105
601	Control of the aggregation behavior of silver nanoparticles in polyurethane matrix. <i>Journal of Nanoparticle Research</i> , 2011, 13, 5289-5299.	1.9	14
602	A near-infrared fluorescent probe for fluorine ions and its application in the imaging of HepG2 cells. <i>Science Bulletin</i> , 2011, 56, 3260.	1.7	10
603	A Highly Selective, Cell-Permeable Fluorescent Nanoprobe for Ratiometric Detection and Imaging of Peroxynitrite in Living Cells. <i>Chemistry - A European Journal</i> , 2011, 17, 6626-6634.	3.3	69
604	A New Ratiometric Fluorescent Probe for Detection of Fe <sup>2+</sup> with High Sensitivity and Its Intracellular Imaging Applications. <i>Chemistry - A European Journal</i> , 2011, 17, 10520-10523.	3.3	104
605	A New Highly Selective and Sensitive Assay for Fluorescence Imaging of <sup>•</sup> OH in Living Cells: Effectively Avoiding the Interference of Peroxynitrite. <i>Chemistry - A European Journal</i> , 2010, 16, 1834-1840.	3.3	82
606	Study of Highly Selective and Efficient Thiol Derivatization Using Selenium Reagents by Mass Spectrometry. <i>Analytical Chemistry</i> , 2010, 82, 6926-6932.	6.5	73
607	Use of Selenium to Detect Mercury in Water and Cells: An Enhancement of the Sensitivity and Specificity of a Seleno Fluorescent Probe. <i>Chemistry - A European Journal</i> , 2009, 15, 3147-3151.	3.3	73
608	Rapid determination of superoxide free radical in hepatocellular carcinoma cells by MCE with LIF. <i>Electrophoresis</i> , 2009, 30, 1077-1083.	2.4	10
609	Catalytic kinetic methods for photometric or fluorometric determination of heavy metal ions. <i>Mikrochimica Acta</i> , 2009, 164, 311-336.	5.0	27
610	Sulfonate-based fluorescent probes for imaging hydrogen peroxide in living cells. <i>Science in China Series B: Chemistry</i> , 2009, 52, 734-740.	0.8	13
611	Simultaneous Determination of Superoxide and Hydrogen Peroxide in Macrophage RAW 264.7 Cell Extracts by Microchip Electrophoresis with Laser-Induced Fluorescence Detection. <i>Analytical Chemistry</i> , 2009, 81, 2193-2198.	6.5	56
612	A fast-response, highly sensitive and specific organoselenium fluorescent probe for thiols and its application in bioimaging. <i>Chemical Communications</i> , 2009, , 5293.	4.1	107

#	ARTICLE	IF	CITATIONS
613	A Near-Infrared Neutral pH Fluorescent Probe for Monitoring Minor pH Changes: Imaging in Living HepG2 and HL-7702 Cells. <i>Journal of the American Chemical Society</i> , 2009, 131, 3016-3023.	13.7	444
614	Multifunctional Core-Shell Nanoparticles as Highly Efficient Imaging and Photosensitizing Agents. <i>Langmuir</i> , 2009, 25, 10153-10158.	3.5	88
615	Hierarchical assembly of CdTe nanotubes and nanowires at water-oil interface. <i>Journal of Materials Chemistry</i> , 2009, 19, 3027.	6.7	14
616	A Sensitive and Selective Near-Infrared Fluorescent Probe for Mercuric Ions and Its Biological Imaging Applications. <i>ChemBioChem</i> , 2008, 9, 1159-1164.	2.6	64
617	Probing Hydroxyl Radicals and Their Imaging in Living Cells by Use of FAM-DNA-Au Nanoparticles. <i>Chemistry - A European Journal</i> , 2008, 14, 522-528.	3.3	59
618	A New Nanobiosensor for Glucose with High Sensitivity and Selectivity in Serum Based on Fluorescence Resonance Energy Transfer (FRET) between CdTe Quantum Dots and Au Nanoparticles. <i>Chemistry - A European Journal</i> , 2008, 14, 3637-3644.	3.3	261
619	A novel metallobridged bis( $\beta$ -cyclodextrin)s fluorescent probe for the determination of glutathione. <i>FEBS Journal</i> , 2008, 275, 1510-1517.	4.7	18
620	A Rhodamine-Based Fluorescent Probe Containing a Se-N Bond for Detecting Thiols and Its Application in Living Cells. <i>Journal of the American Chemical Society</i> , 2007, 129, 11666-11667.	13.7	381
621	Synthesis and Characterization of Wavelength-Tunable, Water-Soluble, and Near-Infrared-Emitting CdHgTe Nanorods. <i>Chemistry of Materials</i> , 2007, 19, 1212-1214.	6.7	56
622	A Phosphinate-Based Red Fluorescent Probe for Imaging the Superoxide Radical Anion Generated by RAW264.7 Macrophages. <i>ChemBioChem</i> , 2007, 8, 453-458.	2.6	68
623	Design of a Phosphinate-Based Fluorescent Probe for Superoxide Detection in Mouse Peritoneal Macrophages. <i>Chemistry - A European Journal</i> , 2007, 13, 1411-1416.	3.3	93
624	Selective detection of superoxide anion radicals generated from macrophages by using a novel fluorescent probe. <i>FEBS Journal</i> , 2007, 274, 1725-1733.	4.7	69
625	A dual near-infrared pH fluorescent probe and its application in imaging of HepG2 cells. <i>Chemical Communications</i> , 2007, , 3726.	4.1	96
626	Determination of trace rhodium by supramolecular catalytic kinetic spectrofluorimetry of $\beta$ -CD-rhodium-KBrO <sub>3</sub> -vanillin salicylhydrazone. <i>Mikrochimica Acta</i> , 2007, 158, 165-171.	5.0	6
627	Highly sensitive and selective near-infrared fluorescent probe for zinc and its application to macrophage cells. <i>Chemical Communications</i> , 2006, , 3609.	4.1	111
628	Facile Route to $\gamma$ -FeOOH and $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> Nanorods and Magnetic Property of $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> Nanorods. <i>Inorganic Chemistry</i> , 2006, 45, 5196-5200.	4.0	239
629	Synthesis and characterization of a novel cross-linking complex of $\beta$ -cyclodextrin-o-vanillin furfuralhydrazone and highly selective spectrofluorimetric determination of trace gallium. <i>Talanta</i> , 2006, 68, 575-580.	5.5	32
630	FIA near-infrared spectrofluorimetric trace determination of hydrogen peroxide using tricarbocyanine dye (Cy.7.Cl) and horseradish peroxidase (HRP). <i>Talanta</i> , 2006, 68, 876-882.	5.5	54

#	ARTICLE	IF	CITATIONS
631	Highly sensitive and selective spectrofluorimetric determination of tolnaftate through the formation of ternary inclusion complex of $\beta$ -naphthol/ $\beta$ -cyclodextrin/anionic surfactant system. <i>Talanta</i> , 2006, 69, 113-120.	5.5	29
632	Synthesis of ethylenediamine linked $\beta$ -cyclodextrin dimer and its analytical application for tranilast determination by spectrofluorimetry. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 3947-3952.	3.0	9
633	Studies on the oxidation reaction of tyrosine (Tyr) with H <sub>2</sub> O <sub>2</sub> catalyzed by horseradish peroxidase (HRP) in alcohol-water medium by spectrofluorimetry and differential spectrophotometry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 63, 609-613.	3.9	34
634	Determination of trace platinum by supramolecular catalytic kinetic spectrofluorimetry of $\beta$ -cyclodextrin-platinum-KBrO <sub>3</sub> -salicylaldehyde furfuralhydrazone. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 769-773.	3.7	5
635	Facile and Selected-Control Synthesis of $\beta$ -MnO <sub>2</sub> Nanorods and Their Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 2313-2317.	2.0	40
636	Novel dandelion-like beta-manganese dioxide microstructures and their magnetic properties. <i>Nanotechnology</i> , 2006, 17, 947-951.	2.6	41
637	Flow injection spectrofluorimetric study of the supramolecular interaction between $\beta$ -cyclodextrin and dequalinium chloride and its analytical application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 2203-2209.	3.9	13
638	Flow injection kinetic spectrofluorimetric determination of trace amounts of osmium. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 2239-2244.	3.9	14
639	A Facile and Controllable Synthesis of $\gamma$ -Al <sub>2</sub> O <sub>3</sub> Nanostructures without a Surfactant. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4366-4369.	2.0	56
640	Flow Injection Spectrofluorimetric Method for Determination of Chromium(VI) Using Stopped-Flow Technique. <i>Analytical Letters</i> , 2005, 38, 303-315.	1.8	3
641	Determination of Nine Organophosphorus Pesticides in Cereals and Kidney Beans by Capillary Gas Chromatography with Flame Photometric Detection. <i>Journal of Chromatographic Science</i> , 2005, 43, 337-341.	1.4	10
642	A surfactant-free route to single-crystalline CeO <sub>2</sub> nanowires. <i>Chemical Communications</i> , 2005, , 3565.	4.1	86
643	Highly sensitive and selective room-temperature phosphorescence determination of thiabendazole by the supramolecular interaction of thiabendazole/ $\beta$ -cyclodextrin/triton X-100. <i>Analyst</i> , 2005, 130, 1038.	3.5	14
644	Hydrothermal Synthesis of Ultralong and Single-Crystalline Cd(OH) <sub>2</sub> Nanowires Using Alkali Salts as Mineralizers. <i>Inorganic Chemistry</i> , 2005, 44, 2568-2569.	4.0	70
645	Study on the Supramolecular Interaction of Thiabendazole and $\beta$ -Cyclodextrin by Spectrophotometry and Its Analytical Application. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 8452-8459.	5.2	44
646	Determination of the antioxidant capacity of different food natural products with a new developed flow injection spectrofluorimetry detecting hydroxyl radicals. <i>Talanta</i> , 2005, 65, 769-775.	5.5	75
647	Highly luminescent water-soluble CdTe nanowires as fluorescent probe to detect copper(II). <i>Chemical Communications</i> , 2005, , 4184.	4.1	87
648	Studies on the Supramolecular Interaction Between Tetramethrin and $\beta$ -Cyclodextrin by Spectrofluorimetry and Its Analytical Application. <i>Analytical Letters</i> , 2004, 37, 755-766.	1.8	4

#	ARTICLE	IF	CITATIONS
649	Determination of Trace Palladium with Salicyldehyde Furfuralhydrazone (SAFH) by Catalytic Kinetic Spectrofluorimetry. <i>Analytical Letters</i> , 2004, 37, 1219-1231.	1.8	25
650	Flow Injection Spectrofluorimetric Method for the Determination of Cadmium. <i>Mikrochimica Acta</i> , 2004, 148, 71.	5.0	3
651	Study and application of flow injection spectrofluorimetry with a fluorescent probe of 2-(2-pyridil)-benzothiazoline for superoxide anion radicals. <i>Analytical Biochemistry</i> , 2004, 326, 176-182.	2.4	34
652	Simple and rapid catalytic spectrophotometric determination of superoxide anion radical and superoxide dismutase activity in natural medical vegetables using phenol as the substrate for horseradish peroxidase. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 523-528.	3.7	14
653	Synthesis of a novel host molecule of cross-linking-polymeric- $\beta$ -cyclodextrin-o-vanillin furfuralhydrazone and spectrofluorimetric analysis of its identifying cadmium. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 2425-2431.	3.9	10
654	Rapid and sensitive spectrofluorimetric determination of trace amount of Cr(III) with o-vanillin-8-aminoquinoline. <i>Talanta</i> , 2004, 64, 955-960.	5.5	51
655	Catalytic Spectrophotometric Determination of Ascorbic Acid in Tea Drink with 1,5-bis(p-Hydroxybenzaldehyde)thiocarbohydrazone as the Substrate for Horseradish Peroxidase. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 4198-4201.	5.2	11
656	Synthesis and characterization of a novel cross-linking complex of $\beta$ -cyclodextrin-o-vanillin benzoylhydrazone and its selective spectrofluorimetric determination of trace amounts of zinc. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 2519-2526.	3.9	10
657	Spectrofluorimetric determination of both hydrogen peroxide and $\text{HO}_2^-$ in polyethylene glycols (PEGs) using 2-hydroxy-1-naphthaldehyde thiosemicarbazone (HNT) as the substrate for horseradish peroxidase (HRP). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 2867-2874.	3.9	18
658	Determination of the Hydroperoxil Group Level in Polyethylene Glycols Using a Novel Mimic Enzyme Fe(III)-Mn(II)(HNAPS) <sub>2</sub> . <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 1761-1764.	5.2	1
659	Simple, Rapid, and Sensitive Spectrofluorimetric Determination of Zaleplon in Micellar Medium. <i>Analytical Letters</i> , 2003, 36, 2985-2997.	1.8	24
660	KINETIC-SPECTROFLUORIMETRIC DETERMINATION OF TRACE AMOUNTS OF OSMIUM. <i>Analytical Letters</i> , 2002, 35, 517-532.	1.8	13
661	Study on the Supramolecular Interaction of Curcumin and $\beta$ -cyclodextrin by Spectrophotometry and Its Analytical Application. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 1355-1361.	5.2	177
662	Kinetic-spectrofluorimetric determination of trace amounts of iridium. <i>Talanta</i> , 2002, 56, 603-611.	5.5	15
663	Spectrofluorimetric study of the $\beta$ -cyclodextrin-rubidate complex and determination of rubidate by $\beta$ -CD-enhanced fluorimetry. <i>Talanta</i> , 2002, 58, 841-848.	5.5	18
664	Spectrofluorimetric determination of hydrogen peroxide with 2-hydroxy-1-naphthaldehyde salicyloylhydrazone (HNSH) as the substrate for horseradish peroxidase (HRP). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2002, 58, 141-148.	3.9	17
665	Catalytic spectrofluorimetric determination of superoxide anion radical and superoxide dismutase activity using N,N-dimethylaniline as the substrate for horseradish peroxidase (HRP). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2002, 58, 2557-2562.	3.9	17
666	SPECTROFLUORIMETRIC DETERMINATION OF MANGANESE AT THE NANOGRAM LEVEL BY CATALYTIC OXIDATION OF 2-HYDROXY-1-NAPHTHALDEHYDE SALICYLOYLHYDRAZONE BY HYDROGEN PEROXIDE. <i>Analytical Letters</i> , 2001, 34, 1353-1368.	1.8	12

#	ARTICLE	IF	CITATIONS
667	Enantioselective Synthesis of Chiral Carboxylic Acids from Alkynes and Formic Acid by Nickel-Catalyzed Cascade Reactions: Facile Synthesis of Profens. <i>Angewandte Chemie</i> , 0, , .	2.0	14
668	S-triggered Schmidt-type rearrangement of vinyl azides to access N-aryl-(trifluoromethylsulfinyl)acetamides. <i>Organic Chemistry Frontiers</i> , 0, , .	4.5	1
669	Amorphous Boron Carbide on Titanium Dioxide Nanobelt Arrays for High-Efficiency Electrocatalytic NO Reduction to NH <sub>3</sub> . <i>Angewandte Chemie</i> , 0, , .	2.0	6
670	An active tumor-targeting organic photochemotherapy agent with naproxen for enhanced cancer therapy. <i>Chemical Communications</i> , 0, , .	4.1	0