

# Jinsong Ren

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5987519/publications.pdf>

Version: 2024-02-01

406  
papers

43,065  
citations

1606

105  
h-index

3021

188  
g-index

419  
all docs

419  
docs citations

419  
times ranked

32737  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanozymes: Classification, Catalytic Mechanisms, Activity Regulation, and Applications. <i>Chemical Reviews</i> , 2019, 119, 4357-4412.	23.0	1,955
2	Graphene Oxide: Intrinsic Peroxidase Catalytic Activity and Its Application to Glucose Detection. <i>Advanced Materials</i> , 2010, 22, 2206-2210.	11.1	1,844
3	Catalytically Active Nanomaterials: A Promising Candidate for Artificial Enzymes. <i>Accounts of Chemical Research</i> , 2014, 47, 1097-1105.	7.6	1,020
4	Nanozyme Decorated Metal-Organic Frameworks for Enhanced Photodynamic Therapy. <i>ACS Nano</i> , 2018, 12, 651-661.	7.3	670
5	Carbon Dots Prepared by Hydrothermal Treatment of Dopamine as an Effective Fluorescent Sensing Platform for the Label-Free Detection of Iron(III) Ions and Dopamine. <i>Chemistry - A European Journal</i> , 2013, 19, 7243-7249.	1.7	632
6	Graphene Quantum Dots-Band-Aids Used for Wound Disinfection. <i>ACS Nano</i> , 2014, 8, 6202-6210.	7.3	628
7	Metal nanoclusters: novel probes for diagnostic and therapeutic applications. <i>Chemical Society Reviews</i> , 2015, 44, 8636-8663.	18.7	621
8	Microwave assisted one-step green synthesis of cell-permeable multicolor photoluminescent carbon dots without surface passivation reagents. <i>Journal of Materials Chemistry</i> , 2011, 21, 2445.	6.7	608
9	Sequence and Structural Selectivity of Nucleic Acid Binding Ligands. <i>Biochemistry</i> , 1999, 38, 16067-16075.	1.2	523
10	Bifunctionalized Mesoporous Silica-Supported Gold Nanoparticles: Intrinsic Oxidase and Peroxidase Catalytic Activities for Antibacterial Applications. <i>Advanced Materials</i> , 2015, 27, 1097-1104.	11.1	511
11	Label-Free Colorimetric Detection of Single Nucleotide Polymorphism by Using Single-Walled Carbon Nanotube Intrinsic Peroxidase-Like Activity. <i>Chemistry - A European Journal</i> , 2010, 16, 3617-3621.	1.7	484
12	Using Graphene Oxide High Near-Infrared Absorbance for Photothermal Treatment of Alzheimer's Disease. <i>Advanced Materials</i> , 2012, 24, 1722-1728.	11.1	477
13	Biomimetic nanoflowers by self-assembly of nanozymes to induce intracellular oxidative damage against hypoxic tumors. <i>Nature Communications</i> , 2018, 9, 3334.	5.8	464
14	A graphene functionalized electrochemical aptasensor for selective label-free detection of cancer cells. <i>Biomaterials</i> , 2011, 32, 2930-2937.	5.7	458
15	Incorporating Graphene Oxide and Gold Nanoclusters: A Synergistic Catalyst with Surprisingly High Peroxidase-Like Activity Over a Broad pH Range and its Application for Cancer Cell Detection. <i>Advanced Materials</i> , 2013, 25, 2594-2599.	11.1	441
16	Carbon Nanozymes: Enzymatic Properties, Catalytic Mechanism, and Applications. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9224-9237.	7.2	424
17	Bioinspired Construction of a Nanozyme-Based H <sub>2</sub> O <sub>2</sub> Homeostasis Disruptor for Intensive Chemodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2020, 142, 5177-5183.	6.6	409
18	Copper(II)-Graphitic Carbon Nitride Triggered Synergy: Improved ROS Generation and Reduced Glutathione Levels for Enhanced Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11467-11471.	7.2	396

#	ARTICLE	IF	CITATIONS
19	Near-Infrared Light-Triggered, Targeted Drug Delivery to Cancer Cells by Aptamer Gated Nanovehicles. <i>Advanced Materials</i> , 2012, 24, 2890-2895.	11.1	388
20	Deciphering a Nanocarbon-Based Artificial Peroxidase: Chemical Identification of the Catalytically Active and Substrate-Binding Sites on Graphene Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7176-7180.	7.2	380
21	Nano-Gold as Artificial Enzymes: Hidden Talents. <i>Advanced Materials</i> , 2014, 26, 4200-4217.	11.1	378
22	Two-Dimensional Metal-Organic Framework/Enzyme Hybrid Nanocatalyst as a Benign and Self-Activated Cascade Reagent for <i>in Vivo</i> Wound Healing. <i>ACS Nano</i> , 2019, 13, 5222-5230.	7.3	356
23	Enzyme Mimicry for Combating Bacteria and Biofilms. <i>Accounts of Chemical Research</i> , 2018, 51, 789-799.	7.6	347
24	Erythrocyte Membrane Cloaked Metal-Organic Framework Nanoparticle as Biomimetic Nanoreactor for Starvation-Activated Colon Cancer Therapy. <i>ACS Nano</i> , 2018, 12, 10201-10211.	7.3	332
25	Self-Assembly of Multi-Enzymes to Mimic an Intracellular Antioxidant Defense System. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6646-6650.	7.2	330
26	Recent advances in bioapplications of C-dots. <i>Carbon</i> , 2015, 85, 309-327.	5.4	328
27	Activation of biologically relevant levels of reactive oxygen species by Au/g-C <sub>3</sub> N <sub>4</sub> hybrid nanozyme for bacteria killing and wound disinfection. <i>Biomaterials</i> , 2017, 113, 145-157.	5.7	318
28	Polyvalent Nucleic Acid/Mesoporous Silica Nanoparticle Conjugates: Dual Stimuli-Responsive Vehicles for Intracellular Drug Delivery. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 882-886.	7.2	305
29	Hydrophobic Anticancer Drug Delivery by a 980 nm Laser-Driven Photothermal Vehicle for Efficient Synergistic Therapy of Cancer Cells <i>In Vivo</i> . <i>Advanced Materials</i> , 2013, 25, 4452-4458.	11.1	298
30	Energetics of DNA Intercalation Reactions. <i>Biochemistry</i> , 2000, 39, 8439-8447.	1.2	272
31	Electrochemical detection of dopamine using porphyrin-functionalized graphene. <i>Biosensors and Bioelectronics</i> , 2012, 34, 57-62.	5.3	256
32	Carboxyl-modified single-walled carbon nanotubes selectively induce human telomeric i-motif formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19658-19663.	3.3	248
33	A dual fluorometric and colorimetric sensor for dopamine based on BSA-stabilized Au nanoclusters. <i>Biosensors and Bioelectronics</i> , 2013, 42, 41-46.	5.3	248
34	Defect-Rich Adhesive Nanozymes as Efficient Antibiotics for Enhanced Bacterial Inhibition. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16236-16242.	7.2	246
35	Light Controlled Reversible Inversion of Nanophosphor-Stabilized Pickering Emulsions for Biphasic Enantioselective Biocatalysis. <i>Journal of the American Chemical Society</i> , 2014, 136, 7498-7504.	6.6	240
36	Ag Nanoparticle-decorated graphene quantum dots for label-free, rapid and sensitive detection of Ag <sup>+</sup> and biothiols. <i>Chemical Communications</i> , 2013, 49, 1079.	2.2	227

#	ARTICLE	IF	CITATIONS
37	Improvement of Photoluminescence of Graphene Quantum Dots with a Biocompatible Photochemical Reduction Pathway and Its Bioimaging Application. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 1174-1179.	4.0	224
38	Multicolor luminescent carbon nanoparticles: Synthesis, supramolecular assembly with porphyrin, intrinsic peroxidase-like catalytic activity and applications. <i>Nano Research</i> , 2011, 4, 908-920.	5.8	215
39	Construction of Nanozyme-Hydrogel for Enhanced Capture and Elimination of Bacteria. <i>Advanced Functional Materials</i> , 2019, 29, 1900518.	7.8	213
40	Mesoporous silica-encapsulated gold nanoparticles as artificial enzymes for self-activated cascade catalysis. <i>Biomaterials</i> , 2013, 34, 2600-2610.	5.7	212
41	Highly Photoluminescent Amino-Functionalized Graphene Quantum Dots Used for Sensing Copper Ions. <i>Chemistry - A European Journal</i> , 2013, 19, 13362-13368.	1.7	211
42	Metal-Organic Framework-Based Vaccine Platforms for Enhanced Systemic Immune and Memory Response. <i>Advanced Functional Materials</i> , 2016, 26, 6454-6461.	7.8	210
43	Silver nanoprobe for sensitive and selective colorimetric detection of dopamine via robust Ag-catechol interaction. <i>Chemical Communications</i> , 2011, 47, 1181-1183.	2.2	209
44	Polyoxometalates as Inhibitors of the Aggregation of Amyloid $\beta$ Peptides Associated with Alzheimer's Disease. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4184-4188.	7.2	208
45	A series of MOF/Ce-based nanozymes with dual enzyme-like activity disrupting biofilms and hindering recolonization of bacteria. <i>Biomaterials</i> , 2019, 208, 21-31.	5.7	208
46	3D Graphene Oxide-Polymer Hydrogel: Near-Infrared Light-Triggered Active Scaffold for Reversible Cell Capture and On-Demand Release. <i>Advanced Materials</i> , 2013, 25, 6737-6743.	11.1	204
47	Transition-metal-substituted polyoxometalate derivatives as functional anti-amyloid agents for Alzheimer's disease. <i>Nature Communications</i> , 2014, 5, 3422.	5.8	204
48	Nature-Inspired Construction of MOF@COF Nanozyme with Active Sites in Tailored Microenvironment and Pseudopodia-Like Surface for Enhanced Bacterial Inhibition. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3469-3474.	7.2	203
49	Programmed Bacteria Death Induced by Carbon Dots with Different Surface Charge. <i>Small</i> , 2016, 12, 4713-4718.	5.2	202
50	Non-Enzymatic-Browning-Reaction: A Versatile Route for Production of Nitrogen-Doped Carbon Dots with Tunable Multicolor Luminescent Display. <i>Scientific Reports</i> , 2014, 4, 3564.	1.6	201
51	Bacterial Hyaluronidase Self-Triggered Prodrug Release for Chemo-Photothermal Synergistic Treatment of Bacterial Infection. <i>Small</i> , 2016, 12, 6200-6206.	5.2	200
52	An Enzyme-Mimicking Single-Atom Catalyst as an Efficient Multiple Reactive Oxygen and Nitrogen Species Scavenger for Sepsis Management. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5108-5115.	7.2	200
53	Unraveling the Enzymatic Activity of Oxygenated Carbon Nanotubes and Their Application in the Treatment of Bacterial Infections. <i>Nano Letters</i> , 2018, 18, 3344-3351.	4.5	199
54	Manganese Dioxide Nanozymes as Responsive Cytoprotective Shells for Individual Living Cell Encapsulation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13661-13665.	7.2	196

#	ARTICLE	IF	CITATIONS
55	Near-Infrared Upconversion Controls Photocaged Cell Adhesion. <i>Journal of the American Chemical Society</i> , 2014, 136, 2248-2251.	6.6	192
56	An Efficient and Benign Antimicrobial Depot Based on Silver-Infused MoS <sub>2</sub> . <i>ACS Nano</i> , 2017, 11, 4651-4659.	7.3	191
57	Modulating DNA-templated silver nanoclusters for fluorescence turn-on detection of thiol compounds. <i>Chemical Communications</i> , 2011, 47, 3487.	2.2	189
58	Stimuli-responsive controlled-release system using quadruplex DNA-capped silica nanocontainers. <i>Nucleic Acids Research</i> , 2011, 39, 1638-1644.	6.5	186
59	Immunostimulatory oligonucleotides-loaded cationic graphene oxide with photothermally enhanced immunogenicity for photothermal/immune cancer therapy. <i>Biomaterials</i> , 2014, 35, 9963-9971.	5.7	182
60	Chiral metallo-supramolecular complexes selectively recognize human telomeric G-quadruplex DNA. <i>Nucleic Acids Research</i> , 2008, 36, 5695-5703.	6.5	181
61	A Simple, Universal Colorimetric Assay for Endonuclease/Methyltransferase Activity and Inhibition Based on an Enzyme-Responsive Nanoparticle System. <i>ACS Nano</i> , 2009, 3, 1183-1189.	7.3	181
62	Silver-Infused Porphyrinic Metal-Organic Framework: Surface-Adaptive, On-Demand Nanoplatform for Synergistic Bacteria Killing and Wound Disinfection. <i>Advanced Functional Materials</i> , 2019, 29, 1808594.	7.8	181
63	Visible-light-driven enhanced antibacterial and biofilm elimination activity of graphitic carbon nitride by embedded Ag nanoparticles. <i>Nano Research</i> , 2015, 8, 1648-1658.	5.8	179
64	Porphyrin MOF Dots-Based, Function-Adaptive Nanoplatform for Enhanced Penetration and Photodynamic Eradication of Bacterial Biofilms. <i>Advanced Functional Materials</i> , 2019, 29, 1903018.	7.8	175
65	Long-circulating Er <sup>3+</sup> -doped Yb <sub>2</sub> O <sub>3</sub> up-conversion nanoparticle as an in vivo X-Ray CT imaging contrast agent. <i>Biomaterials</i> , 2012, 33, 6748-6757.	5.7	171
66	Nanoceria-Triggered Synergetic Drug Release Based on CeO <sub>2</sub> -Capped Mesoporous Silica Host-Guest Interactions and Switchable Enzymatic Activity and Cellular Effects of CeO <sub>2</sub> . <i>Advanced Healthcare Materials</i> , 2013, 2, 1591-1599.	3.9	168
67	A multi-stimuli responsive gold nanocage-hyaluronic platform for targeted photothermal and chemotherapy. <i>Biomaterials</i> , 2014, 35, 9678-9688.	5.7	167
68	Bioresponsive Hyaluronic Acid-Capped Mesoporous Silica Nanoparticles for Targeted Drug Delivery. <i>Chemistry - A European Journal</i> , 2013, 19, 1778-1783.	1.7	161
69	Nucleobases, nucleosides, and nucleotides: versatile biomolecules for generating functional nanomaterials. <i>Chemical Society Reviews</i> , 2018, 47, 1285-1306.	18.7	159
70	A label-free fluorescent turn-on enzymatic amplification assay for DNA detection using ligand-responsive G-quadruplex formation. <i>Chemical Communications</i> , 2011, 47, 5461-5463.	2.2	157
71	DNA metallization: principles, methods, structures, and applications. <i>Chemical Society Reviews</i> , 2018, 47, 4017-4072.	18.7	156
72	A Biocompatible Heterogeneous MOF-Cu Catalyst for In Vivo Drug Synthesis in Targeted Subcellular Organelles. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6987-6992.	7.2	156

#	ARTICLE	IF	CITATIONS
73	A Reusable DNA Single-Walled Carbon Nanotube-Based Fluorescent Sensor for Highly Sensitive and Selective Detection of Ag <sup>+</sup> and Cysteine in Aqueous Solutions. <i>Chemistry - A European Journal</i> , 2010, 16, 8147-8154.	1.7	153
74	Luminescent Carbon Dot-Gated Nanovehicles for pH-Triggered Intracellular Controlled Release and Imaging. <i>Langmuir</i> , 2013, 29, 6396-6403.	1.6	153
75	Ionic liquids as precursors for highly luminescent, surface-different nitrogen-doped carbon dots used for label-free detection of Cu <sup>2+</sup> /Fe <sup>3+</sup> and cell imaging. <i>Analytica Chimica Acta</i> , 2014, 809, 128-133.	2.6	152
76	Heterogeneous Assembled Nanocomplexes for Ratiometric Detection of Highly Reactive Oxygen Species <i>in Vitro</i> and <i>in Vivo</i> . <i>ACS Nano</i> , 2014, 8, 6014-6023.	7.3	151
77	Visualizing Human Telomerase Activity with Primer-Modified Au Nanoparticles. <i>Small</i> , 2012, 8, 259-264.	5.2	148
78	Long-circulating Gd <sub>2</sub> O <sub>3</sub> :Yb <sup>3+</sup> , Er <sup>3+</sup> up-conversion nanoprobe as high-performance contrast agents for multi-modality imaging. <i>Biomaterials</i> , 2013, 34, 1712-1721.	5.7	146
79	Insights into the biomedical effects of carboxylated single-wall carbon nanotubes on telomerase and telomeres. <i>Nature Communications</i> , 2012, 3, 1074.	5.8	145
80	Ceria/POMs hybrid nanoparticles as a mimicking metallopeptidase for treatment of neurotoxicity of amyloid- $\beta^2$ peptide. <i>Biomaterials</i> , 2016, 98, 92-102.	5.7	145
81	Label-Free Ultrasensitive Detection of Human Telomerase Activity Using Porphyrin-Functionalized Graphene and Electrochemiluminescence Technique. <i>Advanced Materials</i> , 2012, 24, 2447-2452.	11.1	143
82	Self-assembly of an organic-inorganic hybrid nanoflower as an efficient biomimetic catalyst for self-activated tandem reactions. <i>Chemical Communications</i> , 2015, 51, 4386-4389.	2.2	143
83	Chiral Metallohelical Complexes Enantioselectively Target Amyloid $\beta^2$ for Treating Alzheimer's Disease. <i>Journal of the American Chemical Society</i> , 2014, 136, 11655-11663.	6.6	142
84	DNA/Ligand/Ion-Based Ensemble for Fluorescence Turn on Detection of Cysteine and Histidine with Tunable Dynamic Range. <i>Analytical Chemistry</i> , 2010, 82, 8211-8216.	3.2	139
85	Liberation of Copper from Amyloid Plaques: Making a Risk Factor Useful for Alzheimer's Disease Treatment. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 9146-9155.	2.9	137
86	Detection of a Prognostic Indicator in Early-Stage Cancer Using Functionalized Graphene-Based Peptide Sensors. <i>Advanced Materials</i> , 2012, 24, 125-131.	11.1	136
87	Designed heterogeneous palladium catalysts for reversible light-controlled bioorthogonal catalysis in living cells. <i>Nature Communications</i> , 2018, 9, 1209.	5.8	136
88	Cerium oxide caged metal chelator: anti-aggregation and anti-oxidation integrated H <sub>2</sub> O <sub>2</sub> -responsive controlled drug release for potential Alzheimer's disease treatment. <i>Chemical Science</i> , 2013, 4, 2536.	3.7	133
89	Carbon Nanomaterials and DNA: from Molecular Recognition to Applications. <i>Accounts of Chemical Research</i> , 2016, 49, 461-470.	7.6	132
90	Engineered, self-assembled near-infrared photothermal agents for combined tumor immunotherapy and chemo-photothermal therapy. <i>Biomaterials</i> , 2014, 35, 6646-6656.	5.7	131

#	ARTICLE	IF	CITATIONS
91	Ultrasensitive and Selective Detection of a Prognostic Indicator in Early-Stage Cancer Using Graphene Oxide and Carbon Nanotubes. <i>Advanced Functional Materials</i> , 2010, 20, 3967-3971.	7.8	130
92	Tumor Microenvironment Activated Photothermal Strategy for Precisely Controlled Ablation of Solid Tumors upon NIR Irradiation. <i>Advanced Functional Materials</i> , 2015, 25, 1574-1580.	7.8	129
93	Natural DNA-Modified Graphene/Pd Nanoparticles as Highly Active Catalyst for Formic Acid Electro-Oxidation and for the Suzuki Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 5001-5009.	4.0	128
94	Combination of Graphene Oxide and Thiol-Activated DNA Metallization for Sensitive Fluorescence Turn-On Detection of Cysteine and Their Use for Logic Gate Operations. <i>Advanced Functional Materials</i> , 2011, 21, 4565-4572.	7.8	127
95	Gold-Nanoparticle-Based Multifunctional Amyloid $\beta$ Inhibitor against Alzheimer's Disease. <i>Chemistry - A European Journal</i> , 2015, 21, 829-835.	1.7	127
96	Targeting Human Telomeric Higher-Order DNA: Dimeric G-Quadruplex Units Serve as Preferred Binding Site. <i>Journal of the American Chemical Society</i> , 2013, 135, 18786-18789.	6.6	123
97	Polypyrrole nanoparticles as promising enzyme mimics for sensitive hydrogen peroxide detection. <i>Chemical Communications</i> , 2014, 50, 3030-3032.	2.2	122
98	Design of Surface-Active Artificial Enzyme Particles to Stabilize Pickering Emulsions for High-Performance Biphasic Biocatalysis. <i>Advanced Materials</i> , 2016, 28, 1682-1688.	11.1	121
99	Targeting RNA G-Quadruplex in SARS-CoV-2: A Promising Therapeutic Target for COVID-19?. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 432-438.	7.2	120
100	MOF-encapsulated nanozyme enhanced siRNA combo: Control neural stem cell differentiation and ameliorate cognitive impairments in Alzheimer's disease model. <i>Biomaterials</i> , 2020, 255, 120160.	5.7	118
101	i-Motif Quadruplex DNA-Based Biosensor for Distinguishing Single- and Multiwalled Carbon Nanotubes. <i>Journal of the American Chemical Society</i> , 2009, 131, 13813-13818.	6.6	117
102	Biomineralization inspired surface engineering of nanocarriers for pH-responsive, targeted drug delivery. <i>Biomaterials</i> , 2013, 34, 1364-1371.	5.7	117
103	Multiconfigurable Logic Gates Based on Fluorescence Switching in Adaptive Coordination Polymer Nanoparticles. <i>Advanced Materials</i> , 2014, 26, 1111-1117.	11.1	115
104	Manipulating cell fate: dynamic control of cell behaviors on functional platforms. <i>Chemical Society Reviews</i> , 2018, 47, 8639-8684.	18.7	115
105	Nature-Inspired Construction of MOF@COF Nanozyme with Active Sites in Tailored Microenvironment and Pseudopodia-Like Surface for Enhanced Bacterial Inhibition. <i>Angewandte Chemie</i> , 2021, 133, 3511-3516.	1.6	112
106	Noninvasive and Reversible Cell Adhesion and Detachment via Single-Wavelength Near-Infrared Laser Mediated Photoisomerization. <i>Journal of the American Chemical Society</i> , 2015, 137, 8199-8205.	6.6	111
107	Hyaluronic Acid-Templated Ag Nanoparticles/Graphene Oxide Composites for Synergistic Therapy of Bacteria Infection. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 19717-19724.	4.0	110
108	Renal-Clearable Porphyrinic Metal-Organic Framework Nanodots for Enhanced Photodynamic Therapy. <i>ACS Nano</i> , 2019, 13, 9206-9217.	7.3	110

#	ARTICLE	IF	CITATIONS
109	Self-Propelled Active Photothermal Nanoswimmer for Deep-Layered Elimination of Biofilm In Vivo. Nano Letters, 2020, 20, 7350-7358.	4.5	108
110	Self-assembled, functionalized graphene and DNA as a universal platform for colorimetric assays. Biomaterials, 2013, 34, 4810-4817.	5.7	107
111	Near-Infrared and pH-Responsive System for Reversible Cell Adhesion using Graphene/Gold Nanorods Functionalized with Motif DNA. Angewandte Chemie - International Edition, 2013, 52, 6726-6730.	7.2	107
112	Molecular recognition of nucleic acids: Coralyne binds strongly to poly(A). FEBS Letters, 2005, 579, 5035-5039.	1.3	106
113	Multifunctional upconverting nanoparticles for near-infrared triggered and synergistic antibacterial resistance therapy. Chemical Communications, 2014, 50, 10488-10490.	2.2	106
114	Nucleoside Triphosphates as Promoters to Enhance Nanoceria Enzyme-Like Activity and for Single-Nucleotide Polymorphism Typing. Advanced Functional Materials, 2014, 24, 1624-1630.	7.8	105
115	DNA-mediated Construction of Hollow Upconversion Nanoparticles for Protein Harvesting and Near-Infrared Light Triggered Release. Advanced Materials, 2014, 26, 2424-2430.	11.1	104
116	Ionic Liquid as an Efficient Modulator on Artificial Enzyme System: Toward the Realization of High-Temperature Catalytic Reactions. Journal of the American Chemical Society, 2013, 135, 4207-4210.	6.6	102
117	A Smart Nanoassembly for Multistage Targeted Drug Delivery and Magnetic Resonance Imaging. Advanced Functional Materials, 2014, 24, 3612-3620.	7.8	102
118	Individual Surface-Engineered Microorganisms as Robust Pickering Interfacial Biocatalysts for Resistance-Minimized Phase-Transfer Bioconversion. Angewandte Chemie - International Edition, 2015, 54, 4904-4908.	7.2	101
119	Renal-clearable ultrasmall covalent organic framework nanodots as photodynamic agents for effective cancer therapy. Biomaterials, 2019, 223, 119462.	5.7	101
120	Engineered CpG-Antigen Conjugates Protected Gold Nanoclusters as Smart Self-Vaccines for Enhanced Immune Response and Cell Imaging. Advanced Functional Materials, 2014, 24, 1004-1010.	7.8	99
121	Synthesis of Fluorinated and Nonfluorinated Graphene Quantum Dots through a New Top-Down Strategy for Long-Time Cellular Imaging. Chemistry - A European Journal, 2015, 21, 3791-3797.	1.7	99
122	An efficient nano-based theranostic system for multi-modal imaging-guided photothermal sterilization in gastrointestinal tract. Biomaterials, 2015, 56, 206-218.	5.7	98
123	Self-Assembled Peptide-Polyoxometalate Hybrid Nanospheres: Two in One Enhances Targeted Inhibition of Amyloid- $\beta$ Peptide Aggregation Associated with Alzheimer's Disease. Small, 2013, 9, 3455-3461.	5.2	97
124	Polyoxometalate-based nanozyme: Design of a multifunctional enzyme for multi-faceted treatment of Alzheimer's disease. Nano Research, 2016, 9, 1079-1090.	5.8	96
125	Self-Protecting Biomimetic Nanozyme for Selective and Synergistic Clearance of Peripheral Amyloid- $\beta$ in an Alzheimer's Disease Model. Journal of the American Chemical Society, 2020, 142, 21702-21711.	6.6	96
126	Nanocomposite Incorporating $V_2O_5$ Nanowires and Gold Nanoparticles for Mimicking an Enzyme Cascade Reaction and Its Application in the Detection of Biomolecules. Chemistry - A European Journal, 2014, 20, 7501-7506.	1.7	95



#	ARTICLE	IF	CITATIONS
127	Near-Infrared Light-Triggered Drug-Delivery Vehicle for Mitochondria-Targeted Chemo-Photothermal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 4364-4370.	4.0	95
128	Upconversion nanoprobe for efficiently in vitro imaging reactive oxygen species and in vivo diagnosing rheumatoid arthritis. <i>Biomaterials</i> , 2015, 39, 15-22.	5.7	95
129	Copper(II)-Graphitic Carbon Nitride Triggered Synergy: Improved ROS Generation and Reduced Glutathione Levels for Enhanced Photodynamic Therapy. <i>Angewandte Chemie</i> , 2016, 128, 11639-11643.	1.6	95
130	Ultrasensitive and Selective Detection of a Prognostic Indicator in Early-Stage Cancer Using Graphene Oxide and Carbon Nanotubes. <i>Advanced Functional Materials</i> , 2010, 20, 3966-3966.	7.8	94
131	Using Thermally Regenerable Cerium Oxide Nanoparticles in Biocomputing to Perform Label-free, Resettable, and Colorimetric Logic Operations. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12579-12583.	7.2	93
132	Spatiotemporal control of cell-cell reversible interactions using molecular engineering. <i>Nature Communications</i> , 2016, 7, 13088.	5.8	93
133	Encapsulation of aggregated gold nanoclusters in a metal-organic framework for real-time monitoring of drug release. <i>Nanoscale</i> , 2017, 9, 4128-4134.	2.8	93
134	Near-Infrared Switchable Fullerene-Based Synergy Therapy for Alzheimer's Disease. <i>Small</i> , 2018, 14, e1801852.	5.2	93
135	Specific Oxygenated Groups Enriched Graphene Quantum Dots as Highly Efficient Enzyme Mimics. <i>Small</i> , 2018, 14, e1703710.	5.2	92
136	Nanozyme as Artificial Receptor with Multiple Readouts for Pattern Recognition. <i>Analytical Chemistry</i> , 2018, 90, 11775-11779.	3.2	92
137	Photomodulated Nanozyme Used for a Gram-Selective Antimicrobial. <i>Chemistry of Materials</i> , 2018, 30, 7027-7033.	3.2	92
138	Recognition and regulation of unique nucleic acid structures by small molecules. <i>Chemical Communications</i> , 2010, 46, 7283.	2.2	91
139	Ultrasensitive Nanozymes Isolated within Porous Carbonaceous Frameworks for Synergistic Cancer Therapy: Enhanced Oxidative Damage and Reduced Energy Supply. <i>Chemistry of Materials</i> , 2018, 30, 7831-7839.	3.2	91
140	Mesoporous Encapsulated Chiral Nanogold for Use in Enantioselective Reactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16791-16795.	7.2	91
141	Nucleic Acids and Smart Materials: Advanced Building Blocks for Logic Systems. <i>Advanced Materials</i> , 2014, 26, 5742-5757.	11.1	89
142	Glutathione Depletion in a Benign Manner by MoS <sub>2</sub> -Based Nanoflowers for Enhanced Hypoxia-irrelevant Free Radical-Based Cancer Therapy. <i>Small</i> , 2019, 15, e1904870.	5.2	89
143	A Smart "Sense-Act-Treat" System: Combining a Ratiometric pH Sensor with a Near Infrared Therapeutic Gold Nanocage. <i>Advanced Materials</i> , 2014, 26, 6635-6641.	11.1	88
144	Chirality-Selected Chemical Modulation of Amyloid Aggregation. <i>Journal of the American Chemical Society</i> , 2019, 141, 6915-6921.	6.6	87

#	ARTICLE	IF	CITATIONS
145	Combating Biofilm Associated Infection In Vivo: Integration of Quorum Sensing Inhibition and Photodynamic Treatment based on Multidrug Delivered Hollow Carbon Nitride Sphere. <i>Advanced Functional Materials</i> , 2019, 29, 1808222.	7.8	87
146	Miniaturization of Metal-Biomolecule Frameworks Based on Stereoselective Self-Assembly and Potential Application in Water Treatment and as Antibacterial Agents. <i>Chemistry - A European Journal</i> , 2012, 18, 4322-4328.	1.7	86
147	A Lactamase-Imprinted Responsive Hydrogel for the Treatment of Antibiotic-Resistant Bacteria. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8049-8053.	7.2	86
148	Current Strategies for Modulating Al <sup>3+</sup> Aggregation with Multifunctional Agents. <i>Accounts of Chemical Research</i> , 2021, 54, 2172-2184.	7.6	86
149	Site-Specific DNA-Programmed Growth of Fluorescent and Functional Silver Nanoclusters. <i>Chemistry - A European Journal</i> , 2011, 17, 3774-3780.	1.7	85
150	A Multi-Synergistic Platform for Sequential Irradiation-Activated High-Performance Apoptotic Cancer Therapy. <i>Advanced Functional Materials</i> , 2014, 24, 522-529.	7.8	85
151	Mussel Byssus-Like Reversible Metal-Chelated Supramolecular Complex Used for Dynamic Cellular Surface Engineering and Imaging. <i>Advanced Functional Materials</i> , 2015, 25, 3775-3784.	7.8	85
152	A GO-Se nanocomposite as an antioxidant nanozyme for cytoprotection. <i>Chemical Communications</i> , 2017, 53, 3082-3085.	2.2	84
153	Constructing metal-organic framework nanodots as bio-inspired artificial superoxide dismutase for alleviating endotoxemia. <i>Materials Horizons</i> , 2019, 6, 1682-1687.	6.4	84
154	Self-Adaptive Single-Atom Catalyst Boosting Selective Ferroptosis in Tumor Cells. <i>ACS Nano</i> , 2022, 16, 855-868.	7.3	84
155	Near-infrared absorbing mesoporous carbon nanoparticle as an intelligent drug carrier for dual-triggered synergistic cancer therapy. <i>Carbon</i> , 2015, 82, 479-488.	5.4	83
156	A NIR-controlled cage mimicking system for hydrophobic drug mediated cancer therapy. <i>Biomaterials</i> , 2017, 139, 151-162.	5.7	83
157	A Smart Nanoparticle-Laden and Remote-Controlled Self-Destructive Macrophage for Enhanced Chemo/Chemodynamic Synergistic Therapy. <i>ACS Nano</i> , 2020, 14, 13894-13904.	7.3	83
158	Chemically exfoliated WS <sub>2</sub> nanosheets efficiently inhibit amyloid $\beta$ -peptide aggregation and can be used for photothermal treatment of Alzheimer's disease. <i>Nano Research</i> , 2015, 8, 3216-3227.	5.8	82
159	Colorimetric Band-aids for Point-of-Care Sensing and Treating Bacterial Infection. <i>ACS Central Science</i> , 2020, 6, 207-212.	5.3	81
160	A Metabolic Multistage Glutathione Depletion Used for Tumor-Specific Chemodynamic Therapy. <i>ACS Nano</i> , 2022, 16, 4228-4238.	7.3	81
161	Self-Assembly of Multi-nanozymes to Mimic an Intracellular Antioxidant Defense System. <i>Angewandte Chemie</i> , 2016, 128, 6758-6762.	1.6	80
162	Toward site-specific, homogeneous and highly stable fluorescent silver nanoclusters fabrication on triplex DNA scaffolds. <i>Nucleic Acids Research</i> , 2012, 40, e122-e122.	6.5	79

#	ARTICLE	IF	CITATIONS
163	A Quadruplex-Based, Label-Free, and Real-Time Fluorescence Assay for RNaseH Activity and Inhibition. <i>Chemistry - A European Journal</i> , 2010, 16, 2605-2610.	1.7	78
164	DNA-templated silver nanoclusters-graphene oxide nanohybrid materials: a platform for label-free and sensitive fluorescence turn-on detection of multiple nucleic acid targets. <i>Analyst</i> , 2012, 137, 2588.	1.7	78
165	A graphitic hollow carbon nitride nanosphere as a novel photochemical internalization agent for targeted and stimuli-responsive cancer therapy. <i>Nanoscale</i> , 2016, 8, 12570-12578.	2.8	78
166	A Biocompatible Second Near-Infrared Nanozyme for Spatiotemporal and Non-Invasive Attenuation of Amyloid Deposition through Scalp and Skull. <i>ACS Nano</i> , 2020, 14, 9894-9903.	7.3	78
167	A Bimetallic Metal-Organic Framework Encapsulated with DNAzyme for Intracellular Drug Synthesis and Self-Sufficient Gene Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12431-12437.	7.2	78
168	Metal-Organic Framework-Based Nanoplatfor for Intracellular Environment-Responsive Endo/Lysosomal Escape and Enhanced Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 31998-32005.	4.0	77
169	Aptamer-Capped Multifunctional Mesoporous Strontium Hydroxyapatite Nanovehicle for Cancer-Cell-Responsive Drug Delivery and Imaging. <i>Biomacromolecules</i> , 2012, 13, 4257-4263.	2.6	76
170	Lighting up left-handed Z-DNA: photoluminescent carbon dots induce DNA B to Z transition and perform DNA logic operations. <i>Nucleic Acids Research</i> , 2013, 41, 7987-7996.	6.5	76
171	Upconverting Nanoparticles with a Mesoporous TiO <sub>2</sub> Shell for Near-Infrared-Triggered Drug Delivery and Synergistic Targeted Cancer Therapy. <i>Chemistry - A European Journal</i> , 2014, 20, 14012-14017.	1.7	76
172	New Insights in Amyloid Beta Interactions with Human Telomerase. <i>Journal of the American Chemical Society</i> , 2015, 137, 1213-1219.	6.6	76
173	Positional assembly of hemin and gold nanoparticles in graphene-mesoporous silica nanohybrids for tandem catalysis. <i>Chemical Science</i> , 2015, 6, 1272-1276.	3.7	75
174	Depriving Bacterial Adhesion-Related Molecule to Inhibit Biofilm Formation Using CeO <sub>2</sub> -Decorated Metal-Organic Frameworks. <i>Small</i> , 2019, 15, e1902522.	5.2	74
175	Reduced Graphene Oxide Functionalized with a Luminescent Rare-Earth Complex for the Tracking and Photothermal Killing of Drug-Resistant Bacteria. <i>Chemistry - A European Journal</i> , 2014, 20, 394-398.	1.7	73
176	How functional groups influence the ROS generation and cytotoxicity of graphene quantum dots. <i>Chemical Communications</i> , 2017, 53, 10588-10591.	2.2	73
177	Using Multifunctional Peptide Conjugated Au Nanorods for Monitoring $\beta$ -amyloid Aggregation and Chemo-Photothermal Treatment of Alzheimer's Disease. <i>Theranostics</i> , 2017, 7, 2996-3006.	4.6	73
178	Gold Nanocage-Based Dual Responsive $\alpha$ -Caged Metal Chelator-Release System: Noninvasive Remote Control with Near Infrared for Potential Treatment of Alzheimer's Disease. <i>Advanced Functional Materials</i> , 2013, 23, 5412-5419.	7.8	72
179	Neutrophil-Membrane-Directed Bioorthogonal Synthesis of Inflammation-Targeting Chiral Drugs. <i>Chem</i> , 2020, 6, 2060-2072.	5.8	72
180	Tiny telomere DNA. <i>Nucleic Acids Research</i> , 2002, 30, 2307-2315.	6.5	71

#	ARTICLE	IF	CITATIONS
181	A simple and sensitive colorimetric pH meter based on DNA conformational switch and gold nanoparticle aggregation. <i>Chemical Communications</i> , 2008, , 6149.	2.2	71
182	Direct visualization of gastrointestinal tract with lanthanide-doped BaYbF <sub>5</sub> upconversion nanoprobe. <i>Biomaterials</i> , 2013, 34, 7444-7452.	5.7	70
183	Stereoselective Nanozyme Based on Ceria Nanoparticles Engineered with Amino Acids. <i>Chemistry - A European Journal</i> , 2017, 23, 18146-18150.	1.7	69
184	Bioinspired Design of Fe <sup>3+</sup> -Doped Mesoporous Carbon Nanospheres for Enhanced Nanozyme Activity. <i>Chemistry - A European Journal</i> , 2018, 24, 7259-7263.	1.7	69
185	DNA-based logic gates operating as a biomolecular security device. <i>Chemical Communications</i> , 2011, 47, 6024.	2.2	68
186	Light-Mediated Reversible Modulation of ROS Level in Living Cells by Using an Activity-Controllable Nanozyme. <i>Small</i> , 2017, 13, 1603051.	5.2	68
187	Parsing free energies of drug-DNA interactions. <i>Methods in Enzymology</i> , 2000, 323, 373-405.	0.4	67
188	Chiral detection using reusable fluorescent amylose-functionalized graphene. <i>Chemical Science</i> , 2011, 2, 2050.	3.7	67
189	Versatile Logic Devices Based on Programmable DNA-Regulated Silver Nanocluster Signal Transducers. <i>Chemistry - A European Journal</i> , 2012, 18, 6663-6669.	1.7	67
190	Ultrasensitive Telomerase Activity Detection in Circulating Tumor Cells Based on DNA Metallization and Sharp Solid-State Electrochemical Techniques. <i>Advanced Functional Materials</i> , 2014, 24, 2727-2733.	7.8	67
191	Near-Infrared Light Dual-Promoted Heterogeneous Copper Nanocatalyst for Highly Efficient Bioorthogonal Chemistry <i>in Vivo</i> . <i>ACS Nano</i> , 2020, 14, 4178-4187.	7.3	67
192	Stereochemistry and amyloid inhibition: Asymmetric triplex metallohelices enantioselectively bind to A $\beta$ peptide. <i>Science Advances</i> , 2018, 4, eaao6718.	4.7	66
193	Near-Infrared Activated Black Phosphorus as a Nontoxic Photo-Oxidant for Alzheimer's Amyloid $\beta$ Peptide. <i>Small</i> , 2019, 15, e1901116.	5.2	66
194	DNA-Templated Silver Nanoparticles as a Platform for Highly Sensitive and Selective Fluorescence Turn-On Detection of Dopamine. <i>Small</i> , 2011, 7, 1557-1561.	5.2	65
195	Metallosupramolecular complex targeting an $\beta$ 2 discordant stretch of amyloid $\beta$ peptide. <i>Chemical Science</i> , 2012, 3, 3145.	3.7	65
196	Facile preparation of metal-organic frameworks-based hydrophobic anticancer drug delivery nanoplatfor for targeted and enhanced cancer treatment. <i>Talanta</i> , 2019, 194, 703-708.	2.9	65
197	DNA Loop Sequence as the Determinant for Chiral Supramolecular Compound G-Quadruplex Selectivity. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 492-498.	2.9	62
198	NIR-Hydrogen Bonded Organic Frameworks (HOFs) Used for Target-Specific Amyloid $\beta$ Photooxygenation in an Alzheimer's Disease Model. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	62

#	ARTICLE	IF	CITATIONS
199	Array-Based Sensing of Proteins and Bacteria By Using Multiple Luminescent Nanodots as Fluorescent Probes. <i>Small</i> , 2014, 10, 3667-3671.	5.2	61
200	One-step nucleotide-programmed growth of porous upconversion nanoparticles: application to cell labeling and drug delivery. <i>Nanoscale</i> , 2014, 6, 1445-1452.	2.8	60
201	A chiral covalent organic framework (COF) nanozyme with ultrahigh enzymatic activity. <i>Materials Horizons</i> , 2020, 7, 3291-3297.	6.4	60
202	Hybrid mesoporous gadolinium oxide nanorods: a platform for multimodal imaging and enhanced insoluble anticancer drug delivery with low systemic toxicity. <i>Journal of Materials Chemistry</i> , 2012, 22, 14982.	6.7	59
203	Reduced Graphene Oxide Upconversion Nanoparticle Hybrid for Electrochemiluminescent Sensing of a Prognostic Indicator in Early-Stage Cancer. <i>Small</i> , 2014, 10, 330-336.	5.2	59
204	Time-Dependent DNA Condensation Induced by Amyloid $\beta$ -Peptide. <i>Biophysical Journal</i> , 2007, 92, 185-191.	0.2	58
205	Metal-Organic Frameworks Harness Cu Chelating and Photooxidation Against Amyloid $\beta$ Aggregation in Vivo. <i>Chemistry - A European Journal</i> , 2019, 25, 3489-3495.	1.7	58
206	Artificial Light-Harvesting Material Based on Self-Assembly of Coordination Polymer Nanoparticles. <i>Advanced Functional Materials</i> , 2014, 24, 4549-4555.	7.8	57
207	Highly stable and reusable imprinted artificial antibody used for in situ detection and disinfection of pathogens. <i>Chemical Science</i> , 2015, 6, 2822-2826.	3.7	57
208	Metallo-supramolecular Complexes Enantioselectively Eradicate Cancer Stem Cells in Vivo. <i>Journal of the American Chemical Society</i> , 2017, 139, 16201-16209.	6.6	57
209	The recent biological applications of selenium-based nanomaterials. <i>Nano Today</i> , 2021, 38, 101205.	6.2	57
210	Chiral Metallo-Supramolecular Complexes Selectively Induce Human Telomeric G-Quadruplex Formation under Salt-Deficient Conditions. <i>Chemistry - A European Journal</i> , 2011, 17, 8209-8215.	1.7	56
211	Photosensitizer-incorporated G-quadruplex DNA-functionalized magnetofluorescent nanoparticles for targeted magnetic resonance/fluorescence multimodal imaging and subsequent photodynamic therapy of cancer. <i>Chemical Communications</i> , 2012, 48, 6556.	2.2	55
212	G-Quartet-Based Nanostructure for Mimicking Light-Harvesting Antenna. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 892-896.	7.2	55
213	Versatile Dual Photoresponsive System for Precise Control of Chemical Reactions. <i>ACS Nano</i> , 2017, 11, 7770-7780.	7.3	55
214	Transmutation of Personal Glucose Meters into Portable and Highly Sensitive Microbial Pathogen Detection Platform. <i>Small</i> , 2015, 11, 4970-4975.	5.2	54
215	Nucleic-acid-programmed Ag-nanoclusters as a generic platform for visualization of latent fingerprints and exogenous substances. <i>Chemical Communications</i> , 2016, 52, 557-560.	2.2	54
216	Phenol-like group functionalized graphene quantum dots structurally mimicking natural antioxidants for highly efficient acute kidney injury treatment. <i>Chemical Science</i> , 2020, 11, 12721-12730.	3.7	54

#	ARTICLE	IF	CITATIONS
217	DNA-mediated biomineralization of rare-earth nanoparticles for simultaneous imaging and stimuli-responsive drug delivery. <i>Biomaterials</i> , 2014, 35, 8694-8702.	5.7	53
218	Label-free ratiometric electrochemical detection of the mutated apolipoprotein E gene associated with Alzheimer's disease. <i>Chemical Communications</i> , 2016, 52, 12080-12083.	2.2	53
219	Biological Mediator-Propelled Nanosweeper for Nonpharmaceutical Thrombus Therapy. <i>ACS Nano</i> , 2021, 15, 6604-6613.	7.3	53
220	Exonuclease-aided amplification for label-free and fluorescence turn-on DNA detection based on aggregation-induced quenching. <i>Chemical Communications</i> , 2012, 48, 11662.	2.2	52
221	Artificial Metalloenzyme-Based Enzyme Replacement Therapy for the Treatment of Hyperuricemia. <i>Advanced Functional Materials</i> , 2016, 26, 7921-7928.	7.8	51
222	Point-of-Care Identification of Bacteria Using Protein-Encapsulated Gold Nanoclusters. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701370.	3.9	51
223	Selenium-Based Nanozyme as Biomimetic Antioxidant Machinery. <i>Chemistry - A European Journal</i> , 2018, 24, 10224-10230.	1.7	51
224	Redox-Activated Near-Infrared-Responsive Polyoxometalates Used for Photothermal Treatment of Alzheimer's Disease. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800320.	3.9	51
225	A Nature-Inspired Metal-Organic Framework Discriminator for Differential Diagnosis of Cancer Cell Subtypes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15436-15444.	7.2	51
226	Inhibition of metal-induced amyloid aggregation using light-responsive magnetic nanoparticle prochelator conjugates. <i>Chemical Science</i> , 2012, 3, 868-873.	3.7	50
227	Magnetic Self-Assembled Zeolite Clusters for Sensitive Detection and Rapid Removal of Mercury(II). <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 431-437.	4.0	50
228	Metal-organic-framework-supported immunostimulatory oligonucleotides for enhanced immune response and imaging. <i>Chemical Communications</i> , 2017, 53, 1840-1843.	2.2	50
229	G-Quadruplex binding enantiomers show chiral selective interactions with human telomere. <i>Nucleic Acids Research</i> , 2014, 42, 3792-3802.	6.5	49
230	Artificial tongue based on metal-biomolecule coordination polymer nanoparticles. <i>Chemical Communications</i> , 2016, 52, 3410-3413.	2.2	49
231	Synergistic eradication of antibiotic-resistant bacteria based biofilms in vivo using a NIR-sensitive nanoplatform. <i>Chemical Communications</i> , 2016, 52, 5312-5315.	2.2	49
232	DNA-based platform for efficient and precisely targeted bioorthogonal catalysis in living systems. <i>Nature Communications</i> , 2022, 13, 1459.	5.8	49
233	Alzheimer's disease amyloid beta converting left-handed Z-DNA back to right-handed B-form. <i>Chemical Communications</i> , 2010, 46, 7187.	2.2	48
234	A bifunctional nanomodulator for boosting CpG-mediated cancer immunotherapy. <i>Nanoscale</i> , 2017, 9, 14236-14247.	2.8	48

#	ARTICLE	IF	CITATIONS
235	Tumor-activatable ultrasmall nanozyme generator for enhanced penetration and deep catalytic therapy. <i>Biomaterials</i> , 2020, 258, 120263.	5.7	48
236	Molecular Recognition of Basic Fibroblast Growth Factor by Polyoxometalates. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4048-4052.	7.2	46
237	Novel electrochemiluminescence of silver nanoclusters fabricated on triplex DNA scaffolds for label-free detection of biothiols. <i>Biosensors and Bioelectronics</i> , 2017, 98, 378-385.	5.3	46
238	Photocontrolled Multidirectional Differentiation of Mesenchymal Stem Cells on an Upconversion Substrate. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11182-11187.	7.2	46
239	A graphene-based chemical nose/tongue approach for the identification of normal, cancerous and circulating tumor cells. <i>NPG Asia Materials</i> , 2017, 9, e356-e356.	3.8	45
240	Gold nanocluster-based vaccines for dual-delivery of antigens and immunostimulatory oligonucleotides. <i>Nanoscale</i> , 2015, 7, 12419-12426.	2.8	44
241	Design of a plasmonic micromotor for enhanced photo-remediation of polluted anaerobic stagnant waters. <i>Chemical Communications</i> , 2016, 52, 5550-5553.	2.2	44
242	Mirror-Image Dependence: Targeting Enantiomeric G-Quadruplex DNA Using Triplex Metallohelicenes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15723-15727.	7.2	44
243	Self-triggered click reaction in an Alzheimer's disease model: <i>in situ</i> bifunctional drug synthesis catalyzed by neurotoxic copper accumulated in amyloid- $\beta$ plaques. <i>Chemical Science</i> , 2019, 10, 10343-10350.	3.7	44
244	Cell membrane-camouflaged liposomes for tumor cell-selective glycans engineering and imaging in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	44
245	Hydrogel-based artificial enzyme for combating bacteria and accelerating wound healing. <i>Nano Research</i> , 2020, 13, 496-502.	5.8	43
246	Different Hydration Changes Accompanying Copper and Zinc Binding to Amyloid $\beta$ -Peptide: Water Contribution to Metal Binding. <i>ChemBioChem</i> , 2008, 9, 879-882.	1.3	42
247	Incorporating ATP into biomimetic catalysts for realizing exceptional enzymatic performance over a broad temperature range. <i>NPG Asia Materials</i> , 2014, 6, e114-e114.	3.8	42
248	Artificial Evolution of Graphene Oxide Chemzyme with Enantioselectivity and Near-Infrared Photothermal Effect for Cascade Biocatalysis Reactions. <i>Small</i> , 2014, 10, 1841-1847.	5.2	42
249	A Sense-and-Treat-Hydrogel Used for Treatment of Bacterial Infection on the Solid Matrix. <i>Small</i> , 2015, 11, 5540-5544.	5.2	42
250	Chiral metallohelicenes enantioselectively target hybrid human telomeric G-quadruplex DNA. <i>Nucleic Acids Research</i> , 2017, 45, 5026-5035.	6.5	42
251	Near-Infrared Light-Encoded Orthogonally Triggered and Logical Intracellular Release Using Gold Nanocage@Smart Polymer Shell. <i>Advanced Functional Materials</i> , 2014, 24, 826-834.	7.8	41
252	Hydrogen-producing hyperthermophilic bacteria synthesized size-controllable fine gold nanoparticles with excellence for eradicating biofilm and antibacterial applications. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4602-4609.	2.9	41

#	ARTICLE	IF	CITATIONS
253	Hydrogen-Bonded Organic Framework (HOF)-Based Single-Neural Stem Cell Encapsulation and Transplantation to Remodel Impaired Neural Networks. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	41
254	Logic gates and pH sensing devices based on a supramolecular telomere DNA/conjugated polymer system. <i>Molecular BioSystems</i> , 2010, 6, 1928.	2.9	40
255	DNA-templated ensemble for label-free and real-time fluorescence turn-on detection of enzymatic/oxidative cleavage of single-stranded DNA. <i>Chemical Communications</i> , 2011, 47, 8133.	2.2	40
256	Silver metallization engineered conformational switch of G-quadruplex for fluorescence turn-on detection of biothiols. <i>Chemical Communications</i> , 2012, 48, 11428.	2.2	39
257	Functionalized graphene as sensitive electrochemical label in target-dependent linkage of split aptasensor for dual detection. <i>Biosensors and Bioelectronics</i> , 2014, 62, 52-58.	5.3	39
258	Deciphering a Nanocarbon-Based Artificial Peroxidase: Chemical Identification of the Catalytically Active and Substrate-Binding Sites on Graphene Quantum Dots. <i>Angewandte Chemie</i> , 2015, 127, 7282-7286.	1.6	39
259	Single-layer tungsten oxide as intelligent photo-responsive nanoagents for permanent male sterilization. <i>Biomaterials</i> , 2015, 69, 56-64.	5.7	39
260	A H <sub>2</sub> O <sub>2</sub> -free depot for treating bacterial infection: localized cascade reactions to eradicate biofilms <i>in vivo</i> . <i>Nanoscale</i> , 2018, 10, 17656-17662.	2.8	39
261	A Biocompatible Heterogeneous MOF-Cu Catalyst for In Vivo Drug Synthesis in Targeted Subcellular Organelles. <i>Angewandte Chemie</i> , 2019, 131, 7061-7066.	1.6	39
262	A general and eco-friendly self-etching route to prepare highly active and stable Au@metal silicate yolk-shell nanoreactors for catalytic reduction of 4-nitrophenol. <i>CrystEngComm</i> , 2013, 15, 6329.	1.3	38
263	Nucleic acid-mesoporous silica nanoparticle conjugates for keypad lock security operation. <i>Chemical Communications</i> , 2013, 49, 2305.	2.2	37
264	One-step DNA-programmed growth of CpG conjugated silver nanoclusters: a potential platform for simultaneous enhanced immune response and cell imaging. <i>Chemical Communications</i> , 2013, 49, 6918.	2.2	37
265	A label-free ratiometric electrochemical DNA sensor for monitoring intracellular redox homeostasis. <i>Chemical Communications</i> , 2017, 53, 6215-6218.	2.2	37
266	Ultrasensitive magnetic resonance imaging of systemic reactive oxygen species <i>in vivo</i> for early diagnosis of sepsis using activatable nanoprobe. <i>Chemical Science</i> , 2019, 10, 3770-3778.	3.7	37
267	Target-driven supramolecular self-assembly for selective amyloid- $\beta^2$ photooxygenation against Alzheimer's disease. <i>Chemical Science</i> , 2020, 11, 11003-11008.	3.7	37
268	Metal-mediated fabrication of new functional G-quartet-based supramolecular nanostructure and potential application as controlled drug release system. <i>Chemical Science</i> , 2011, 2, 1356.	3.7	36
269	pH-controlled reversible drug binding and release using a cytosine-rich hairpin DNA. <i>Chemical Communications</i> , 2011, 47, 8043.	2.2	35
270	Electrically pulsatile responsive drug delivery platform for treatment of Alzheimer's disease. <i>Nano Research</i> , 2015, 8, 2400-2414.	5.8	35



#	ARTICLE	IF	CITATIONS
271	Cell-Imprinted Antimicrobial Bionanomaterials with Tolerable Toxic Side Effects. <i>Small</i> , 2015, 11, 1258-1264.	5.2	34
272	Host-guest recognition on photo-responsive cell surfaces directs cell-cell contacts. <i>Materials Today</i> , 2017, 20, 16-21.	8.3	34
273	A Near-Infrared Responsive Drug Sequential Release System for Better Eradicating Amyloid Aggregates. <i>Small</i> , 2017, 13, 1701817.	5.2	34
274	An Enzyme-Mimicking Single-Atom Catalyst as an Efficient Multiple Reactive Oxygen and Nitrogen Species Scavenger for Sepsis Management. <i>Angewandte Chemie</i> , 2020, 132, 5146-5153.	1.6	34
275	Hierarchical magnetic core-shell nanoarchitectures: non-linker reagent synthetic route and applications in a biomolecule separation system. <i>Journal of Materials Chemistry</i> , 2012, 22, 2935-2942.	6.7	33
276	Plug and Play Logic Gates Based on Fluorescence Switching Regulated by Self-Assembly of Nucleotide and Lanthanide Ions. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 9557-9562.	4.0	33
277	An ultrathin graphitic carbon nitride nanosheet: a novel inhibitor of metal-induced amyloid aggregation associated with Alzheimer's disease. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4072-4075.	2.9	33
278	Platinum-coordinated graphitic carbon nitride nanosheet used for targeted inhibition of amyloid $\beta$ -peptide aggregation. <i>Nano Research</i> , 2016, 9, 2411-2423.	5.8	33
279	Coupling a DNA-ligand ensemble with Ag cluster formation for the label-free and ratiometric detection of intracellular biothiols. <i>Chemical Communications</i> , 2016, 52, 5167-5170.	2.2	33
280	Nucleic acid-driven aggregation-induced emission of Au nanoclusters for visualizing telomerase activity in living cells and <i>in vivo</i> . <i>Materials Horizons</i> , 2021, 8, 1769-1775.	6.4	33
281	A Pt-nanoparticle electrocatalytic assay used for PCR-free sensitive telomerase detection. <i>Chemical Communications</i> , 2013, 49, 9986.	2.2	32
282	Opposing enantiomers of tartaric acid anchored on a surface generate different insulin assemblies and hence contrasting cellular responses. <i>Chemical Science</i> , 2014, 5, 4367-4374.	3.7	32
283	Non-toxic lead sulfide nanodots as efficient contrast agents for visualizing gastrointestinal tract. <i>Biomaterials</i> , 2016, 100, 17-26.	5.7	32
284	Nucleic acid-templated functional nanocomposites for biomedical applications. <i>Materials Today</i> , 2017, 20, 179-190.	8.3	32
285	A Sequential Target-Responsive Nanocarrier with Enhanced Tumor Penetration and Neighboring Effect In Vivo. <i>Small</i> , 2019, 15, e1903323.	5.2	32
286	Luminescent Rare-Earth Complex Covalently Modified Single-Walled Carbon Nanotubes: Design, Synthesis, and DNA Sequence-Dependent Red Luminescence Enhancement. <i>Chemistry of Materials</i> , 2010, 22, 5718-5724.	3.2	31
287	Aggregation-induced emission-active Au nanoclusters for ratiometric sensing and bioimaging of highly reactive oxygen species. <i>Chemical Communications</i> , 2019, 55, 15097-15100.	2.2	31
288	NB-506, an indolocarbazole topoisomerase I inhibitor, binds preferentially to triplex DNA. <i>FEBS Letters</i> , 2000, 470, 355-359.	1.3	30

#	ARTICLE	IF	CITATIONS
289	Small-Molecule Selectively Recognizes Human Telomeric G-Quadruplex DNA and Regulates Its Conformational Switch. <i>Biophysical Journal</i> , 2009, 97, 2014-2023.	0.2	30
290	A CuS-based chemical tongue chip for pattern recognition of proteins and antibiotic-resistant bacteria. <i>Chemical Communications</i> , 2015, 51, 2675-2678.	2.2	30
291	A MXene-derived redox homeostasis regulator perturbs the Nrf2 antioxidant program for reinforced sonodynamic therapy. <i>Chemical Science</i> , 2022, 13, 6704-6714.	3.7	30
292	Multivalued Logic Gates Based on DNA. <i>Chemistry - A European Journal</i> , 2011, 17, 9590-9594.	1.7	29
293	Endogenous signalling control of cell adhesion by using aptamer functionalized biocompatible hydrogel. <i>Chemical Science</i> , 2015, 6, 6762-6768.	3.7	29
294	DNA-Regulated Upconverting Nanoparticle Signal Transducers for Multivalued Logic Operation. <i>Small</i> , 2014, 10, 1500-1503.	5.2	28
295	Electrochemically and DNA-triggered cell release from ferrocene/ $\beta$ -cyclodextrin and aptamer modified dualfunctionalized graphene substrate. <i>Nano Research</i> , 2015, 8, 887-899.	5.8	28
296	Phytochemical-encapsulated nanopatform for $\alpha$ - $\alpha$ -demand synergistic treatment of multidrug-resistant bacteria. <i>Nano Research</i> , 2018, 11, 3762-3770.	5.8	28
297	Graphitic carbon nitride nanosheets as a multifunctional nanopatform for photochemical internalization-enhanced photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7908-7915.	2.9	28
298	G-quadruplex DNA regulates invertible circularly polarized luminescence. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13947-13952.	2.7	28
299	A mesoporous encapsulated nanozyme for decontaminating two kinds of wastewater and avoiding secondary pollution. <i>Nanoscale</i> , 2020, 12, 14465-14471.	2.8	28
300	Highly sensitive and selective detection of thiol-containing biomolecules using DNA-templated silver deposition. <i>Biosensors and Bioelectronics</i> , 2011, 28, 339-343.	5.3	27
301	Lanthanide-based hollow mesoporous nanoparticles: a novel multifunctional platform for simultaneous gene delivery and cell imaging. <i>Chemical Communications</i> , 2013, 49, 7129.	2.2	27
302	Antibody Mimics as Bio-orthogonal Catalysts for Highly Selective Bacterial Recognition and Antimicrobial Therapy. <i>ACS Nano</i> , 2021, 15, 15841-15849.	7.3	27
303	NIR-Responsive Upconversion Nanoparticles Stimulate Neurite Outgrowth in PC12 Cells. <i>Small</i> , 2014, 10, 3655-3661.	5.2	26
304	Site-Directed Chemical Modification of Amyloid by Polyoxometalates for Inhibition of Protein Misfolding and Aggregation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	26
305	A general approach using spiroborate reversible cross-linked Au nanoparticles for visual high-throughput screening of chiral vicinal diols. <i>Chemical Science</i> , 2013, 4, 1156.	3.7	25
306	Near infrared-caged $\alpha$ -amino acids multifunctional assembly for simultaneously eradicating biofilms and bacteria. <i>Chemical Communications</i> , 2015, 51, 12677-12679.	2.2	25

#	ARTICLE	IF	CITATIONS
307	Rationally Designed CeNP@MnMoS <sub>4</sub> Core-Shell Nanoparticles for Modulating Multiple Facets of Alzheimer's Disease. <i>Chemistry - A European Journal</i> , 2016, 22, 14523-14526.	1.7	25
308	<i>N</i> -Methyl Mesoporphyrin IX as an Effective Probe for Monitoring Alzheimer's Disease $\beta$ -Amyloid Aggregation in Living Cells. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1299-1304.	1.7	25
309	A DNA-Based Label-Free Artificial Tongue for Pattern Recognition of Metal Ions. <i>Chemistry - A European Journal</i> , 2017, 23, 9258-9261.	1.7	25
310	A Near-Infrared-Controllable Artificial Metalloprotease Used for Degrading Amyloid $\beta$ Monomers and Aggregates. <i>Chemistry - A European Journal</i> , 2019, 25, 11852-11858.	1.7	25
311	Tumor associated macrophages reprogrammed by targeted bifunctional bioorthogonal nanozymes for enhanced tumor immunotherapy. <i>Materials Today</i> , 2022, 56, 16-28.	8.3	25
312	Nucleotide-Based Assemblies for Green Synthesis of Silver Nanoparticles with Controlled Localized Surface Plasmon Resonances and Their Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 9929-9937.	4.0	24
313	Biomolecule-templated photochemical synthesis of silver nanoparticles: Multiple readouts of localized surface plasmon resonance for pattern recognition. <i>Nano Research</i> , 2018, 11, 3213-3221.	5.8	24
314	Easy access to selective binding and recyclable separation of histidine-tagged proteins using Ni <sup>2+</sup> -decorated superparamagnetic nanoparticles. <i>Nano Research</i> , 2012, 5, 450-459.	5.8	23
315	Aptamer-Directed Synthesis of Multifunctional Lanthanide-Doped Porous Nanoprobes for Targeted Imaging and Drug Delivery. <i>Small</i> , 2013, 9, 4262-4268.	5.2	23
316	Self-Assembly and Compartmentalization of Nanozymes in Mesoporous Silica-Based Nanoreactors. <i>Chemistry - A European Journal</i> , 2016, 22, 5705-5711.	1.7	23
317	Cross-fibrillation of insulin and amyloid $\beta$ on chiral surfaces: Chirality affects aggregation kinetics and cytotoxicity. <i>Nano Research</i> , 2018, 11, 4102-4110.	5.8	23
318	Fluorescent Protein Capped Mesoporous Nanoparticles for Intracellular Drug Delivery and Imaging. <i>Chemistry - A European Journal</i> , 2013, 19, 15378-15383.	1.7	22
319	Combination Delivery of Antigens and CpG by Lanthanide-Based Core-Shell Nanoparticles for Enhanced Immune Response and Dual-Mode Imaging. <i>Advanced Healthcare Materials</i> , 2013, 2, 1309-1313.	3.9	22
320	Carbon Monoxide Controllable Targeted Gas Therapy for Synergistic Anti-inflammation. <i>IScience</i> , 2020, 23, 101483.	1.9	22
321	Metallization of plasmid DNA for efficient gene delivery. <i>Chemical Communications</i> , 2013, 49, 9791.	2.2	21
322	Enzyme-regulated the changes of pH values for assembling a colorimetric and multistage interconnection logic network with multiple readouts. <i>Analytica Chimica Acta</i> , 2015, 870, 92-98.	2.6	21
323	Immobilization of enzyme on chiral polyelectrolyte surface. <i>Analytica Chimica Acta</i> , 2017, 952, 88-95.	2.6	21
324	Kohlenstoff-Nanozyme: Enzymatische Eigenschaften, Katalysemechanismen und Anwendungen. <i>Angewandte Chemie</i> , 2018, 130, 9366-9379.	1.6	21

#	ARTICLE	IF	CITATIONS
325	Rational design of a sense and treat system to target amyloid aggregates related to Alzheimer's disease. <i>Nano Research</i> , 2018, 11, 1987-1997.	5.8	21
326	Mirror-Image Dependence: Targeting Enantiomeric Quadruplex DNA Using Triplex Metallohelices. <i>Angewandte Chemie</i> , 2018, 130, 15949-15953.	1.6	21
327	Right-/left-handed helical G-quartet nanostructures with full-color and energy transfer circularly polarized luminescence. <i>Chemical Communications</i> , 2020, 56, 7706-7709.	2.2	21
328	Remote and reversible control of in vivo bacteria clustering by NIR-driven multivalent upconverting nanosystems. <i>Biomaterials</i> , 2019, 217, 119310.	5.7	20
329	Construction of a chiral artificial enzyme used for enantioselective catalysis in live cells. <i>Chemical Science</i> , 2020, 11, 11344-11350.	3.7	20
330	A Lactamase-Imprinted Responsive Hydrogel for the Treatment of Antibiotic-Resistant Bacteria. <i>Angewandte Chemie</i> , 2016, 128, 8181-8185.	1.6	19
331	Remodeling Macrophages by an Iron Nanotrap for Tumor Growth Suppression. <i>ACS Nano</i> , 2021, 15, 19298-19309.	7.3	19
332	Bio-Inspired Bimetallic Enzyme Mimics as Bio-Orthogonal Catalysts for Enhanced Bacterial Capture and Inhibition. <i>Chemistry of Materials</i> , 2021, 33, 8052-8058.	3.2	18
333	Enantioselective targeting left-handed Z-G-quadruplex. <i>Chemical Communications</i> , 2016, 52, 1365-1368.	2.2	17
334	Metal-Ion-Activated DNAzymes Used for Regulation of Telomerase Activity in Living Cells. <i>Chemistry - A European Journal</i> , 2017, 23, 11226-11229.	1.7	17
335	Near-infrared target enhanced peripheral clearance of amyloid- $\beta$ in Alzheimer's disease model. <i>Biomaterials</i> , 2021, 276, 121065.	5.7	17
336	Recent progress in sensor arrays using nucleic acid as sensing elements. <i>Coordination Chemistry Reviews</i> , 2022, 456, 214379.	9.5	17
337	Formaldehyde-Induced Alkylation of a $\beta$ -Aminoglucose Rebeccamycin Derivative to Both A-T and G-C Base Pairs in DNA. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 4711-4720.	2.9	16
338	Target-responsive DNA-capped nanocontainer used for fabricating universal detector and performing logic operations. <i>Nucleic Acids Research</i> , 2014, 42, e160-e160.	6.5	16
339	Artificial Enzyme-based Logic Operations to Mimic an Intracellular Enzyme-participated Redox Balance System. <i>Chemistry - A European Journal</i> , 2017, 23, 9156-9161.	1.7	16
340	Manganese Dioxide Nanozymes as Responsive Cytoprotective Shells for Individual Living Cell Encapsulation. <i>Angewandte Chemie</i> , 2017, 129, 13849-13853.	1.6	16
341	Glycoengineering artificial receptors for microglia to phagocytose $A\beta$ aggregates. <i>Chemical Science</i> , 2021, 12, 4963-4969.	3.7	16
342	Yeast@MOF bioreactor as a tumor metabolic symbiosis disruptor for the potent inhibition of metabolically heterogeneous tumors. <i>Nano Today</i> , 2022, 42, 101331.	6.2	16

#	ARTICLE	IF	CITATIONS
343	Enzyme-directed pH-responsive exfoliation and dispersion of graphene and its decoration by gold nanoparticles for use as a hybrid catalyst. <i>Nano Research</i> , 2013, 6, 693-702.	5.8	15
344	A pH-switched mesoporous nanoreactor for synergetic therapy. <i>Nano Research</i> , 2017, 10, 1651-1661.	5.8	15
345	A reversible DNA-silver nanoclusters-based molecular fluorescence switch and its use for logic gate operation. <i>Molecular BioSystems</i> , 2012, 8, 921.	2.9	14
346	Graphene-Mesoporous Silica-Dispersed Palladium Nanoparticles-Based Probe Carrier Platform for Electrocatalytic Sensing of Telomerase Activity at Less Than Single-Cell Level. <i>Advanced Healthcare Materials</i> , 2014, 3, 588-595.	3.9	14
347	Programmable Downregulation of Enzyme Activity Using a Fever and NIR-Responsive Molecularly Imprinted Nanocomposite. <i>Small</i> , 2015, 11, 6172-6178.	5.2	14
348	An intelligent 1:2 demultiplexer as an intracellular theranostic device based on DNA/Ag cluster-gated nanovehicles. <i>Nanotechnology</i> , 2018, 29, 065501.	1.3	14
349	Mesoporous Encapsulated Chiral Nanogold for Use in Enantioselective Reactions. <i>Angewandte Chemie</i> , 2018, 130, 17033-17037.	1.6	14
350	Fe( $\alpha$ - $\text{C}$ )-Oxidized Graphitic Carbon Nitride Nanosheets as a Sensitive Fluorescent Sensor for Detection and Imaging of Fluoride Ions. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128630.	4.0	14
351	A Bimetallic Metal-Organic Framework Encapsulated with DNAzyme for Intracellular Drug Synthesis and Self-Sufficient Gene Therapy. <i>Angewandte Chemie</i> , 2021, 133, 12539-12545.	1.6	14
352	One-step synthesized immunostimulatory oligonucleotides-functionalized quantum dots for simultaneous enhanced immunogenicity and cell imaging. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 126, 585-589.	2.5	13
353	Confinement of Reactive Oxygen Species in an Artificial-Enzyme-Based Hollow Structure To Eliminate Adverse Effects of Photocatalysis on UV Filters. <i>Chemistry - A European Journal</i> , 2017, 23, 13518-13524.	1.7	13
354	Molecular crowding effects on the biochemical properties of amyloid $\beta$ -heme, $\text{A}\beta$ -Cu and $\text{A}\beta$ -heme-Cu complexes. <i>Chemical Science</i> , 2020, 11, 7479-7486.	3.7	13
355	Targeting RNA G-Quadruplex in SARS-CoV-2: A Promising Therapeutic Target for COVID-19?. <i>Angewandte Chemie</i> , 2021, 133, 436-442.	1.6	13
356	Specific generation of nitric oxide in mitochondria of cancer cell for selective oncotherapy. <i>Nano Research</i> , 2022, 15, 5273-5278.	5.8	13
357	A semipermeable enzymatic nanoreactor as an efficient modulator for reversible pH regulation. <i>Nanoscale</i> , 2014, 6, 11328-11335.	2.8	12
358	Elimination of macrophage-entrapped antibiotic-resistant bacteria by a targeted metal-organic framework-based nanoplatfrom. <i>Chemical Communications</i> , 2021, 57, 2903-2906.	2.2	12
359	Coupling exonuclease III with DNA metallization for amplified detection of biothiols at picomolar concentration. <i>Biosensors and Bioelectronics</i> , 2014, 58, 214-218.	5.3	11
360	Embedding magnetic nanoparticles into coordination polymers to mimic zinc ion transporters for targeted tumor therapy. <i>Chemical Communications</i> , 2016, 52, 12598-12601.	2.2	11

#	ARTICLE	IF	CITATIONS
361	Defect-Rich Adhesive Nanozymes as Efficient Antibiotics for Enhanced Bacterial Inhibition. <i>Angewandte Chemie</i> , 2019, 131, 16382-16388.	1.6	11
362	A DNAzyme-augmented bioorthogonal catalysis system for synergistic cancer therapy. <i>Chemical Science</i> , 2022, 13, 7829-7836.	3.7	11
363	Fingerprint-like pattern for recognition of thiols. <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 183-188.	4.0	10
364	Wireless near-infrared electrical stimulation of neurite outgrowth. <i>Chemical Communications</i> , 2019, 55, 9833-9836.	2.2	10
365	MicroRNA-Triggered Nanozymes Cascade Reaction for Tumor-Specific Chemodynamic Therapy. <i>Chemistry - A European Journal</i> , 2021, 27, 18201-18207.	1.7	10
366	A Topologically Engineered Gold Island for Programmed In Vivo Stem Cell Manipulation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	10
367	Methyl Substitution Regulates the Enantioselectivity of Supramolecular Complex Binding to Human Telomeric G-Quadruplex DNA. <i>Chemistry - A European Journal</i> , 2014, 20, 16467-16472.	1.7	9
368	Autonomous and Continuous Stimuli-Responsive Polymer Surface for Antibacterial Application through Enzymatic Self-Propagating Reactions. <i>Chemistry - A European Journal</i> , 2017, 23, 14883-14888.	1.7	9
369	Photocontrolled Multidirectional Differentiation of Mesenchymal Stem Cells on an Upconversion Substrate. <i>Angewandte Chemie</i> , 2018, 130, 11352-11357.	1.6	9
370	DNA-MnO <sub>2</sub> nanosheets as washing- and label-free platform for array-based differentiation of cell types. <i>Analytica Chimica Acta</i> , 2019, 1056, 1-6.	2.6	9
371	Cancer Treatment: Incorporating Graphene Oxide and Gold Nanoclusters: A Synergistic Catalyst with Surprisingly High Peroxidase-Like Activity Over a Broad pH Range and its Application for Cancer Cell Detection ( <i>Adv. Mater.</i> 18/2013). <i>Advanced Materials</i> , 2013, 25, 2510-2510.	11.1	8
372	Chiral Metallo-Supramolecular Complex Directed Enantioselective Self-Assembly of $\beta$ -Sheet Breaker Peptide for Amyloid Inhibition. <i>Small</i> , 2015, 11, 4651-4655.	5.2	8
373	Growth of Hydrophilic CuS Nanowires via DNA-Mediated Self-Assembly Process and Their Use in Fabricating Smart Hybrid Films for Adjustable Chemical Release. <i>Chemistry - A European Journal</i> , 2015, 21, 2930-2935.	1.7	7
374	An intelligent near-infrared light activatable nanosystem for accurate regulation of zinc signaling in living cells. <i>Nano Research</i> , 2017, 10, 3068-3076.	5.8	7
375	Direct visualization of MicroRNA in vivo via an intelligent MnO <sub>2</sub> -carried catalytic DNA machine. <i>Sensors and Actuators B: Chemical</i> , 2019, 283, 124-129.	4.0	7
376	Near-infrared-traceable DNA nano-hydrolase: specific eradication of telomeric G-overhang in vivo. <i>Nucleic Acids Research</i> , 2020, 48, 9986-9994.	6.5	7
377	Engineering Amyloid Aggregation as a New Way to Eliminate Cancer Stem Cells by the Disruption of Iron Homeostasis. <i>Nano Letters</i> , 2021, 21, 7379-7387.	4.5	7
378	The COVID-19 susceptibility of cancer patients might due to the high expression of SARS-CoV-2 required host factors. <i>Journal of Infection</i> , 2022, 84, 418-467.	1.7	7

#	ARTICLE	IF	CITATIONS
379	pH-responsive DNA assembly regulated through A-motif. <i>Soft Matter</i> , 2011, 7, 10574.	1.2	6
380	Lighting up silica nanotubes transcribed from the submicron structure of a metal-peptide hybrid. <i>Nanotechnology</i> , 2013, 24, 375603.	1.3	6
381	A cytotoxic amyloid oligomer self-triggered and NIR-enhanced amyloidosis therapeutic system. <i>Nano Research</i> , 2015, 8, 2431-2444.	5.8	6
382	Chemically individual armoured bioreporter bacteria used for the in vivo sensing of ultra-trace toxic metal ions. <i>Chemical Communications</i> , 2017, 53, 8415-8418.	2.2	6
383	A DNA/metal cluster-based nano-lantern as an intelligent theranostic device. <i>Chemical Communications</i> , 2020, 56, 5295-5298.	2.2	6
384	Hydrogen-Bonded Organic Framework (HOF)-Based Single-Neural Stem Cell Encapsulation and Transplantation to Remodel Impaired Neural Networks. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	6
385	Versatile Fluorescent Conjugated Polyelectrolyte-Capped Mesoporous Silica Nanoparticles for Controlled Drug Delivery and Imaging. <i>ChemPlusChem</i> , 2013, 78, 656-662.	1.3	5
386	Catalytic asymmetric hydrogenation reaction by <i>in situ</i> formed ultra-fine metal nanoparticles in live thermophilic hydrogen-producing bacteria. <i>Nanoscale</i> , 2021, 13, 8024-8029.	2.8	5
387	$\text{Al}^2$ aggregation behavior at interfaces with switchable wettability: a bioinspired perspective to understand amyloid formation. <i>Chemical Communications</i> , 2021, 57, 2641-2644.	2.2	5
388	DNA-fueled molecular machine for label-free and non-enzymatic ultrasensitive detection of telomerase activity. <i>Analyst</i> , The, 2016, 141, 4855-4858.	1.7	4
389	Conformational switch-mediated accelerated release of drug from cytosine-rich nucleic acid-capped magnetic nanovehicles. <i>Chemical Communications</i> , 2016, 52, 3364-3367.	2.2	4
390	Recent advances in the construction of nanozyme-based logic gates. <i>Biophysics Reports</i> , 2020, 6, 245-255.	0.2	4
391	Site-Directed Chemical Modification of Amyloid by Polyoxometalates for Inhibition of Protein Misfolding and Aggregation. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	4
392	Magneto-electrically ignited nanozyme-eel for combating bacterial biofilms. <i>Chemical Communications</i> , 2022, 58, 7634-7637.	2.2	4
393	Incorporation of $\text{O}^6$ -methylguanine restricts the conformational conversion of the human telomere G-quadruplex under molecular crowding conditions. <i>Chemical Communications</i> , 2016, 52, 1903-1906.	2.2	3
394	Developing Enzyme-Responsive Nanomedicine for Inhibition of hTERT Mitochondrial Translocation. <i>Advanced Therapeutics</i> , 2020, 3, 1900203.	1.6	3
395	A Nature-Inspired Metal-Organic Framework Discriminator for Differential Diagnosis of Cancer Cell Subtypes. <i>Angewandte Chemie</i> , 2021, 133, 15564-15572.	1.6	3
396	Carbon-based Nanozymes. <i>Nanostructure Science and Technology</i> , 2020, , 171-193.	0.1	3

#	ARTICLE	IF	CITATIONS
397	Inside Cover: Polyoxometalates as Inhibitors of the Aggregation of Amyloid $\beta$ Peptides Associated with Alzheimer's Disease (Angew. Chem. Int. Ed. 18/2011). Angewandte Chemie - International Edition, 2011, 50, 4024-4024.	7.2	2
398	Drug Delivery: Gold Nanocage-Based Dual Responsive "Caged Metal Chelator" Release System: Noninvasive Remote Control with Near Infrared for Potential Treatment of Alzheimer's Disease (Adv. Mater. 21/2012). Advanced Materials, 2012, 24, 2798-2798.	11.1	1
399	Innenrücktitelbild: Deciphering a Nanocarbon-Based Artificial Peroxidase: Chemical Identification of the Catalytically Active and Substrate-Binding Sites on Graphene Quantum Dots (Angew. Chem. 24/2015). Angewandte Chemie, 2015, 127, 7305-7305.	1.6	2
400	Primer-Modified G-Quadruplex-Au Nanoparticles for Colorimetric Assay of Human Telomerase Activity and Initial Screening of Telomerase Inhibitors. Methods in Molecular Biology, 2019, 2035, 347-356.	0.4	2
401	Drug Delivery: Near-Infrared Light-Triggered, Targeted Drug Delivery to Cancer Cells by Aptamer Gated Nanovehicles (Adv. Mater. 21/2012). Advanced Materials, 2012, 24, 2798-2798.	11.1	1
402	Modular AND Gate-Controlled Delivery Platform for Tumor Microenvironment Specific Activation of Protein Activity. Chemistry - A European Journal, 2020, 26, 7573-7577.	1.7	1
403	NIR-Driven Hydrogen-Bonded Organic Frameworks (HOFs) Used for Target-Specific Amyloid $\beta$ Photooxygenation in an Alzheimer's Disease Model. Angewandte Chemie, 2022, 134, .	1.6	1
404	Innentitelbild: Polyoxometalates as Inhibitors of the Aggregation of Amyloid $\beta$ Peptides Associated with Alzheimer's Disease (Angew. Chem. 18/2011). Angewandte Chemie, 2011, 123, 4110-4110.	1.6	0
405	Gold-Nanoparticle Sensors: Visualizing Human Telomerase Activity with Primer-Modified Au Nanoparticles (Small 2/2012). Small, 2012, 8, 166-166.	5.2	0
406	A Topologically Engineered Gold Island for Programmed In Vivo Stem Cell Manipulation. Angewandte Chemie, 0, , .	1.6	0