Xiaogang Qu

List of Publications by Year
in descending order

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		1704	2828
390	42,836	104	191
papers	citations	h-index	g-index

401	401	401	33312
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	NIRâ€Ⅱ Hydrogenâ€Bonded Organic Frameworks (HOFs) Used for Targetâ€Specific Amyloidâ€β Photooxygenation in an Alzheimer's Disease Model. Angewandte Chemie - International Edition, 2022, 61, .	13.8	62
2	NIRâ€Ⅱ Hydrogenâ€Bonded Organic Frameworks (HOFs) Used for Targetâ€Specific Amyloidâ€β Photooxygenation in an Alzheimer's Disease Model. Angewandte Chemie, 2022, 134, .	2.0	1
3	Yeast@MOF bioreactor as a tumor metabolic symbiosis disruptor for the potent inhibition of metabolically heterogeneous tumors. Nano Today, 2022, 42, 101331.	11.9	16
4	Recent progress in sensor arrays using nucleic acid as sensing elements. Coordination Chemistry Reviews, 2022, 456, 214379.	18.8	17
5	The COVID-19 susceptibility of cancer patients might due to the high expression of SARS-CoV-2 required host factors. Journal of Infection, 2022, 84, 418-467.	3.3	7
6	A Topologically Engineered Gold Island for Programmed In Vivo Stem Cell Manipulation. Angewandte Chemie - International Edition, 2022, 61, .	13.8	10
7	Self-Adaptive Single-Atom Catalyst Boosting Selective Ferroptosis in Tumor Cells. ACS Nano, 2022, 16, 855-868.	14.6	84
8	Siteâ€Directed Chemical Modification of Amyloid by Polyoxometalates for Inhibition of Protein Misfolding and Aggregation. Angewandte Chemie - International Edition, 2022, 61, .	13.8	26
9	Siteâ€Directed Chemical Modification of Amyloid by Polyoxometalates for Inhibition of Protein Misfolding and Aggregation. Angewandte Chemie, 2022, 134, .	2.0	4
10	Tumor associated macrophages reprogrammed by targeted bifunctional bioorthogonal nanozymes for enhanced tumor immunotherapy. Materials Today, 2022, 56, 16-28.	14.2	25
11	A Metabolic Multistage Glutathione Depletion Used for Tumor-Specific Chemodynamic Therapy. ACS Nano, 2022, 16, 4228-4238.	14.6	81
12	DNA-based platform for efficient and precisely targeted bioorthogonal catalysis in living systems. Nature Communications, 2022, 13, 1459.	12.8	49
13	Specific generation of nitric oxide in mitochondria of cancer cell for selective oncotherapy. Nano Research, 2022, 15, 5273-5278.	10.4	13
14	Hydrogenâ€Bonded Organic Framework (HOF)â€Based Singleâ€Neural Stem Cell Encapsulation and Transplantation to Remodel Impaired Neural Networks. Angewandte Chemie - International Edition, 2022, 61, .	13.8	41
15	Hydrogenâ€Bonded Organic Framework (HOF)â€Based Singleâ€Neural Stem Cell Encapsulation and Transplantation to Remodel Impaired Neural Networks. Angewandte Chemie, 2022, 134, .	2.0	6
16	A MXene-derived redox homeostasis regulator perturbs the Nrf2 antioxidant program for reinforced sonodynamic therapy. Chemical Science, 2022, 13, 6704-6714.	7.4	30
17	Magnetoelectrically ignited nanozyme-eel for combating bacterial biofilms. Chemical Communications, 2022, 58, 7634-7637.	4.1	4
18	A DNAzyme-augmented bioorthogonal catalysis system for synergistic cancer therapy. Chemical Science, 2022, 13, 7829-7836.	7.4	11

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19	Targeting RNA Gâ€Quadruplex in SARSâ€CoVâ€2: A Promising Therapeutic Target for COVIDâ€19?. Angewandte Chemie, 2021, 133, 436-442.	2.0	13
20	Natureâ€Inspired Construction of MOF@COF Nanozyme with Active Sites in Tailored Microenvironment and Pseudopodiaâ€Like Surface for Enhanced Bacterial Inhibition. Angewandte Chemie, 2021, 133, 3511-3516.	2.0	112
21	Natureâ€Inspired Construction of MOF@COF Nanozyme with Active Sites in Tailored Microenvironment and Pseudopodiaâ€Like Surface for Enhanced Bacterial Inhibition. Angewandte Chemie - International Edition, 2021, 60, 3469-3474.	13.8	203
22	Targeting RNA Gâ€Quadruplex in SARSâ€CoVâ€2: A Promising Therapeutic Target for COVIDâ€19?. Angewandte Chemie - International Edition, 2021, 60, 432-438.	13.8	120
23	Catalytic asymmetric hydrogenation reaction by in situ formed ultra-fine metal nanoparticles in live thermophilic hydrogen-producing bacteria. Nanoscale, 2021, 13, 8024-8029.	5.6	5
24	Glycoengineering artificial receptors for microglia to phagocytose AÎ² aggregates. Chemical Science, 2021, 12, 4963-4969.	7.4	16
25	AÎ² aggregation behavior at interfaces with switchable wettability: a bioinspired perspective to understand amyloid formation. Chemical Communications, 2021, 57, 2641-2644.	4.1	5
26	Nucleic acid-driven aggregation-induced emission of Au nanoclusters for visualizing telomerase activity in living cells and in vivo. Materials Horizons, 2021, 8, 1769-1775.	12.2	33
27	Elimination of macrophage-entrapped antibiotic-resistant bacteria by a targeted metalâ€“organic framework-based nanoplatform. Chemical Communications, 2021, 57, 2903-2906.	4.1	12
28	Biological Mediator-Propelled Nanosweeper for Nonpharmaceutical Thrombus Therapy. ACS Nano, 2021, 15, 6604-6613.	14.6	53
29	Current Strategies for Modulating AÎ² Aggregation with Multifunctional Agents. Accounts of Chemical Research, 2021, 54, 2172-2184.	15.6	86
30	A Bimetallic Metalâ€“Organic Framework Encapsulated with DNAzyme for Intracellular Drug Synthesis and Selfâ€Sufficient Gene Therapy. Angewandte Chemie - International Edition, 2021, 60, 12431-12437.	13.8	78
31	A Bimetallic Metalâ€“Organic Framework Encapsulated with DNAzyme for Intracellular Drug Synthesis and Selfâ€Sufficient Gene Therapy. Angewandte Chemie, 2021, 133, 12539-12545.	2.0	14
32	A Natureâ€Inspired Metalâ€“Organic Framework Discriminator for Differential Diagnosis of Cancer Cell Subtypes. Angewandte Chemie - International Edition, 2021, 60, 15436-15444.	13.8	51
33	The recent biological applications of selenium-based nanomaterials. Nano Today, 2021, 38, 101205.	11.9	57
34	A Natureâ€Inspired Metalâ€“Organic Framework Discriminator for Differential Diagnosis of Cancer Cell Subtypes. Angewandte Chemie, 2021, 133, 15564-15572.	2.0	3
35	Cell membraneâ€“camouflaged liposomes for tumor cellâ€“selective glycans engineering and imaging in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	44
36	Electronic Band-Engineered Nanomaterials for Biosafety and Biomedical Application. Accounts of Materials Research, 2021, 2, 764-779.	11.7	11

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37	From mouse to mouseâ€ear cress: Nanomaterials as vehicles in plant biotechnology. Exploration, 2021, 1, 9-20.	11.0	27
38	Engineering Amyloid Aggregation as a New Way to Eliminate Cancer Stem Cells by the Disruption of Iron Homeostasis. Nano Letters, 2021, 21, 7379-7387.	9.1	7
39	Near-infrared target enhanced peripheral clearance of amyloid-Î² in Alzheimer's disease model. Biomaterials, 2021, 276, 121065.	11.4	17
40	Nanozymes: A clear definition with fuzzy edges. Nano Today, 2021, 40, 101269.	11.9	332
41	Antibody Mimics as Bio-orthogonal Catalysts for Highly Selective Bacterial Recognition and Antimicrobial Therapy. ACS Nano, 2021, 15, 15841-15849.	14.6	27
42	Bio-Inspired Bimetallic Enzyme Mimics as Bio-Orthogonal Catalysts for Enhanced Bacterial Capture and Inhibition. Chemistry of Materials, 2021, 33, 8052-8058.	6.7	18
43	MicroRNAâ€Triggered Nanozymes Cascade Reaction for Tumorâ€Specific Chemodynamic Therapy. Chemistry - A European Journal, 2021, 27, 18201-18207.	3.3	10
44	Remodeling Macrophages by an Iron Nanotrap for Tumor Growth Suppression. ACS Nano, 2021, 15, 19298-19309.	14.6	19
45	A chiral covalent organic framework (COF) nanozyme with ultrahigh enzymatic activity. Materials Horizons, 2020, 7, 3291-3297.	12.2	60
46	Carbon Monoxide Controllable Targeted Gas Therapy for Synergistic Anti-inflammation. IScience, 2020, 23, 101483.	4.1	22
47	Target-driven supramolecular self-assembly for selective amyloid-Î² photooxygenation against Alzheimer's disease. Chemical Science, 2020, 11, 11003-11008.	7.4	37
48	Recent advances in the construction of nanozyme-based logic gates. Biophysics Reports, 2020, 6, 245-255.	0.8	4
49	Fe(â…¢)-Oxidized Graphitic Carbon Nitride Nanosheets as a Sensitive Fluorescent Sensor for Detection and Imaging of Fluoride Ions. Sensors and Actuators B: Chemical, 2020, 321, 128630.	7.8	14
50	Tumor-activatable ultrasmall nanozyme generator for enhanced penetration and deep catalytic therapy. Biomaterials, 2020, 258, 120263.	11.4	48
51	Phenol-like group functionalized graphene quantum dots structurally mimicking natural antioxidants for highly efficient acute kidney injury treatment. Chemical Science, 2020, 11, 12721-12730.	7.4	54
52	A Biocompatible Second Near-Infrared Nanozyme for Spatiotemporal and Non-Invasive Attenuation of Amyloid Deposition through Scalp and Skull. ACS Nano, 2020, 14, 9894-9903.	14.6	78
53	A Smart Nanoparticle-Laden and Remote-Controlled Self-Destructive Macrophage for Enhanced Chemo/Chemodynamic Synergistic Therapy. ACS Nano, 2020, 14, 13894-13904.	14.6	83
54	Construction of a chiral artificial enzyme used for enantioselective catalysis in live cells. Chemical Science, 2020, 11, 11344-11350.	7.4	20

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55	Near-infrared-traceable DNA nano-hydrolase: specific eradication of telomeric G-overhang in vivo. Nucleic Acids Research, 2020, 48, 9986-9994.	14.5	7
56	Self-Propelled Active Photothermal Nanoswimmer for Deep-Layered Elimination of Biofilm In Vivo. Nano Letters, 2020, 20, 7350-7358.	9.1	108
57	Self-Protecting Biomimetic Nanozyme for Selective and Synergistic Clearance of Peripheral Amyloid-Î² in an Alzheimerâ€™s Disease Model. Journal of the American Chemical Society, 2020, 142, 21702-21711.	13.7	96
58	MOF-encapsulated nanozyme enhanced siRNA combo: Control neural stem cell differentiation and ameliorate cognitive impairments in Alzheimer's disease model. Biomaterials, 2020, 255, 120160.	11.4	118
59	Right-/left-handed helical G-quartet nanostructures with full-color and energy transfer circularly polarized luminescence. Chemical Communications, 2020, 56, 7706-7709.	4.1	21
60	Modular AND Gateâ€Controlled Delivery Platform for Tumor Microenvironment Specific Activation of Protein Activity. Chemistry - A European Journal, 2020, 26, 7573-7577.	3.3	1
61	Neutrophil-Membrane-Directed Bioorthogonal Synthesis of Inflammation-Targeting Chiral Drugs. CheM, 2020, 6, 2060-2072.	11.7	72
62	A mesoporous encapsulated nanozyme for decontaminating two kinds of wastewater and avoiding secondary pollution. Nanoscale, 2020, 12, 14465-14471.	5.6	28
63	Molecular crowding effects on the biochemical properties of amyloid Î²â€“heme, AÎ²â€“Cu and AÎ²â€“hemeâ€“Cu complexes. Chemical Science, 2020, 11, 7479-7486.	7.4	13
64	Bioinspired Construction of a Nanozyme-Based H₂O₂ Homeostasis Disruptor for Intensive Chemodynamic Therapy. Journal of the American Chemical Society, 2020, 142, 5177-5183.	13.7	409
65	Developing Enzymeâ€Responsive Nanomedicine for Inhibition of hTERT Mitochondrial Translocation. Advanced Therapeutics, 2020, 3, 1900203.	3.2	3
66	Hydrogel-based artificial enzyme for combating bacteria and accelerating wound healing. Nano Research, 2020, 13, 496-502.	10.4	43
67	Colorimetric Band-aids for Point-of-Care Sensing and Treating Bacterial Infection. ACS Central Science, 2020, 6, 207-212.	11.3	81
68	An Enzymeâ€Mimicking Singleâ€Atom Catalyst as an Efficient Multiple Reactive Oxygen and Nitrogen Species Scavenger for Sepsis Management. Angewandte Chemie - International Edition, 2020, 59, 5108-5115.	13.8	200
69	An Enzymeâ€Mimicking Singleâ€Atom Catalyst as an Efficient Multiple Reactive Oxygen and Nitrogen Species Scavenger for Sepsis Management. Angewandte Chemie, 2020, 132, 5146-5153.	2.0	34
70	A DNA/metal cluster-based nano-lantern as an intelligent theranostic device. Chemical Communications, 2020, 56, 5295-5298.	4.1	6
71	Near-Infrared Light Dual-Promoted Heterogeneous Copper Nanocatalyst for Highly Efficient Bioorthogonal Chemistry in Vivo. ACS Nano, 2020, 14, 4178-4187.	14.6	67
72	Carbon-based Nanozeymes. Nanostructure Science and Technology, 2020, , 171-193.	0.1	3

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73	Renal-Clearable Porphyrinic Metalâ€“Organic Framework Nanodots for Enhanced Photodynamic Therapy. ACS Nano, 2019, 13, 9206-9217.	14.6	110
74	Wireless near-infrared electrical stimulation of neurite outgrowth. Chemical Communications, 2019, 55, 9833-9836.	4.1	10
75	Depriving Bacterial Adhesionâ€Related Molecule to Inhibit Biofilm Formation Using CeO₂â€Decorated Metalâ€Organic Frameworks. Small, 2019, 15, e1902522.	10.0	74
76	A Nearâ€Infraredâ€Controllable Artificial Metalloprotease Used for Degrading Amyloidâ€Î²2 Monomers and Aggregates. Chemistry - A European Journal, 2019, 25, 11852-11858.	3.3	25
77	Remote and reversible control of in vivo bacteria clustering by NIR-driven multivalent upconverting nanosystems. Biomaterials, 2019, 217, 119310.	11.4	20
78	Exosomes for cell-targeted bioorthogonal catalysis. Nature Catalysis, 2019, 2, 837-838.	34.4	5
79	A Sequential Targetâ€Responsive Nanocarrier with Enhanced Tumor Penetration and Neighboring Effect In Vivo. Small, 2019, 15, e1903323.	10.0	32
80	Defectâ€Rich Adhesive Nanozymes as Efficient Antibiotics for Enhanced Bacterial Inhibition. Angewandte Chemie, 2019, 131, 16382-16388.	2.0	11
81	Defectâ€Rich Adhesive Nanozymes as Efficient Antibiotics for Enhanced Bacterial Inhibition. Angewandte Chemie - International Edition, 2019, 58, 16236-16242.	13.8	246
82	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.	0.9	2
83	Renal-clearable ultrasmall covalent organic framework nanodots as photodynamic agents for effective cancer therapy. Biomaterials, 2019, 223, 119462.	11.4	101
84	Silverâ€Infused Porphyrinic Metalâ€“Organic Framework: Surfaceâ€Adaptive, Onâ€Demand Nanoplatform for Synergistic Bacteria Killing and Wound Disinfection. Advanced Functional Materials, 2019, 29, 1808594.	14.9	181
85	DNA-MnO2 nanosheets as washing- and label-free platform for array-based differentiation of cell types. Analytica Chimica Acta, 2019, 1056, 1-6.	5.4	9
86	Porphyrin MOF Dotsâ€“Based, Functionâ€Adaptive Nanoplatform for Enhanced Penetration and Photodynamic Eradication of Bacterial Biofilms. Advanced Functional Materials, 2019, 29, 1903018.	14.9	175
87	Nearâ€Infrared Activated Black Phosphorus as a Nontoxic Photoâ€Oxidant for Alzheimer's Amyloidâ€Î²2 Peptide. Small, 2019, 15, e1901116.	10.0	66
88	Constructing metalâ€“organic framework nanodots as bio-inspired artificial superoxide dismutase for alleviating endotoxemia. Materials Horizons, 2019, 6, 1682-1687.	12.2	84
89	Two-Dimensional Metalâ€“Organic Framework/Enzyme Hybrid Nanocatalyst as a Benign and Self-Activated Cascade Reagent for in Vivo Wound Healing. ACS Nano, 2019, 13, 5222-5230.	14.6	356
90	A Biocompatible Heterogeneous MOFâ€“Cu Catalyst for In Vivo Drug Synthesis in Targeted Subcellular Organelles. Angewandte Chemie - International Edition, 2019, 58, 6987-6992.	13.8	156

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91	A Biocompatible Heterogeneous MOFâ€“Cu Catalyst for In Vivo Drug Synthesis in Targeted Subcellular Organelles. Angewandte Chemie, 2019, 131, 7061-7066.	2.0	39
92	Chirality-Selected Chemical Modulation of Amyloid Aggregation. Journal of the American Chemical Society, 2019, 141, 6915-6921.	13.7	87
93	Construction of Nanozymeâ€Hydrogel for Enhanced Capture and Elimination of Bacteria. Advanced Functional Materials, 2019, 29, 1900518.	14.9	213
94	A series of MOF/Ce-based nanozymes with dual enzyme-like activity disrupting biofilms and hindering recolonization of bacteria. Biomaterials, 2019, 208, 21-31.	11.4	208
95	Nanozymes: Classification, Catalytic Mechanisms, Activity Regulation, and Applications. Chemical Reviews, 2019, 119, 4357-4412.	47.7	1,955
96	Ultrasensitive magnetic resonance imaging of systemic reactive oxygen species in vivo for early diagnosis of sepsis using activatable nanoprobes. Chemical Science, 2019, 10, 3770-3778.	7.4	37
97	Combating Biofilm Associated Infection In Vivo: Integration of Quorum Sensing Inhibition and Photodynamic Treatment based on Multidrug Delivered Hollow Carbon Nitride Sphere. Advanced Functional Materials, 2019, 29, 1808222.	14.9	87
98	Aggregation-induced emission-active Au nanoclusters for ratiometric sensing and bioimaging of highly reactive oxygen species. Chemical Communications, 2019, 55, 15097-15100.	4.1	31
99	G-quadruplex DNA regulates invertible circularly polarized luminescence. Journal of Materials Chemistry C, 2019, 7, 13947-13952.	5.5	28
100	Glutathione Depletion in a Benign Manner by MoS₂â€Based Nanoflowers for Enhanced Hypoxiaâ€Irrelevant Freeâ€Radicalâ€Based Cancer Therapy. Small, 2019, 15, e1904870.	10.0	89
101	Self-triggered click reaction in an Alzheimer's disease model:in situbifunctional drug synthesis catalyzed by neurotoxic copper accumulated in amyloid-Î² plaques. Chemical Science, 2019, 10, 10343-10350.	7.4	44
102	Metalâ€“Organic Frameworks Harness Cu Chelating and Photooxidation Against Amyloid Î² Aggregation in Vivo. Chemistry - A European Journal, 2019, 25, 3489-3495.	3.3	58
103	New insights into nanomaterials combating bacteria: ROS and beyond. Science China Life Sciences, 2019, 62, 150-152.	4.9	16
104	Facile preparation ofÂmetalâ^'organic frameworks-based hydrophobic anticancer drug delivery nanoplatform for targeted and enhanced cancer treatment. Talanta, 2019, 194, 703-708.	5.5	65
105	Direct visualization of MicroRNA in vivo via an intelligent MnO2-carried catalytic DNA machine. Sensors and Actuators B: Chemical, 2019, 283, 124-129.	7.8	7
106	Cross-fibrillation of insulin and amyloid Î² on chiral surfaces: Chirality affects aggregation kinetics and cytotoxicity. Nano Research, 2018, 11, 4102-4110.	10.4	23
107	Enzyme Mimicry for Combating Bacteria and Biofilms. Accounts of Chemical Research, 2018, 51, 789-799.	15.6	347
108	Pointâ€ofâ€Care Identification of Bacteria Using Proteinâ€Encapsulated Gold Nanoclusters. Advanced Healthcare Materials, 2018, 7, e1701370.	7.6	51

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109	Carbon Nanozymes: Enzymatic Properties, Catalytic Mechanism, and Applications. Angewandte Chemie - International Edition, 2018, 57, 9224-9237.	13.8	424
110	Seâ€Methylselenocysteine Ameliorates Neuropathology and Cognitive Deficits by Attenuating Oxidative Stress and Metal Dyshomeostasis in Alzheimer Model Mice. Molecular Nutrition and Food Research, 2018, 62, e1800107.	3.3	32
111	Journal of Materials Chemistry B Editor's choice web collection: â€œSeeing the unseen updated: advances in bioimagingâ€• Journal of Materials Chemistry B, 2018, 6, 2920-2921.	5.8	1
112	Journal of Materials Chemistry B Editor's choice web collection: â€˜â€˜Seeing the unseen updated: advances in biosensingâ€™â€™. Journal of Materials Chemistry B, 2018, 6, 2922-2923.	5.8	0
113	DNA metallization: principles, methods, structures, and applications. Chemical Society Reviews, 2018, 47, 4017-4072.	38.1	156
114	Kohlenstoffâ€Nanozyme: Enzymatische Eigenschaften, Katalysemechanismen und Anwendungen. Angewandte Chemie, 2018, 130, 9366-9379.	2.0	21
115	Bioinspired Design of Fe³⁺â€Doped Mesoporous Carbon Nanospheres for Enhanced Nanozyme Activity. Chemistry - A European Journal, 2018, 24, 7259-7263.	3.3	69
116	Designed heterogeneous palladium catalysts for reversible light-controlled bioorthogonal catalysis in living cells. Nature Communications, 2018, 9, 1209.	12.8	136
117	Specific Oxygenated Groups Enriched Graphene Quantum Dots as Highly Efficient Enzyme Mimics. Small, 2018, 14, e1703710.	10.0	92
118	Stereochemistry and amyloid inhibition: Asymmetric triplex metallohelices enantioselectively bind to Aî² peptide. Science Advances, 2018, 4, eaao6718.	10.3	66
119	Phytochemical-encapsulated nanoplatform for â€œon-demandâ€•synergistic treatment of multidrug-resistant bacteria. Nano Research, 2018, 11, 3762-3770.	10.4	28
120	Fingerprint-like pattern for recognition of thiols. Sensors and Actuators B: Chemical, 2018, 260, 183-188.	7.8	10
121	Nanozyme Decorated Metalâ€“Organic Frameworks for Enhanced Photodynamic Therapy. ACS Nano, 2018, 12, 651-661.	14.6	670
122	Nucleobases, nucleosides, and nucleotides: versatile biomolecules for generating functional nanomaterials. Chemical Society Reviews, 2018, 47, 1285-1306.	38.1	159
123	Seleniumâ€Based Nanozyme as Biomimetic Antioxidant Machinery. Chemistry - A European Journal, 2018, 24, 10224-10230.	3.3	51
124	Rational design of a â€œsense and treatâ€•system to target amyloid aggregates related to Alzheimerâ€™s disease. Nano Research, 2018, 11, 1987-1997.	10.4	21
125	Biomolecule-templated photochemical synthesis of silver nanoparticles: Multiple readouts of localized surface plasmon resonance for pattern recognition. Nano Research, 2018, 11, 3213-3221.	10.4	24
126	An intelligent 1:2 demultiplexer as an intracellular theranostic device based on DNA/Ag cluster-gated nanovehicles. Nanotechnology, 2018, 29, 065501.	2.6	14

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127	Graphitic carbon nitride nanosheets as a multifunctional nanoplatform for photochemical internalization-enhanced photodynamic therapy. Journal of Materials Chemistry B, 2018, 6, 7908-7915.	5.8	28
128	Manipulating cell fate: dynamic control of cell behaviors on functional platforms. Chemical Society Reviews, 2018, 47, 8639-8684.	38.1	115
129	Nanozyme as Artificial Receptor with Multiple Readouts for Pattern Recognition. Analytical Chemistry, 2018, 90, 11775-11779.	6.5	92
130	Erythrocyte Membrane Cloaked Metalâ€“Organic Framework Nanoparticle as Biomimetic Nanoreactor for Starvation-Activated Colon Cancer Therapy. ACS Nano, 2018, 12, 10201-10211.	14.6	332
131	Photomodulated Nanozyme Used for a Gram-Selective Antimicrobial. Chemistry of Materials, 2018, 30, 7027-7033.	6.7	92
132	Ultrasmall Nanozymes Isolated within Porous Carbonaceous Frameworks for Synergistic Cancer Therapy: Enhanced Oxidative Damage and Reduced Energy Supply. Chemistry of Materials, 2018, 30, 7831-7839.	6.7	91
133	Mirrorâ€Image Dependence: Targeting Enantiomeric Gâ€Quadruplex DNA Using Triplex Metallohelices. Angewandte Chemie - International Edition, 2018, 57, 15723-15727.	13.8	44
134	Mirrorâ€Image Dependence: Targeting Enantiomeric Gâ€Quadruplex DNA Using Triplex Metallohelices. Angewandte Chemie, 2018, 130, 15949-15953.	2.0	21
135	Mesoporous Encapsulated Chiral Nanogold for Use in Enantioselective Reactions. Angewandte Chemie - International Edition, 2018, 57, 16791-16795.	13.8	91
136	Mesoporous Encapsulated Chiral Nanogold for Use in Enantioselective Reactions. Angewandte Chemie, 2018, 130, 17033-17037.	2.0	14
137	Metalâ€“Organic Framework-Based Nanoplatform for Intracellular Environment-Responsive Endo/Lysosomal Escape and Enhanced Cancer Therapy. ACS Applied Materials & Interfaces, 2018, 10, 31998-32005.	8.0	77
138	Unraveling the Enzymatic Activity of Oxygenated Carbon Nanotubes and Their Application in the Treatment of Bacterial Infections. Nano Letters, 2018, 18, 3344-3351.	9.1	199
139	Photocontrolled Multidirectional Differentiation of Mesenchymal Stem Cells on an Upconversion Substrate. Angewandte Chemie - International Edition, 2018, 57, 11182-11187.	13.8	46
140	Photocontrolled Multidirectional Differentiation of Mesenchymal Stem Cells on an Upconversion Substrate. Angewandte Chemie, 2018, 130, 11352-11357.	2.0	9
141	Nearâ€Infrared Switchable Fullereneâ€Based Synergy Therapy for Alzheimer's Disease. Small, 2018, 14, e1801852.	10.0	93
142	Biomimetic nanoflowers by self-assembly of nanozymes to induce intracellular oxidative damage against hypoxic tumors. Nature Communications, 2018, 9, 3334.	12.8	464
143	A H₂O₂-free depot for treating bacterial infection: localized cascade reactions to eradicate biofilmsin vivo. Nanoscale, 2018, 10, 17656-17662.	5.6	39
144	Redoxâ€Activated Nearâ€Infraredâ€Responsive Polyoxometalates Used for Photothermal Treatment of Alzheimer's Disease. Advanced Healthcare Materials, 2018, 7, e1800320.	7.6	51

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145	Metalâ€“organic-framework-supported immunostimulatory oligonucleotides for enhanced immune response and imaging. Chemical Communications, 2017, 53, 1840-1843.	4.1	50
146	Encapsulation of aggregated gold nanoclusters in a metalâ€“organic framework for real-time monitoring of drug release. Nanoscale, 2017, 9, 4128-4134.	5.6	93
147	A GOâ€“Se nanocomposite as an antioxidant nanozyme for cytoprotection. Chemical Communications, 2017, 53, 3082-3085.	4.1	84
148	N-Methyl Mesoporphyrin IX as an Effective Probe for Monitoring Alzheimerâ€™s Disease Î²-Amyloid Aggregation in Living Cells. ACS Chemical Neuroscience, 2017, 8, 1299-1304.	3.5	25
149	Hostâ€“guest recognition on photo-responsive cell surfaces directs cellâ€“cell contacts. Materials Today, 2017, 20, 16-21.	14.2	34
150	Chiral metallohelices enantioselectively target hybrid human telomeric G-quadruplex DNA. Nucleic Acids Research, 2017, 45, 5026-5035.	14.5	42
151	An Efficient and Benign Antimicrobial Depot Based on Silver-Infused MoS₂. ACS Nano, 2017, 11, 4651-4659.	14.6	191
152	A label-free ratiometric electrochemical DNA sensor for monitoring intracellular redox homeostasis. Chemical Communications, 2017, 53, 6215-6218.	4.1	37
153	Immobilization of enzyme on chiral polyelectrolyte surface. Analytica Chimica Acta, 2017, 952, 88-95.	5.4	21
154	Lightâ€Mediated Reversible Modulation of ROS Level in Living Cells by Using an Activityâ€Controllable Nanozyme. Small, 2017, 13, 1603051.	10.0	68
155	Artificial Enzymeâ€based Logic Operations to Mimic an Intracellular Enzymeâ€participated Redox Balance System. Chemistry - A European Journal, 2017, 23, 9156-9161.	3.3	16
156	Chemically individual armoured bioreporter bacteria used for the in vivo sensing of ultra-trace toxic metal ions. Chemical Communications, 2017, 53, 8415-8418.	4.1	6
157	An intelligent near-infrared light activatable nanosystem for accurate regulation of zinc signaling in living cells. Nano Research, 2017, 10, 3068-3076.	10.4	7
158	A DNAâ€Based Labelâ€Free Artificial Tongue for Pattern Recognition of Metal Ions. Chemistry - A European Journal, 2017, 23, 9258-9261.	3.3	25
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160	A NIR-controlled cage mimicking system for hydrophobic drug mediated cancer therapy. Biomaterials, 2017, 139, 151-162.	11.4	83
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