Jinsong Ren

List of Publications by Year
in descending order

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		1614	3034
406	43,065	105	188
papers	citations	h-index	g-index

419	419	419	32737
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanozymes: Classification, Catalytic Mechanisms, Activity Regulation, and Applications. Chemical Reviews, 2019, 119, 4357-4412.	47.7	1,955
2	Graphene Oxide: Intrinsic Peroxidase Catalytic Activity and Its Application to Glucose Detection. Advanced Materials, 2010, 22, 2206-2210.	21.0	1,844
3	Catalytically Active Nanomaterials: A Promising Candidate for Artificial Enzymes. Accounts of Chemical Research, 2014, 47, 1097-1105.	15.6	1,020
4	Nanozyme Decorated Metalâ€“Organic Frameworks for Enhanced Photodynamic Therapy. ACS Nano, 2018, 12, 651-661.	14.6	670
5	Carbon Dots Prepared by Hydrothermal Treatment of Dopamine as an Effective Fluorescent Sensing Platform for the Labelâ€Free Detection of Iron(III) Ions and Dopamine. Chemistry - A European Journal, 2013, 19, 7243-7249.	3.3	632
6	Graphene Quantum Dots-Band-Aids Used for Wound Disinfection. ACS Nano, 2014, 8, 6202-6210.	14.6	628
7	Metal nanoclusters: novel probes for diagnostic and therapeutic applications. Chemical Society Reviews, 2015, 44, 8636-8663.	38.1	621
8	Microwave assisted one-step green synthesis of cell-permeable multicolor photoluminescent carbon dots without surface passivation reagents. Journal of Materials Chemistry, 2011, 21, 2445.	6.7	608
9	Sequence and Structural Selectivity of Nucleic Acid Binding Ligandsâ€. Biochemistry, 1999, 38, 16067-16075.	2.5	523
10	Bifunctionalized Mesoporous Silicaâ€Supported Gold Nanoparticles: Intrinsic Oxidase and Peroxidase Catalytic Activities for Antibacterial Applications. Advanced Materials, 2015, 27, 1097-1104.	21.0	511
11	Labelâ€Free Colorimetric Detection of Single Nucleotide Polymorphism by Using Singleâ€Walled Carbon Nanotube Intrinsic Peroxidaseâ€Like Activity. Chemistry - A European Journal, 2010, 16, 3617-3621.	3.3	484
12	Using Graphene Oxide High Nearâ€Infrared Absorbance for Photothermal Treatment of Alzheimer's Disease. Advanced Materials, 2012, 24, 1722-1728.	21.0	477
13	Biomimetic nanoflowers by self-assembly of nanozymes to induce intracellular oxidative damage against hypoxic tumors. Nature Communications, 2018, 9, 3334.	12.8	464
14	A graphene functionalized electrochemical aptasensor for selective label-free detection of cancer cells. Biomaterials, 2011, 32, 2930-2937.	11.4	458
15	Incorporating Graphene Oxide and Gold Nanoclusters: A Synergistic Catalyst with Surprisingly High Peroxidaseâ€Like Activity Over a Broad pH Range and its Application for Cancer Cell Detection. Advanced Materials, 2013, 25, 2594-2599.	21.0	441
16	Carbon Nanozymes: Enzymatic Properties, Catalytic Mechanism, and Applications. Angewandte Chemie - International Edition, 2018, 57, 9224-9237.	13.8	424
17	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
18	Copper(II)â€“Graphitic Carbon Nitride Triggered Synergy: Improved ROS Generation and Reduced Glutathione Levels for Enhanced Photodynamic Therapy. Angewandte Chemie - International Edition, 2016, 55, 11467-11471.	13.8	396

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19	Nearâ€Infrared Lightâ€Triggered, Targeted Drug Delivery to Cancer Cells by Aptamer Gated Nanovehicles. Advanced Materials, 2012, 24, 2890-2895.	21.0	388
20	Deciphering a Nanocarbonâ€Based Artificial Peroxidase: Chemical Identification of the Catalytically Active and Substrateâ€Binding Sites on Graphene Quantum Dots. Angewandte Chemie - International Edition, 2015, 54, 7176-7180.	13.8	380
21	Nanoâ€Gold as Artificial Enzymes: Hidden Talents. Advanced Materials, 2014, 26, 4200-4217.	21.0	378
22	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
23	Enzyme Mimicry for Combating Bacteria and Biofilms. Accounts of Chemical Research, 2018, 51, 789-799.	15.6	347
24	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
25	Selfâ€Assembly of Multiâ€nanozymes to Mimic an Intracellular Antioxidant Defense System. Angewandte Chemie - International Edition, 2016, 55, 6646-6650.	13.8	330
26	Recent advances in bioapplications of C-dots. Carbon, 2015, 85, 309-327.	10.3	328
27	Activation of biologically relevant levels of reactive oxygen species by Au/g-C3N4 hybrid nanozyme for bacteria killing and wound disinfection. Biomaterials, 2017, 113, 145-157.	11.4	318
28	Polyvalent Nucleic Acid/Mesoporous Silica Nanoparticle Conjugates: Dual Stimuliâ€Responsive Vehicles for Intracellular Drug Delivery. Angewandte Chemie - International Edition, 2011, 50, 882-886.	13.8	305
29	Hydrophobic Anticancer Drug Delivery by a 980 nm Laserâ€Driven Photothermal Vehicle for Efficient Synergistic Therapy of Cancer Cells In Vivo. Advanced Materials, 2013, 25, 4452-4458.	21.0	298
30	Energetics of DNA Intercalation Reactionsâ€. Biochemistry, 2000, 39, 8439-8447.	2.5	272
31	Electrochemical detection of dopamine using porphyrin-functionalized graphene. Biosensors and Bioelectronics, 2012, 34, 57-62.	10.1	256
32	Carboxyl-modified single-walled carbon nanotubes selectively induce human telomeric i-motif formation. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 19658-19663.	7.1	248
33	A dual fluorometric and colorimetric sensor for dopamine based on BSA-stabilized Aunanoclusters. Biosensors and Bioelectronics, 2013, 42, 41-46.	10.1	248
34	Defectâ€Rich Adhesive Nanozymes as Efficient Antibiotics for Enhanced Bacterial Inhibition. Angewandte Chemie - International Edition, 2019, 58, 16236-16242.	13.8	246
35	Light Controlled Reversible Inversion of Nanophosphor-Stabilized Pickering Emulsions for Biphasic Enantioselective Biocatalysis. Journal of the American Chemical Society, 2014, 136, 7498-7504.	13.7	240
36	Ag Nanoparticle-decorated graphene quantum dots for label-free, rapid and sensitive detection of Ag+ and biothiols. Chemical Communications, 2013, 49, 1079.	4.1	227

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37	Improvement of Photoluminescence of Graphene Quantum Dots with a Biocompatible Photochemical Reduction Pathway and Its Bioimaging Application. ACS Applied Materials & Interfaces, 2013, 5, 1174-1179.	8.0	224
38	Multicolor luminescent carbon nanoparticles: Synthesis, supramolecular assembly with porphyrin, intrinsic peroxidase-like catalytic activity and applications. Nano Research, 2011, 4, 908-920.	10.4	215
39	Construction of Nanozymeâ€Hydrogel for Enhanced Capture and Elimination of Bacteria. Advanced Functional Materials, 2019, 29, 1900518.	14.9	213
40	Mesoporous silica-encapsulated gold nanoparticles as artificial enzymes for self-activated cascade catalysis. Biomaterials, 2013, 34, 2600-2610.	11.4	212
41	Highly Photoluminescent Aminoâ€Functionalized Graphene Quantum Dots Used for Sensing Copper Ions. Chemistry - A European Journal, 2013, 19, 13362-13368.	3.3	211
42	Metalâ€Organicâ€Frameworkâ€Based Vaccine Platforms for Enhanced Systemic Immune and Memory Response. Advanced Functional Materials, 2016, 26, 6454-6461.	14.9	210
43	Silver nanoprobe for sensitive and selective colorimetric detection of dopaminevia robust Agâ€“catechol interaction. Chemical Communications, 2011, 47, 1181-1183.	4.1	209
44	Polyoxometalates as Inhibitors of the Aggregation of Amyloid Î² Peptides Associated with Alzheimerâ€™s Disease. Angewandte Chemie - International Edition, 2011, 50, 4184-4188.	13.8	208
45	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
46	3D Graphene Oxideâ€“Polymer Hydrogel: Nearâ€Infrared Lightâ€Triggered Active Scaffold for Reversible Cell Capture and Onâ€Demand Release. Advanced Materials, 2013, 25, 6737-6743.	21.0	204
47	Transition-metal-substituted polyoxometalate derivatives as functional anti-amyloid agents for Alzheimerâ€™s disease. Nature Communications, 2014, 5, 3422.	12.8	204
48	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
49	Programmed Bacteria Death Induced by Carbon Dots with Different Surface Charge. Small, 2016, 12, 4713-4718.	10.0	202
50	Non-Enzymatic-Browning-Reaction: A Versatile Route for Production of Nitrogen-Doped Carbon Dots with Tunable Multicolor Luminescent Display. Scientific Reports, 2014, 4, 3564.	3.3	201
51	Bacterial Hyaluronidase Selfâ€Triggered Prodrug Release for Chemoâ€Photothermal Synergistic Treatment of Bacterial Infection. Small, 2016, 12, 6200-6206.	10.0	200
52	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
53	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
54	Manganese Dioxide Nanozymes as Responsive Cytoprotective Shells for Individual Living Cell Encapsulation. Angewandte Chemie - International Edition, 2017, 56, 13661-13665.	13.8	196

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55	Near-Infrared Upconversion Controls Photocaged Cell Adhesion. Journal of the American Chemical Society, 2014, 136, 2248-2251.	13.7	192
56	An Efficient and Benign Antimicrobial Depot Based on Silver-Infused MoS₂. ACS Nano, 2017, 11, 4651-4659.	14.6	191
57	Modulating DNA-templated silver nanoclusters for fluorescence turn-on detection of thiol compounds. Chemical Communications, 2011, 47, 3487.	4.1	189
58	Stimuli-responsive controlled-release system using quadruplex DNA-capped silica nanocontainers. Nucleic Acids Research, 2011, 39, 1638-1644.	14.5	186
59	Immunostimulatory oligonucleotides-loaded cationic graphene oxide with photothermally enhanced immunogenicity for photothermal/immune cancer therapy. Biomaterials, 2014, 35, 9963-9971.	11.4	182
60	Chiral metallo-supramolecular complexes selectively recognize human telomeric G-quadruplex DNA. Nucleic Acids Research, 2008, 36, 5695-5703.	14.5	181
61	A Simple, Universal Colorimetric Assay for Endonuclease/Methyltransferase Activity and Inhibition Based on an Enzyme-Responsive Nanoparticle System. ACS Nano, 2009, 3, 1183-1189.	14.6	181
62	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
63	Visible-light-driven enhanced antibacterial and biofilm elimination activity of graphitic carbon nitride by embedded Ag nanoparticles. Nano Research, 2015, 8, 1648-1658.	10.4	179
64	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
65	Long-circulating Er3+-doped Yb2O3 up-conversion nanoparticle as an inÂvivo X-Ray CT imaging contrast agent. Biomaterials, 2012, 33, 6748-6757.	11.4	171
66	Nanoceriaâ€Triggered Synergetic Drug Release Based on CeO₂â€Capped Mesoporous Silica Hostâ€“Guest Interactions and Switchable Enzymatic Activity and Cellular Effects of CeO₂. Advanced Healthcare Materials, 2013, 2, 1591-1599.	7.6	168
67	A multi-stimuli responsive gold nanocageâ€“hyaluronic platform for targeted photothermal and chemotherapy. Biomaterials, 2014, 35, 9678-9688.	11.4	167
68	Bioresponsive Hyaluronic Acidâ€Capped Mesoporous Silica Nanoparticles for Targeted Drug Delivery. Chemistry - A European Journal, 2013, 19, 1778-1783.	3.3	161
69	Nucleobases, nucleosides, and nucleotides: versatile biomolecules for generating functional nanomaterials. Chemical Society Reviews, 2018, 47, 1285-1306.	38.1	159
70	A label-free fluorescent turn-on enzymatic amplification assay for DNA detection using ligand-responsive G-quadruplex formation. Chemical Communications, 2011, 47, 5461-5463.	4.1	157
71	DNA metallization: principles, methods, structures, and applications. Chemical Society Reviews, 2018, 47, 4017-4072.	38.1	156
72	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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73	A Reusable DNA Singleâ€Walled Carbonâ€Nanotubeâ€Based Fluorescent Sensor for Highly Sensitive and Selective Detection of Ag⁺ and Cysteine in Aqueous Solutions. Chemistry - A European Journal, 2010, 16, 8147-8154.	3.3	153
74	Luminescent Carbon Dot-Gated Nanovehicles for pH-Triggered Intracellular Controlled Release and Imaging. Langmuir, 2013, 29, 6396-6403.	3.5	153
75	Ionic liquids as precursors for highly luminescent, surface-different nitrogen-doped carbon dots used for label-free detection of Cu2+/Fe3+ and cell imaging. Analytica Chimica Acta, 2014, 809, 128-133.	5.4	152
76	Heterogeneous Assembled Nanocomplexes for Ratiometric Detection of Highly Reactive Oxygen Species in Vitro and in Vivo. ACS Nano, 2014, 8, 6014-6023.	14.6	151
77	Visualizing Human Telomerase Activity with Primerâ€Modified Au Nanoparticles. Small, 2012, 8, 259-264.	10.0	148
78	Long-circulating Gd2O3:Yb3+, Er3+ up-conversion nanoprobes as high-performance contrast agents for multi-modality imaging. Biomaterials, 2013, 34, 1712-1721.	11.4	146
79	Insights into the biomedical effects of carboxylated single-wall carbon nanotubes on telomerase and telomeres. Nature Communications, 2012, 3, 1074.	12.8	145
80	Ceria/POMs hybrid nanoparticles as a mimicking metallopeptidase for treatment of neurotoxicity of amyloid-Î² peptide. Biomaterials, 2016, 98, 92-102.	11.4	145
81	Labelâ€Free Ultrasensitive Detection of Human Telomerase Activity Using Porphyrinâ€Functionalized Graphene and Electrochemiluminescence Technique. Advanced Materials, 2012, 24, 2447-2452.	21.0	143
82	Self-assembly of an organicâ€“inorganic hybrid nanoflower as an efficient biomimetic catalyst for self-activated tandem reactions. Chemical Communications, 2015, 51, 4386-4389.	4.1	143
83	Chiral Metallohelical Complexes Enantioselectively Target Amyloid Î² for Treating Alzheimerâ€™s Disease. Journal of the American Chemical Society, 2014, 136, 11655-11663.	13.7	142
84	DNA/Ligand/Ion-Based Ensemble for Fluorescence Turn on Detection of Cysteine and Histidine with Tunable Dynamic Range. Analytical Chemistry, 2010, 82, 8211-8216.	6.5	139
85	Liberation of Copper from Amyloid Plaques: Making a Risk Factor Useful for Alzheimerâ€™s Disease Treatment. Journal of Medicinal Chemistry, 2012, 55, 9146-9155.	6.4	137
86	Detection of a Prognostic Indicator in Earlyâ€Stage Cancer Using Functionalized Grapheneâ€Based Peptide Sensors. Advanced Materials, 2012, 24, 125-131.	21.0	136
87	Designed heterogeneous palladium catalysts for reversible light-controlled bioorthogonal catalysis in living cells. Nature Communications, 2018, 9, 1209.	12.8	136
88	Cerium oxide caged metal chelator: anti-aggregation and anti-oxidation integrated H2O2-responsive controlled drug release for potential Alzheimer's disease treatment. Chemical Science, 2013, 4, 2536.	7.4	133
89	Carbon Nanomaterials and DNA: from Molecular Recognition to Applications. Accounts of Chemical Research, 2016, 49, 461-470.	15.6	132
90	Engineered, self-assembled near-infrared photothermal agents for combined tumor immunotherapy and chemo-photothermal therapy. Biomaterials, 2014, 35, 6646-6656.	11.4	131

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91	Ultrasensitive and Selective Detection of a Prognostic Indicator in Earlyâ€Stage Cancer Using Graphene Oxide and Carbon Nanotubes. Advanced Functional Materials, 2010, 20, 3967-3971.	14.9	130
92	Tumor Microenvironment Activated Photothermal Strategy for Precisely Controlled Ablation of Solid Tumors upon NIR Irradiation. Advanced Functional Materials, 2015, 25, 1574-1580.	14.9	129
93	Natural DNA-Modified Graphene/Pd Nanoparticles as Highly Active Catalyst for Formic Acid Electro-Oxidation and for the Suzuki Reaction. ACS Applied Materials & Interfaces, 2012, 4, 5001-5009.	8.0	128
94	Combination of Graphene Oxide and Thiolâ€Activated DNA Metallization for Sensitive Fluorescence Turnâ€On Detection of Cysteine and Their Use for Logic Gate Operations. Advanced Functional Materials, 2011, 21, 4565-4572.	14.9	127
95	Goldâ€Nanoparticleâ€Based Multifunctional Amyloidâ€Î² Inhibitor against Alzheimerâ€™s Disease. Chemistry - A European Journal, 2015, 21, 829-835.	3.3	127
96	Targeting Human Telomeric Higher-Order DNA: Dimeric G-Quadruplex Units Serve as Preferred Binding Site. Journal of the American Chemical Society, 2013, 135, 18786-18789.	13.7	123
97	Polypyrrole nanoparticles as promising enzyme mimics for sensitive hydrogen peroxide detection. Chemical Communications, 2014, 50, 3030-3032.	4.1	122
98	Design of Surfaceâ€Active Artificial Enzyme Particles to Stabilize Pickering Emulsions for Highâ€Performance Biphasic Biocatalysis. Advanced Materials, 2016, 28, 1682-1688.	21.0	121
99	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
100	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
101	i-Motif Quadruplex DNA-Based Biosensor for Distinguishing Single- and Multiwalled Carbon Nanotubes. Journal of the American Chemical Society, 2009, 131, 13813-13818.	13.7	117
102	Biomineralization inspired surface engineering of nanocarriers for pH-responsive, targeted drug delivery. Biomaterials, 2013, 34, 1364-1371.	11.4	117
103	Multiconfigurable Logic Gates Based on Fluorescence Switching in Adaptive Coordination Polymer Nanoparticles. Advanced Materials, 2014, 26, 1111-1117.	21.0	115
104	Manipulating cell fate: dynamic control of cell behaviors on functional platforms. Chemical Society Reviews, 2018, 47, 8639-8684.	38.1	115
105	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
106	Noninvasive and Reversible Cell Adhesion and Detachment via Single-Wavelength Near-Infrared Laser Mediated Photoisomerization. Journal of the American Chemical Society, 2015, 137, 8199-8205.	13.7	111
107	Hyaluronic Acid-Templated Ag Nanoparticles/Graphene Oxide Composites for Synergistic Therapy of Bacteria Infection. ACS Applied Materials & Interfaces, 2017, 9, 19717-19724.	8.0	110
108	Renal-Clearable Porphyrinic Metalâ€“Organic Framework Nanodots for Enhanced Photodynamic Therapy. ACS Nano, 2019, 13, 9206-9217.	14.6	110

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109	Self-Propelled Active Photothermal Nanoswimmer for Deep-Layered Elimination of Biofilm In Vivo. Nano Letters, 2020, 20, 7350-7358.	9.1	108
110	Self-assembled, functionalized graphene and DNA as a universal platform for colorimetric assays. Biomaterials, 2013, 34, 4810-4817.	11.4	107
111	Nearâ€Infraredâ€and pHâ€Responsive System for Reversible Cell Adhesion using Graphene/Gold Nanorods Functionalized with iâ€Motif DNA. Angewandte Chemie - International Edition, 2013, 52, 6726-6730.	13.8	107
112	Molecular recognition of nucleic acids: Coralyne binds strongly to poly(A). FEBS Letters, 2005, 579, 5035-5039.	2.8	106
113	Multifunctional upconverting nanoparticles for near-infrared triggered and synergistic antibacterial resistance therapy. Chemical Communications, 2014, 50, 10488-10490.	4.1	106
114	Nucleoside Triphosphates as Promoters to Enhance Nanoceria Enzymeâ€like Activity and for Singleâ€Nucleotide Polymorphism Typing. Advanced Functional Materials, 2014, 24, 1624-1630.	14.9	105
115	DNAâ€mediated Construction of Hollow Upconversion Nanoparticles for Protein Harvesting and Nearâ€Infrared Light Triggered Release. Advanced Materials, 2014, 26, 2424-2430.	21.0	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.	13.7	102
117	A Smart Nanoassembly for Multistage Targeted Drug Delivery and Magnetic Resonance Imaging. Advanced Functional Materials, 2014, 24, 3612-3620.	14.9	102
118	Individual Surfaceâ€Engineered Microorganisms as Robust Pickering Interfacial Biocatalysts for Resistanceâ€Minimized Phaseâ€Transfer Bioconversion. Angewandte Chemie - International Edition, 2015, 54, 4904-4908.	13.8	101
119	Renal-clearable ultrasmall covalent organic framework nanodots as photodynamic agents for effective cancer therapy. Biomaterials, 2019, 223, 119462.	11.4	101
120	Engineered CpGâ€Antigen Conjugates Protected Gold Nanoclusters as Smart Selfâ€Vaccines for Enhanced Immune Response and Cell Imaging. Advanced Functional Materials, 2014, 24, 1004-1010.	14.9	99
121	Synthesis of Fluorinated and Nonfluorinated Graphene Quantum Dots through a New Topâ€Down Strategy for Longâ€Time Cellular Imaging. Chemistry - A European Journal, 2015, 21, 3791-3797.	3.3	99
122	An efficient nano-based theranostic system for multi-modal imaging-guided photothermal sterilization in gastrointestinal tract. Biomaterials, 2015, 56, 206-218.	11.4	98
123	Selfâ€Assembled Peptideâ€“Polyoxometalate Hybrid Nanospheres: Two in One Enhances Targeted Inhibition of Amyloid Î²â€Peptide Aggregation Associated with Alzheimer's Disease. Small, 2013, 9, 3455-3461.	10.0	97
124	Polyoxometalate-based nanozyme: Design of a multifunctional enzyme for multi-faceted treatment of Alzheimerâ€™s disease. Nano Research, 2016, 9, 1079-1090.	10.4	96
125	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
126	Nanocomposite Incorporating V₂O₅ 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.	3.3	95

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127	Near-Infrared Light-Triggered Drug-Delivery Vehicle for Mitochondria-Targeted Chemo-Photothermal Therapy. ACS Applied Materials & Interfaces, 2014, 6, 4364-4370.	8.0	95
128	Upconversion nanoprobes for efficiently inÂvitro imaging reactive oxygen species and inÂvivo diagnosing rheumatoid arthritis. Biomaterials, 2015, 39, 15-22.	11.4	95
129	Copper(II)â€“Graphitic Carbon Nitride Triggered Synergy: Improved ROS Generation and Reduced Glutathione Levels for Enhanced Photodynamic Therapy. Angewandte Chemie, 2016, 128, 11639-11643.	2.0	95
130	Ultrasensitive and Selective Detection of a Prognostic Indicator in Early-Stage Cancer Using Graphene Oxide and Carbon Nanotubes. Advanced Functional Materials, 2010, 20, 3966-3966.	14.9	94
131	Using Thermally Regenerable Cerium Oxide Nanoparticles in Biocomputing to Perform Labelâ€free, Resettable, and Colorimetric Logic Operations. Angewandte Chemie - International Edition, 2012, 51, 12579-12583.	13.8	93
132	Spatiotemporal control of cellâ€“cell reversible interactions using molecular engineering. Nature Communications, 2016, 7, 13088.	12.8	93
133	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
134	Nearâ€Infrared Switchable Fullereneâ€Based Synergy Therapy for Alzheimer's Disease. Small, 2018, 14, e1801852.	10.0	93
135	Specific Oxygenated Groups Enriched Graphene Quantum Dots as Highly Efficient Enzyme Mimics. Small, 2018, 14, e1703710.	10.0	92
136	Nanozyme as Artificial Receptor with Multiple Readouts for Pattern Recognition. Analytical Chemistry, 2018, 90, 11775-11779.	6.5	92
137	Photomodulated Nanozyme Used for a Gram-Selective Antimicrobial. Chemistry of Materials, 2018, 30, 7027-7033.	6.7	92
138	Recognition and regulation of unique nucleic acid structures by small molecules. Chemical Communications, 2010, 46, 7283.	4.1	91
139	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
140	Mesoporous Encapsulated Chiral Nanogold for Use in Enantioselective Reactions. Angewandte Chemie - International Edition, 2018, 57, 16791-16795.	13.8	91
141	Nucleic Acids and Smart Materials: Advanced Building Blocks for Logic Systems. Advanced Materials, 2014, 26, 5742-5757.	21.0	89
142	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
143	A Smart â€œSenseâ€Actâ€Treatâ€•System: Combining a Ratiometric pH Sensor with a Near Infrared Therapeutic Gold Nanocage. Advanced Materials, 2014, 26, 6635-6641.	21.0	88
144	Chirality-Selected Chemical Modulation of Amyloid Aggregation. Journal of the American Chemical Society, 2019, 141, 6915-6921.	13.7	87

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145	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
146	Miniaturization of Metalâ€“Biomolecule Frameworks Based on Stereoselective Selfâ€Assembly and Potential Application in Water Treatment and as Antibacterial Agents. Chemistry - A European Journal, 2012, 18, 4322-4328.	3.3	86
147	A Î²â€Lactamaseâ€Imprinted Responsive Hydrogel for the Treatment of Antibioticâ€Resistant Bacteria. Angewandte Chemie - International Edition, 2016, 55, 8049-8053.	13.8	86
148	Current Strategies for Modulating AÎ² Aggregation with Multifunctional Agents. Accounts of Chemical Research, 2021, 54, 2172-2184.	15.6	86
149	Siteâ€Specific DNAâ€Programmed Growth of Fluorescent and Functional Silver Nanoclusters. Chemistry - A European Journal, 2011, 17, 3774-3780.	3.3	85
150	A Multiâ€synergistic Platform for Sequential Irradiationâ€Activated Highâ€Performance Apoptotic Cancer Therapy. Advanced Functional Materials, 2014, 24, 522-529.	14.9	85
151	Mussel Byssusâ€Like Reversible Metalâ€Chelated Supramolecular Complex Used for Dynamic Cellular Surface Engineering and Imaging. Advanced Functional Materials, 2015, 25, 3775-3784.	14.9	85
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