

Jinsong Ren

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400
papers

32,608
citations

98
h-index

165
g-index

419
ext. papers

37,568
ext. citations

11.4
avg, IF

7.88
L-index

#	Paper	IF	Citations
400	Graphene oxide: intrinsic peroxidase catalytic activity and its application to glucose detection. <i>Advanced Materials</i> , 2010 , 22, 2206-10	24	1592
399	Nanozymes: Classification, Catalytic Mechanisms, Activity Regulation, and Applications. <i>Chemical Reviews</i> , 2019 , 119, 4357-4412	68.1	1010
398	Catalytically active nanomaterials: a promising candidate for artificial enzymes. <i>Accounts of Chemical Research</i> , 2014 , 47, 1097-105	24.3	846
397	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, 7243-9	4.8	562
396	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		518
395	Metal nanoclusters: novel probes for diagnostic and therapeutic applications. <i>Chemical Society Reviews</i> , 2015 , 44, 8636-63	58.5	504
394	Graphene quantum dots-band-aids used for wound disinfection. <i>ACS Nano</i> , 2014 , 8, 6202-10	16.7	485
393	Sequence and structural selectivity of nucleic acid binding ligands. <i>Biochemistry</i> , 1999 , 38, 16067-75	3.2	473
392	Nanozyme Decorated Metal-Organic Frameworks for Enhanced Photodynamic Therapy. <i>ACS Nano</i> , 2018 , 12, 651-661	16.7	464
391	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, 3617-21	4.8	442
390	Using graphene oxide high near-infrared absorbance for photothermal treatment of Alzheimer's disease. <i>Advanced Materials</i> , 2012 , 24, 1722-8	24	423
389	A graphene functionalized electrochemical aptasensor for selective label-free detection of cancer cells. <i>Biomaterials</i> , 2011 , 32, 2930-7	15.6	421
388	Bifunctionalized mesoporous silica-supported gold nanoparticles: intrinsic oxidase and peroxidase catalytic activities for antibacterial applications. <i>Advanced Materials</i> , 2015 , 27, 1097-104	24	385
387	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, 2594-9	24	372
386	Near-infrared light-triggered, targeted drug delivery to cancer cells by aptamer gated nanovehicles. <i>Advanced Materials</i> , 2012 , 24, 2890-5	24	364
385	Biomimetic nanoflowers by self-assembly of nanozymes to induce intracellular oxidative damage against hypoxic tumors. <i>Nature Communications</i> , 2018 , 9, 3334	17.4	308
384	Nano-gold as artificial enzymes: hidden talents. <i>Advanced Materials</i> , 2014 , 26, 4200-17	24	290

383	Polyvalent nucleic acid/mesoporous silica nanoparticle conjugates: dual stimuli-responsive vehicles for intracellular drug delivery. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 882-6	16.4	286
382	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, 11467-71	16.4	282
381	Recent advances in bioapplications of C-dots. <i>Carbon</i> , 2015 , 85, 309-327	10.4	280
380	Hydrophobic anticancer drug delivery by a 980 nm laser-driven photothermal vehicle for efficient synergistic therapy of cancer cells in vivo. <i>Advanced Materials</i> , 2013 , 25, 4452-8	24	276
379	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, 7176-80	16.4	274
378	Carbon Nanozymes: Enzymatic Properties, Catalytic Mechanism, and Applications. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9224-9237	16.4	274
377	Energetics of DNA intercalation reactions. <i>Biochemistry</i> , 2000 , 39, 8439-47	3.2	259
376	Activation of biologically relevant levels of reactive oxygen species by Au/g-CN hybrid nanozyme for bacteria killing and wound disinfection. <i>Biomaterials</i> , 2017 , 113, 145-157	15.6	234
375	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, 19658-63	11.5	233
374	Electrochemical detection of dopamine using porphyrin-functionalized graphene. <i>Biosensors and Bioelectronics</i> , 2012 , 34, 57-62	11.8	228
373	A dual fluorometric and colorimetric sensor for dopamine based on BSA-stabilized Au nanoclusters. <i>Biosensors and Bioelectronics</i> , 2013 , 42, 41-6	11.8	218
372	Enzyme Mimicry for Combating Bacteria and Biofilms. <i>Accounts of Chemical Research</i> , 2018 , 51, 789-799	24.3	216
371	Self-Assembly of Multi-nanozymes to Mimic an Intracellular Antioxidant Defense System. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6646-50	16.4	214
370	Erythrocyte Membrane Cloaked Metal-Organic Framework Nanoparticle as Biomimetic Nanoreactor for Starvation-Activated Colon Cancer Therapy. <i>ACS Nano</i> , 2018 , 12, 10201-10211	16.7	214
369	Ag nanoparticle-decorated graphene quantum dots for label-free, rapid and sensitive detection of Ag ⁺ and biothiols. <i>Chemical Communications</i> , 2013 , 49, 1079-81	5.8	211
368	Two-Dimensional Metal-Organic Framework/Enzyme Hybrid Nanocatalyst as a Benign and Self-Activated Cascade Reagent for in Vivo Wound Healing. <i>ACS Nano</i> , 2019 , 13, 5222-5230	16.7	202
367	Improvement of photoluminescence of graphene quantum dots with a biocompatible photochemical reduction pathway and its bioimaging application. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 1174-9	9.5	202
366	Bioinspired Construction of a Nanozyme-Based HO Homeostasis Disruptor for Intensive Chemodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2020 , 142, 5177-5183	16.4	195

365	Light controlled reversible inversion of nanophosphor-stabilized Pickering emulsions for biphasic enantioselective biocatalysis. <i>Journal of the American Chemical Society</i> , 2014 , 136, 7498-504	16.4	190
364	Highly photoluminescent amino-functionalized graphene quantum dots used for sensing copper ions. <i>Chemistry - A European Journal</i> , 2013 , 19, 13362-8	4.8	187
363	Modulating DNA-templated silver nanoclusters for fluorescence turn-on detection of thiol compounds. <i>Chemical Communications</i> , 2011 , 47, 3487-9	5.8	185
362	Silver nanoprobe for sensitive and selective colorimetric detection of dopamine via robust Ag-catechol interaction. <i>Chemical Communications</i> , 2011 , 47, 1181-3	5.8	184
361	Multicolor luminescent carbon nanoparticles: Synthesis, supramolecular assembly with porphyrin, intrinsic peroxidase-like catalytic activity and applications. <i>Nano Research</i> , 2011 , 4, 908-920	10	184
360	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, 6737-43	24	179
359	Stimuli-responsive controlled-release system using quadruplex DNA-capped silica nanocontainers. <i>Nucleic Acids Research</i> , 2011 , 39, 1638-44	20.1	178
358	Mesoporous silica-encapsulated gold nanoparticles as artificial enzymes for self-activated cascade catalysis. <i>Biomaterials</i> , 2013 , 34, 2600-10	15.6	177
357	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	4.9	175
356	Near-infrared upconversion controls photocaged cell adhesion. <i>Journal of the American Chemical Society</i> , 2014 , 136, 2248-51	16.4	170
355	Polyoxometalates as inhibitors of the aggregation of amyloid β peptides associated with Alzheimer's disease. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 4184-8	16.4	170
354	A simple, universal colorimetric assay for endonuclease/methyltransferase activity and inhibition based on an enzyme-responsive nanoparticle system. <i>ACS Nano</i> , 2009 , 3, 1183-9	16.7	169
353	Chiral metallo-supramolecular complexes selectively recognize human telomeric G-quadruplex DNA. <i>Nucleic Acids Research</i> , 2008 , 36, 5695-703	20.1	166
352	Transition-metal-substituted polyoxometalate derivatives as functional anti-amyloid agents for Alzheimer's disease. <i>Nature Communications</i> , 2014 , 5, 3422	17.4	160
351	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	10	155
350	Immunostimulatory oligonucleotides-loaded cationic graphene oxide with photothermally enhanced immunogenicity for photothermal/immune cancer therapy. <i>Biomaterials</i> , 2014 , 35, 9963-9971	15.6	155
349	A label-free fluorescent turn-on enzymatic amplification assay for DNA detection using ligand-responsive G-quadruplex formation. <i>Chemical Communications</i> , 2011 , 47, 5461-3	5.8	154
348	Metal-Organic-Framework-Based Vaccine Platforms for Enhanced Systemic Immune and Memory Response. <i>Advanced Functional Materials</i> , 2016 , 26, 6454-6461	15.6	152

347	Bacterial Hyaluronidase Self-Triggered Prodrug Release for Chemo-Photothermal Synergistic Treatment of Bacterial Infection. <i>Small</i> , 2016 , 12, 6200-6206	11	150
346	A multi-stimuli responsive gold nanocage-hyaluronic platform for targeted photothermal and chemotherapy. <i>Biomaterials</i> , 2014 , 35, 9678-88	15.6	149
345	Long-circulating Er ³⁺ -doped Yb ₂ O ₃ up-conversion nanoparticle as an in vivo X-Ray CT imaging contrast agent. <i>Biomaterials</i> , 2012 , 33, 6748-57	15.6	149
344	A reusable DNA single-walled carbon-nanotube-based fluorescent sensor for highly sensitive and selective detection of Ag ⁺ and cysteine in aqueous solutions. <i>Chemistry - A European Journal</i> , 2010 , 16, 8147-54	4.8	146
343	Nanoceria-triggered synergetic drug release based on CeO ₂ -capped mesoporous silica host-guest interactions and switchable enzymatic activity and cellular effects of CeO ₂ . <i>Advanced Healthcare Materials</i> , 2013 , 2, 1591-9	10.1	145
342	An Efficient and Benign Antimicrobial Depot Based on Silver-Infused MoS ₂ . <i>ACS Nano</i> , 2017 , 11, 4651-4659	16.7	139
341	Long-circulating Gd ₂ O ₃ :Yb ³⁺ , Er ³⁺ up-conversion nanoprobe as high-performance contrast agents for multi-modality imaging. <i>Biomaterials</i> , 2013 , 34, 1712-21	15.6	139
340	Luminescent carbon dot-gated nanovehicles for pH-triggered intracellular controlled release and imaging. <i>Langmuir</i> , 2013 , 29, 6396-403	4	137
339	Visualizing human telomerase activity with primer-modified Au nanoparticles. <i>Small</i> , 2012 , 8, 259-64	11	134
338	Label-free ultrasensitive detection of human telomerase activity using porphyrin-functionalized graphene and electrochemiluminescence technique. <i>Advanced Materials</i> , 2012 , 24, 2447-52	24	134
337	Heterogeneous assembled nanocomplexes for ratiometric detection of highly reactive oxygen species in vitro and in vivo. <i>ACS Nano</i> , 2014 , 8, 6014-23	16.7	132
336	Ionic liquids as precursors for highly luminescent, surface-different nitrogen-doped carbon dots used for label-free detection of Cu ²⁺ /Fe ³⁺ and cell imaging. <i>Analytica Chimica Acta</i> , 2014 , 809, 128-33	6.6	132
335	Bioresponsive hyaluronic acid-capped mesoporous silica nanoparticles for targeted drug delivery. <i>Chemistry - A European Journal</i> , 2013 , 19, 1778-83	4.8	132
334	Defect-Rich Adhesive Nanozymes as Efficient Antibiotics for Enhanced Bacterial Inhibition. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16236-16242	16.4	129
333	DNA/ligand/ion-based ensemble for fluorescence turn on detection of cysteine and histidine with tunable dynamic range. <i>Analytical Chemistry</i> , 2010 , 82, 8211-6	7.8	129
332	Detection of a prognostic indicator in early-stage cancer using functionalized graphene-based peptide sensors. <i>Advanced Materials</i> , 2012 , 24, 125-31	24	126
331	Programmed Bacteria Death Induced by Carbon Dots with Different Surface Charge. <i>Small</i> , 2016 , 12, 4713-8	11	126
330	Manganese Dioxide Nanozymes as Responsive Cytoprotective Shells for Individual Living Cell Encapsulation. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 13661-13665	16.4	124

329	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	15.6	123
328	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	15.6	122
327	Liberation of copper from amyloid plaques: making a risk factor useful for Alzheimer's disease treatment. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 9146-55	8.3	121
326	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	11.5	120
325	Self-assembly of an organic-inorganic hybrid nanoflower as an efficient biomimetic catalyst for self-activated tandem reactions. <i>Chemical Communications</i> , 2015 , 51, 4386-9	5.8	117
324	Nucleobases, nucleosides, and nucleotides: versatile biomolecules for generating functional nanomaterials. <i>Chemical Society Reviews</i> , 2018 , 47, 1285-1306	58.5	116
323	Engineered, self-assembled near-infrared photothermal agents for combined tumor immunotherapy and chemo-photothermal therapy. <i>Biomaterials</i> , 2014 , 35, 6646-56	15.6	116
322	Insights into the biomedical effects of carboxylated single-wall carbon nanotubes on telomerase and telomeres. <i>Nature Communications</i> , 2012 , 3, 1074	17.4	116
321	Carbon Nanomaterials and DNA: from Molecular Recognition to Applications. <i>Accounts of Chemical Research</i> , 2016 , 49, 461-70	24.3	113
320	Chiral metallohelical complexes enantioselectively target amyloid I for treating Alzheimer's disease. <i>Journal of the American Chemical Society</i> , 2014 , 136, 11655-63	16.4	112
319	i-Motif quadruplex DNA-based biosensor for distinguishing single- and multiwalled carbon nanotubes. <i>Journal of the American Chemical Society</i> , 2009 , 131, 13813-8	16.4	111
318	Natural DNA-modified graphene/Pd nanoparticles as highly active catalyst for formic acid electro-oxidation and for the Suzuki reaction. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 5001-9	9.5	110
317	Construction of Nanozyme-Hydrogel for Enhanced Capture and Elimination of Bacteria. <i>Advanced Functional Materials</i> , 2019 , 29, 1900518	15.6	109
316	DNA metallization: principles, methods, structures, and applications. <i>Chemical Society Reviews</i> , 2018 , 47, 4017-4072	58.5	108
315	Tumor Microenvironment Activated Photothermal Strategy for Precisely Controlled Ablation of Solid Tumors upon NIR Irradiation. <i>Advanced Functional Materials</i> , 2015 , 25, 1574-1580	15.6	108
314	Cerium oxide caged metal chelator: anti-aggregation and anti-oxidation integrated H ₂ O ₂ -responsive controlled drug release for potential Alzheimer's disease treatment. <i>Chemical Science</i> , 2013 , 4, 2536	9.4	107
313	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, 18786-9	16.4	106
312	Design of Surface-Active Artificial Enzyme Particles to Stabilize Pickering Emulsions for High-Performance Biphasic Biocatalysis. <i>Advanced Materials</i> , 2016 , 28, 1682-8	24	105

311	Biom mineralization inspired surface engineering of nanocarriers for pH-responsive, targeted drug delivery. <i>Biomaterials</i> , 2013 , 34, 1364-71	15.6	104
310	Polypyrrole nanoparticles as promising enzyme mimics for sensitive hydrogen peroxide detection. <i>Chemical Communications</i> , 2014 , 50, 3030-2	5.8	103
309	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	15.6	102
308	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	15.6	102
307	Ceria/POMs hybrid nanoparticles as a mimicking metallopeptidase for treatment of neurotoxicity of amyloid- β peptide. <i>Biomaterials</i> , 2016 , 98, 92-102	15.6	101
306	Multiconfigurable logic gates based on fluorescence switching in adaptive coordination polymer nanoparticles. <i>Advanced Materials</i> , 2014 , 26, 1111-7	24	101
305	Near-infrared- and pH-responsive system for reversible cell adhesion using graphene/gold nanorods functionalized with i-motif DNA. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 6726-30	16.4	101
304	DNA-mediated construction of hollow upconversion nanoparticles for protein harvesting and near-infrared light triggered release. <i>Advanced Materials</i> , 2014 , 26, 2424-30	24	99
303	Self-assembled, functionalized graphene and DNA as a universal platform for colorimetric assays. <i>Biomaterials</i> , 2013 , 34, 4810-7	15.6	99
302	Molecular recognition of nucleic acids: coralyne binds strongly to poly(A). <i>FEBS Letters</i> , 2005 , 579, 5035-9	9.8	98
301	Gold-nanoparticle-based multifunctional amyloid- β inhibitor against Alzheimer's disease. <i>Chemistry - A European Journal</i> , 2015 , 21, 829-35	4.8	93
300	Ionic liquid as an efficient modulator on artificial enzyme system: toward the realization of high-temperature catalytic reactions. <i>Journal of the American Chemical Society</i> , 2013 , 135, 4207-10	16.4	93
299	An efficient nano-based theranostic system for multi-modal imaging-guided photothermal sterilization in gastrointestinal tract. <i>Biomaterials</i> , 2015 , 56, 206-18	15.6	92
298	Multifunctional upconverting nanoparticles for near-infrared triggered and synergistic antibacterial resistance therapy. <i>Chemical Communications</i> , 2014 , 50, 10488-90	5.8	92
297	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, 8199-205	16.4	91
296	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	16.4	90
295	Engineered CpG-Antigen Conjugates Protected Gold Nanoclusters as Smart Self-Vaccines for Enhanced Immune Response and Cell Imaging. <i>Advanced Functional Materials</i> , 2014 , 24, 1004-1010	15.6	90
294	Porphyrin MOF Dots-Based, Function-Adaptive Nanoplatform for Enhanced Penetration and Photodynamic Eradication of Bacterial Biofilms. <i>Advanced Functional Materials</i> , 2019 , 29, 1903018	15.6	88

293	Nucleoside Triphosphates as Promoters to Enhance Nanoceria Enzyme-like Activity and for Single-Nucleotide Polymorphism Typing. <i>Advanced Functional Materials</i> , 2014 , 24, 1624-1630	15.6	88
292	Synthesis of fluorinated and nonfluorinated graphene quantum dots through a new top-down strategy for long-time cellular imaging. <i>Chemistry - A European Journal</i> , 2015 , 21, 3791-7	4.8	88
291	Hyaluronic Acid-Templated Ag Nanoparticles/Graphene Oxide Composites for Synergistic Therapy of Bacteria Infection. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 19717-19724	9.5	86
290	Individual surface-engineered microorganisms as robust Pickering interfacial biocatalysts for resistance-minimized phase-transfer bioconversion. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 4904-8	16.4	86
289	Upconversion nanoprobe for efficiently in vitro imaging reactive oxygen species and in vivo diagnosing rheumatoid arthritis. <i>Biomaterials</i> , 2015 , 39, 15-22	15.6	86
288	A Smart Nanoassembly for Multistage Targeted Drug Delivery and Magnetic Resonance Imaging. <i>Advanced Functional Materials</i> , 2014 , 24, 3612-3620	15.6	86
287	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	16.4	82
286	Designed heterogeneous palladium catalysts for reversible light-controlled bioorthogonal catalysis in living cells. <i>Nature Communications</i> , 2018 , 9, 1209	17.4	82
285	Near-infrared light-triggered drug-delivery vehicle for mitochondria-targeted chemo-photothermal therapy. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 4364-70	9.5	82
284	Recognition and regulation of unique nucleic acid structures by small molecules. <i>Chemical Communications</i> , 2010 , 46, 7283-94	5.8	82
283	Manipulating cell fate: dynamic control of cell behaviors on functional platforms. <i>Chemical Society Reviews</i> , 2018 , 47, 8639-8684	58.5	82
282	Nucleic acids and smart materials: advanced building blocks for logic systems. <i>Advanced Materials</i> , 2014 , 26, 5742-57	24	81
281	Site-specific DNA-programmed growth of fluorescent and functional silver nanoclusters. <i>Chemistry - A European Journal</i> , 2011 , 17, 3774-80	4.8	81
280	Nanocomposite incorporating V ₂ O ₅ nanowires and gold nanoparticles for mimicking an enzyme cascade reaction and its application in the detection of biomolecules. <i>Chemistry - A European Journal</i> , 2014 , 20, 7501-6	4.8	80
279	A smart "sense-act-treat" system: combining a ratiometric pH sensor with a near infrared therapeutic gold nanocage. <i>Advanced Materials</i> , 2014 , 26, 6635-41	24	79
278	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, 4322-8	4.8	79
277	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	3.6	79
276	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, 12579-83	16.4	77

275	Self-assembled peptide-polyoxometalate hybrid nanospheres: two in one enhances targeted inhibition of amyloid β peptide aggregation associated with Alzheimer's disease. <i>Small</i> , 2013 , 9, 3455-61	11	76
274	Near-infrared absorbing mesoporous carbon nanoparticle as an intelligent drug carrier for dual-triggered synergistic cancer therapy. <i>Carbon</i> , 2015 , 82, 479-488	10.4	74
273	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, The</i> , 2012 , 137, 2588-92	5	74
272	Spatiotemporal control of cell-cell reversible interactions using molecular engineering. <i>Nature Communications</i> , 2016 , 7, 13088	17.4	73
271	Toward site-specific, homogeneous and highly stable fluorescent silver nanoclusters fabrication on triplex DNA scaffolds. <i>Nucleic Acids Research</i> , 2012 , 40, e122	20.1	73
270	A quadruplex-based, label-free, and real-time fluorescence assay for RNase H activity and inhibition. <i>Chemistry - A European Journal</i> , 2010 , 16, 2605-10	4.8	73
269	A Lactamase-Imprinted Responsive Hydrogel for the Treatment of Antibiotic-Resistant Bacteria. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 8049-53	16.4	73
268	Encapsulation of aggregated gold nanoclusters in a metal-organic framework for real-time monitoring of drug release. <i>Nanoscale</i> , 2017 , 9, 4128-4134	7.7	72
267	A NIR-controlled cage mimicking system for hydrophobic drug mediated cancer therapy. <i>Biomaterials</i> , 2017 , 139, 151-162	15.6	72
266	Upconverting nanoparticles with a mesoporous TiO ₂ shell for near-infrared-triggered drug delivery and synergistic targeted cancer therapy. <i>Chemistry - A European Journal</i> , 2014 , 20, 14012-7	4.8	72
265	A Multi-synergistic Platform for Sequential Irradiation-Activated High-Performance Apoptotic Cancer Therapy. <i>Advanced Functional Materials</i> , 2014 , 24, 522-529	15.6	72
264	A graphitic hollow carbon nitride nanosphere as a novel photochemical internalization agent for targeted and stimuli-responsive cancer therapy. <i>Nanoscale</i> , 2016 , 8, 12570-8	7.7	71
263	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	16.4	70
262	Renal-Clearable Porphyrinic Metal-Organic Framework Nanodots for Enhanced Photodynamic Therapy. <i>ACS Nano</i> , 2019 , 13, 9206-9217	16.7	68
261	Aptamer-capped multifunctional mesoporous strontium hydroxyapatite nanovehicle for cancer-cell-responsive drug delivery and imaging. <i>Biomacromolecules</i> , 2012 , 13, 4257-63	6.9	67
260	Chemically exfoliated WS ₂ nanosheets efficiently inhibit amyloid β peptide aggregation and can be used for photothermal treatment of Alzheimer's disease. <i>Nano Research</i> , 2015 , 8, 3216-3227	10	66
259	Polyoxometalate-based nanozyme: Design of a multifunctional enzyme for multi-faceted treatment of Alzheimer's disease. <i>Nano Research</i> , 2016 , 9, 1079-1090	10	66
258	A simple and sensitive colorimetric pH meter based on DNA conformational switch and gold nanoparticle aggregation. <i>Chemical Communications</i> , 2008 , 6149-51	5.8	66

257	Tiny telomere DNA. <i>Nucleic Acids Research</i> , 2002 , 30, 2307-15	20.1	66
256	Nanozyme as Artificial Receptor with Multiple Readouts for Pattern Recognition. <i>Analytical Chemistry</i> , 2018 , 90, 11775-11779	7.8	66
255	Parsing free energies of drug-DNA interactions. <i>Methods in Enzymology</i> , 2000 , 323, 373-405	1.7	65
254	Renal-clearable ultrasmall covalent organic framework nanodots as photodynamic agents for effective cancer therapy. <i>Biomaterials</i> , 2019 , 223, 119462	15.6	64
253	Versatile logic devices based on programmable DNA-regulated silver-nanocluster signal transducers. <i>Chemistry - A European Journal</i> , 2012 , 18, 6663-9	4.8	64
252	Positional assembly of hemin and gold nanoparticles in graphene-mesoporous silica nanohybrids for tandem catalysis. <i>Chemical Science</i> , 2015 , 6, 1272-1276	9.4	63
251	Gold Nanocage-Based Dual Responsive Targeted 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	15.6	63
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99	Biological Mediator-Propelled Nanosweeper for Nonpharmaceutical Thrombus Therapy. <i>ACS Nano</i> , 2021 , 15, 6604-6613	16.7	18
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