

# Xiaogang Qu

## List of Publications by Year in descending order

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390  
papers

42,836  
citations

1981

104  
h-index

3254

191  
g-index

401  
all docs

401  
docs citations

401  
times ranked

37462  
citing authors

#	ARTICLE	IF	CITATIONS
1	NIR-Enabled 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
2	NIR-Enabled Hydrogen-Bonded Organic Frameworks (HOFs) Used for Target-Specific Amyloid- $\beta$ Photooxygenation in an Alzheimer's Disease Model. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	1
3	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
4	Recent progress in sensor arrays using nucleic acid as sensing elements. <i>Coordination Chemistry Reviews</i> , 2022, 456, 214379.	9.5	17
5	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
6	A Topologically Engineered Gold Island for Programmed In Vivo Stem Cell Manipulation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	10
7	Self-Adaptive Single-Atom Catalyst Boosting Selective Ferroptosis in Tumor Cells. <i>ACS Nano</i> , 2022, 16, 855-868.	7.3	84
8	Site-Enabled Chemical Modification of Amyloid by Polyoxometalates for Inhibition of Protein Misfolding and Aggregation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	26
9	Site-Enabled Chemical Modification of Amyloid by Polyoxometalates for Inhibition of Protein Misfolding and Aggregation. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	4
10	Tumor associated macrophages reprogrammed by targeted bifunctional bioorthogonal nanozymes for enhanced tumor immunotherapy. <i>Materials Today</i> , 2022, 56, 16-28.	8.3	25
11	A Metabolic Multistage Glutathione Depletion Used for Tumor-Specific Chemodynamic Therapy. <i>ACS Nano</i> , 2022, 16, 4228-4238.	7.3	81
12	DNA-based platform for efficient and precisely targeted bioorthogonal catalysis in living systems. <i>Nature Communications</i> , 2022, 13, 1459.	5.8	49
13	Specific generation of nitric oxide in mitochondria of cancer cell for selective oncotherapy. <i>Nano Research</i> , 2022, 15, 5273-5278.	5.8	13
14	Hydrogen-Bonded Organic Framework (HOF)-Based Single-Cell Neural Stem Cell Encapsulation and Transplantation to Remodel Impaired Neural Networks. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	41
15	Hydrogen-Bonded Organic Framework (HOF)-Based Single-Cell Neural Stem Cell Encapsulation and Transplantation to Remodel Impaired Neural Networks. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	6
16	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
17	Magnetoelectrically ignited nanozyme-eel for combating bacterial biofilms. <i>Chemical Communications</i> , 2022, 58, 7634-7637.	2.2	4
18	A DNAzyme-augmented bioorthogonal catalysis system for synergistic cancer therapy. <i>Chemical Science</i> , 2022, 13, 7829-7836.	3.7	11

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19	Targeting RNA Gâ€Quadruplex in SARSâ€CoVâ€2: A Promising Therapeutic Target for COVIDâ€19?. <i>Angewandte Chemie</i> , 2021, 133, 436-442.	1.6	13
20	Natureâ€Inspired Construction of MOF@COF Nanozyme with Active Sites in Tailored Microenvironment and Pseudopodiaâ€Like Surface for Enhanced Bacterial Inhibition. <i>Angewandte Chemie</i> , 2021, 133, 3511-3516.	1.6	112
21	Natureâ€Inspired Construction of MOF@COF Nanozyme with Active Sites in Tailored Microenvironment and Pseudopodiaâ€Like Surface for Enhanced Bacterial Inhibition. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3469-3474.	7.2	203
22	Targeting RNA Gâ€Quadruplex in SARSâ€CoVâ€2: A Promising Therapeutic Target for COVIDâ€19?. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 432-438.	7.2	120
23	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
24	Glycoengineering artificial receptors for microglia to phagocytose AÎ² aggregates. <i>Chemical Science</i> , 2021, 12, 4963-4969.	3.7	16
25	AÎ² 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
26	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
27	Elimination of macrophage-entrapped antibiotic-resistant bacteria by a targeted metalâ€organic framework-based nanoplatfom. <i>Chemical Communications</i> , 2021, 57, 2903-2906.	2.2	12
28	Biological Mediator-Propelled Nanosweeper for Nonpharmaceutical Thrombus Therapy. <i>ACS Nano</i> , 2021, 15, 6604-6613.	7.3	53
29	Current Strategies for Modulating AÎ² Aggregation with Multifunctional Agents. <i>Accounts of Chemical Research</i> , 2021, 54, 2172-2184.	7.6	86
30	A Bimetallic Metalâ€Organic Framework Encapsulated with DNAzyme for Intracellular Drug Synthesis and Selfâ€Sufficient Gene Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12431-12437.	7.2	78
31	A Bimetallic Metalâ€Organic Framework Encapsulated with DNAzyme for Intracellular Drug Synthesis and Selfâ€Sufficient Gene Therapy. <i>Angewandte Chemie</i> , 2021, 133, 12539-12545.	1.6	14
32	A Natureâ€Inspired Metalâ€Organic Framework Discriminator for Differential Diagnosis of Cancer Cell Subtypes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15436-15444.	7.2	51
33	The recent biological applications of selenium-based nanomaterials. <i>Nano Today</i> , 2021, 38, 101205.	6.2	57
34	A Natureâ€Inspired Metalâ€Organic Framework Discriminator for Differential Diagnosis of Cancer Cell Subtypes. <i>Angewandte Chemie</i> , 2021, 133, 15564-15572.	1.6	3
35	Cell membraneâ€camouflaged liposomes for tumor cellâ€selective glycans engineering and imaging <i>in vivo</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	44
36	Electronic Band-Engineered Nanomaterials for Biosafety and Biomedical Application. <i>Accounts of Materials Research</i> , 2021, 2, 764-779.	5.9	11

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37	From mouse to mouse—ear cross: Nanomaterials as vehicles in plant biotechnology. <i>Exploration</i> , 2021, 1, 9-20.	5.4	27
38	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
39	Near-infrared target enhanced peripheral clearance of amyloid- $\beta^2$ in Alzheimer's disease model. <i>Biomaterials</i> , 2021, 276, 121065.	5.7	17
40	Nanozymes: A clear definition with fuzzy edges. <i>Nano Today</i> , 2021, 40, 101269.	6.2	332
41	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
42	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
43	MicroRNA—Triggered Nanozymes Cascade Reaction for Tumor—Specific Chemodynamic Therapy. <i>Chemistry - A European Journal</i> , 2021, 27, 18201-18207.	1.7	10
44	Remodeling Macrophages by an Iron Nanotrap for Tumor Growth Suppression. <i>ACS Nano</i> , 2021, 15, 19298-19309.	7.3	19
45	A chiral covalent organic framework (COF) nanozyme with ultrahigh enzymatic activity. <i>Materials Horizons</i> , 2020, 7, 3291-3297.	6.4	60
46	Carbon Monoxide Controllable Targeted Gas Therapy for Synergistic Anti-inflammation. <i>IScience</i> , 2020, 23, 101483.	1.9	22
47	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
48	Recent advances in the construction of nanozyme-based logic gates. <i>Biophysics Reports</i> , 2020, 6, 245-255.	0.2	4
49	Fe(III)-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
50	Tumor-activatable ultrasmall nanozyme generator for enhanced penetration and deep catalytic therapy. <i>Biomaterials</i> , 2020, 258, 120263.	5.7	48
51	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
52	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
53	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
54	Construction of a chiral artificial enzyme used for enantioselective catalysis in live cells. <i>Chemical Science</i> , 2020, 11, 11344-11350.	3.7	20

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55	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
56	Self-Propelled Active Photothermal Nanoswimmer for Deep-Layered Elimination of Biofilm In Vivo. <i>Nano Letters</i> , 2020, 20, 7350-7358.	4.5	108
57	Self-Protecting Biomimetic Nanozyme for Selective and Synergistic Clearance of Peripheral Amyloid- $\beta^2$ in an Alzheimer's Disease Model. <i>Journal of the American Chemical Society</i> , 2020, 142, 21702-21711.	6.6	96
58	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
59	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
60	Modular AND Gate-Controlled Delivery Platform for Tumor Microenvironment Specific Activation of Protein Activity. <i>Chemistry - A European Journal</i> , 2020, 26, 7573-7577.	1.7	1
61	Neutrophil-Membrane-Directed Bioorthogonal Synthesis of Inflammation-Targeting Chiral Drugs. <i>CheM</i> , 2020, 6, 2060-2072.	5.8	72
62	A mesoporous encapsulated nanozyme for decontaminating two kinds of wastewater and avoiding secondary pollution. <i>Nanoscale</i> , 2020, 12, 14465-14471.	2.8	28
63	Molecular crowding effects on the biochemical properties of amyloid $\beta^2$ heme, $\text{A}\beta^2$ -Cu and $\text{A}\beta^2$ -heme-Cu complexes. <i>Chemical Science</i> , 2020, 11, 7479-7486.	3.7	13
64	Bioinspired Construction of a Nanozyme-Based $\text{H}_2\text{O}_2$ Homeostasis Disruptor for Intensive Chemodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2020, 142, 5177-5183.	6.6	409
65	Developing Enzyme-Responsive Nanomedicine for Inhibition of hTERT Mitochondrial Translocation. <i>Advanced Therapeutics</i> , 2020, 3, 1900203.	1.6	3
66	Hydrogel-based artificial enzyme for combating bacteria and accelerating wound healing. <i>Nano Research</i> , 2020, 13, 496-502.	5.8	43
67	Colorimetric Band-aids for Point-of-Care Sensing and Treating Bacterial Infection. <i>ACS Central Science</i> , 2020, 6, 207-212.	5.3	81
68	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
69	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
70	A DNA/metal cluster-based nano-lantern as an intelligent theranostic device. <i>Chemical Communications</i> , 2020, 56, 5295-5298.	2.2	6
71	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
72	Carbon-based Nanozymes. <i>Nanostructure Science and Technology</i> , 2020, , 171-193.	0.1	3

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73	Renal-Clearable Porphyrinic Metal-Organic Framework Nanodots for Enhanced Photodynamic Therapy. <i>ACS Nano</i> , 2019, 13, 9206-9217.	7.3	110
74	Wireless near-infrared electrical stimulation of neurite outgrowth. <i>Chemical Communications</i> , 2019, 55, 9833-9836.	2.2	10
75	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
76	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
77	Remote and reversible control of in vivo bacteria clustering by NIR-driven multivalent upconverting nanosystems. <i>Biomaterials</i> , 2019, 217, 119310.	5.7	20
78	Exosomes for cell-targeted bioorthogonal catalysis. <i>Nature Catalysis</i> , 2019, 2, 837-838.	16.1	5
79	A Sequential Target-Responsive Nanocarrier with Enhanced Tumor Penetration and Neighboring Effect In Vivo. <i>Small</i> , 2019, 15, e1903323.	5.2	32
80	Defect-Rich Adhesive Nanozymes as Efficient Antibiotics for Enhanced Bacterial Inhibition. <i>Angewandte Chemie</i> , 2019, 131, 16382-16388.	1.6	11
81	Defect-Rich Adhesive Nanozymes as Efficient Antibiotics for Enhanced Bacterial Inhibition. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16236-16242.	7.2	246
82	Primer-Modified G-Quadruplex-Au Nanoparticles for Colorimetric Assay of Human Telomerase Activity and Initial Screening of Telomerase Inhibitors. <i>Methods in Molecular Biology</i> , 2019, 2035, 347-356.	0.4	2
83	Renal-clearable ultrasmall covalent organic framework nanodots as photodynamic agents for effective cancer therapy. <i>Biomaterials</i> , 2019, 223, 119462.	5.7	101
84	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
85	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
86	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
87	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
88	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
89	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
90	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

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91	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
92	Chirality-Selected Chemical Modulation of Amyloid Aggregation. <i>Journal of the American Chemical Society</i> , 2019, 141, 6915-6921.	6.6	87
93	Construction of Nanozyme@Hydrogel for Enhanced Capture and Elimination of Bacteria. <i>Advanced Functional Materials</i> , 2019, 29, 1900518.	7.8	213
94	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
95	Nanozymes: Classification, Catalytic Mechanisms, Activity Regulation, and Applications. <i>Chemical Reviews</i> , 2019, 119, 4357-4412.	23.0	1,955
96	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
97	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
98	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
99	G-quadruplex DNA regulates invertible circularly polarized luminescence. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13947-13952.	2.7	28
100	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
101	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
102	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
103	New insights into nanomaterials combating bacteria: ROS and beyond. <i>Science China Life Sciences</i> , 2019, 62, 150-152.	2.3	16
104	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
105	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
106	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
107	Enzyme Mimicry for Combating Bacteria and Biofilms. <i>Accounts of Chemical Research</i> , 2018, 51, 789-799.	7.6	347
108	Point-of-care Identification of Bacteria Using Protein-Encapsulated Gold Nanoclusters. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701370.	3.9	51

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109	Carbon Nanozymes: Enzymatic Properties, Catalytic Mechanism, and Applications. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9224-9237.	7.2	424
110	Seâ€Methylselenocysteine Ameliorates Neuropathology and Cognitive Deficits by Attenuating Oxidative Stress and Metal Dyshomeostasis in Alzheimer Model Mice. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800107.	1.5	32
111	<i>Journal of Materials Chemistry B</i> Editor's choice web collection: â€œ<i>Seeing the unseen</i> updated: advances in bioimagingâ€• <i>Journal of Materials Chemistry B</i> , 2018, 6, 2920-2921.	2.9	1
112	<i>Journal of Materials Chemistry B</i> Editor's choice web collection: â€˜â€˜Seeing the unseen updated: advances in biosensingâ€™â€™. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2922-2923.	2.9	0
113	DNA metallization: principles, methods, structures, and applications. <i>Chemical Society Reviews</i> , 2018, 47, 4017-4072.	18.7	156
114	Kohlenstoffâ€Nanozyme: Enzymatische Eigenschaften, Katalysemechanismen und Anwendungen. <i>Angewandte Chemie</i> , 2018, 130, 9366-9379.	1.6	21
115	Bioinspired Design of Fe<sup>3+</sup>â€Doped Mesoporous Carbon Nanospheres for Enhanced Nanozyme Activity. <i>Chemistry - A European Journal</i> , 2018, 24, 7259-7263.	1.7	69
116	Designed heterogeneous palladium catalysts for reversible light-controlled bioorthogonal catalysis in living cells. <i>Nature Communications</i> , 2018, 9, 1209.	5.8	136
117	Specific Oxygenated Groups Enriched Graphene Quantum Dots as Highly Efficient Enzyme Mimics. <i>Small</i> , 2018, 14, e1703710.	5.2	92
118	Stereochemistry and amyloid inhibition: Asymmetric triplex metallohelices enantioselectively bind to A $\beta$ peptide. <i>Science Advances</i> , 2018, 4, eaao6718.	4.7	66
119	Phytochemical-encapsulated nanoplatform for â€œon-demandâ€•synergistic treatment of multidrug-resistant bacteria. <i>Nano Research</i> , 2018, 11, 3762-3770.	5.8	28
120	Fingerprint-like pattern for recognition of thiols. <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 183-188.	4.0	10
121	Nanozyme Decorated Metalâ€Organic Frameworks for Enhanced Photodynamic Therapy. <i>ACS Nano</i> , 2018, 12, 651-661.	7.3	670
122	Nucleobases, nucleosides, and nucleotides: versatile biomolecules for generating functional nanomaterials. <i>Chemical Society Reviews</i> , 2018, 47, 1285-1306.	18.7	159
123	Seleniumâ€Based Nanozyme as Biomimetic Antioxidant Machinery. <i>Chemistry - A European Journal</i> , 2018, 24, 10224-10230.	1.7	51
124	Rational design of a â€œsense and treatâ€•system to target amyloid aggregates related to Alzheimerâ€™s disease. <i>Nano Research</i> , 2018, 11, 1987-1997.	5.8	21
125	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
126	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



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127	Graphitic carbon nitride nanosheets as a multifunctional nanoplatform for photochemical internalization-enhanced photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7908-7915.	2.9	28
128	Manipulating cell fate: dynamic control of cell behaviors on functional platforms. <i>Chemical Society Reviews</i> , 2018, 47, 8639-8684.	18.7	115
129	Nanozyme as Artificial Receptor with Multiple Readouts for Pattern Recognition. <i>Analytical Chemistry</i> , 2018, 90, 11775-11779.	3.2	92
130	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
131	Photomodulated Nanozyme Used for a Gram-Selective Antimicrobial. <i>Chemistry of Materials</i> , 2018, 30, 7027-7033.	3.2	92
132	Ultrasml 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
133	Mirror-Image Dependence: Targeting Enantiomeric Quadruplex DNA Using Triplex Metallohelices. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15723-15727.	7.2	44
134	Mirror-Image Dependence: Targeting Enantiomeric Quadruplex DNA Using Triplex Metallohelices. <i>Angewandte Chemie</i> , 2018, 130, 15949-15953.	1.6	21
135	Mesoporous Encapsulated Chiral Nanogold for Use in Enantioselective Reactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16791-16795.	7.2	91
136	Mesoporous Encapsulated Chiral Nanogold for Use in Enantioselective Reactions. <i>Angewandte Chemie</i> , 2018, 130, 17033-17037.	1.6	14
137	Metal-Organic Framework-Based Nanoplatform 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
138	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
139	Photocontrolled Multidirectional Differentiation of Mesenchymal Stem Cells on an Upconversion Substrate. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11182-11187.	7.2	46
140	Photocontrolled Multidirectional Differentiation of Mesenchymal Stem Cells on an Upconversion Substrate. <i>Angewandte Chemie</i> , 2018, 130, 11352-11357.	1.6	9
141	Near-Infrared Switchable Fullerene-Based Synergy Therapy for Alzheimer's Disease. <i>Small</i> , 2018, 14, e1801852.	5.2	93
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