

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

377 papers	31,642 citations	94 h-index	164 g-index
401 ext. papers	36,963 ext. citations	11.9 avg, IF	7.94 L-index

#	Paper	IF	Citations
377	Graphene oxide: intrinsic peroxidase catalytic activity and its application to glucose detection. <i>Advanced Materials</i> , 2010 , 22, 2206-10	24	1592
376	Nanozymes: Classification, Catalytic Mechanisms, Activity Regulation, and Applications. <i>Chemical Reviews</i> , 2019 , 119, 4357-4412	68.1	1010
375	Catalytically active nanomaterials: a promising candidate for artificial enzymes. <i>Accounts of Chemical Research</i> , 2014 , 47, 1097-105	24.3	846
374	Cancer biomarker detection: recent achievements and challenges. <i>Chemical Society Reviews</i> , 2015 , 44, 2963-97	58.5	633
373	Cerium oxide nanoparticle: a remarkably versatile rare earth nanomaterial for biological applications. <i>NPG Asia Materials</i> , 2014 , 6, e90-e90	10.3	595
372	Recent advances in graphene quantum dots for sensing. <i>Materials Today</i> , 2013 , 16, 433-442	21.8	552
371	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
370	Metal nanoclusters: novel probes for diagnostic and therapeutic applications. <i>Chemical Society Reviews</i> , 2015 , 44, 8636-63	58.5	504
369	Colorimetric biosensing using smart materials. <i>Advanced Materials</i> , 2011 , 23, 4215-36	24	503
368	Graphene quantum dots-band-aids used for wound disinfection. <i>ACS Nano</i> , 2014 , 8, 6202-10	16.7	485
367	Nanozyme Decorated Metal-Organic Frameworks for Enhanced Photodynamic Therapy. <i>ACS Nano</i> , 2018 , 12, 651-661	16.7	464
366	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
365	Using graphene oxide high near-infrared absorbance for photothermal treatment of Alzheimer's disease. <i>Advanced Materials</i> , 2012 , 24, 1722-8	24	423
364	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
363	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
362	Near-infrared light-triggered, targeted drug delivery to cancer cells by aptamer gated nanovehicles. <i>Advanced Materials</i> , 2012 , 24, 2890-5	24	364
361	Antibacterial applications of graphene-based nanomaterials: Recent achievements and challenges. <i>Advanced Drug Delivery Reviews</i> , 2016 , 105, 176-189	18.5	314

360	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
359	Nano-gold as artificial enzymes: hidden talents. <i>Advanced Materials</i> , 2014 , 26, 4200-17	24	290
358	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
357	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
356	Recent advances in bioapplications of C-dots. <i>Carbon</i> , 2015 , 85, 309-327	10.4	280
355	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
354	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
353	Carbon Nanozymes: Enzymatic Properties, Catalytic Mechanism, and Applications. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9224-9237	16.4	274
352	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
351	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
350	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
349	Enzyme Mimicry for Combating Bacteria and Biofilms. <i>Accounts of Chemical Research</i> , 2018 , 51, 789-799	24.3	216
348	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
347	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
346	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
345	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
344	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
343	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

342	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
341	Modulating DNA-templated silver nanoclusters for fluorescence turn-on detection of thiol compounds. <i>Chemical Communications</i> , 2011 , 47, 3487-9	5.8	185
340	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
339	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
338	Mesoporous silica-encapsulated gold nanoparticles as artificial enzymes for self-activated cascade catalysis. <i>Biomaterials</i> , 2013 , 34, 2600-10	15.6	177
337	Hydration changes for DNA intercalation reactions. <i>Journal of the American Chemical Society</i> , 2001 , 123, 1-7	16.4	176
336	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
335	Near-infrared upconversion controls photocaged cell adhesion. <i>Journal of the American Chemical Society</i> , 2014 , 136, 2248-51	16.4	170
334	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
333	Chiral metallo-supramolecular complexes selectively recognize human telomeric G-quadruplex DNA. <i>Nucleic Acids Research</i> , 2008 , 36, 5695-703	20.1	166
332	Transition-metal-substituted polyoxometalate derivatives as functional anti-amyloid agents for Alzheimer's disease. <i>Nature Communications</i> , 2014 , 5, 3422	17.4	160
331	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
330	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
329	Selective and quantitative cancer cell detection using target-directed functionalized graphene and its synergetic peroxidase-like activity. <i>Chemical Communications</i> , 2011 , 47, 4436-8	5.8	155
328	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
327	Extraordinary physical properties of functionalized graphene. <i>Small</i> , 2012 , 8, 2138-51	11	153
326	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
325	Bacterial Hyaluronidase Self-Triggered Prodrug Release for Chemo-Photothermal Synergistic Treatment of Bacterial Infection. <i>Small</i> , 2016 , 12, 6200-6206	11	150

324	A multi-stimuli responsive gold nanocage-hyaluronic platform for targeted photothermal and chemotherapy. <i>Biomaterials</i> , 2014 , 35, 9678-88	15.6	149
323	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
322	An Efficient and Benign Antimicrobial Depot Based on Silver-Infused MoS. <i>ACS Nano</i> , 2017 , 11, 4651-4659	16.7	139
321	Visualizing human telomerase activity with primer-modified Au nanoparticles. <i>Small</i> , 2012 , 8, 259-64	11	134
320	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
319	A Multinuclear Metal Complex Based DNase-Mimetic Artificial Enzyme: Matrix Cleavage for Combating Bacterial Biofilms. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 10732-6	16.4	134
318	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
317	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
316	Bioresponsive hyaluronic acid-capped mesoporous silica nanoparticles for targeted drug delivery. <i>Chemistry - A European Journal</i> , 2013 , 19, 1778-83	4.8	132
315	Defect-Rich Adhesive Nanozymes as Efficient Antibiotics for Enhanced Bacterial Inhibition. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16236-16242	16.4	129
314	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
313	Programmed Bacteria Death Induced by Carbon Dots with Different Surface Charge. <i>Small</i> , 2016 , 12, 4713-8	11	126
312	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
311	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
310	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
309	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
308	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
307	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

306	Carbon nanotubes selective destabilization of duplex and triplex DNA and inducing B-A transition in solution. <i>Nucleic Acids Research</i> , 2006 , 34, 3670-6	20.1	117
305	Nucleobases, nucleosides, and nucleotides: versatile biomolecules for generating functional nanomaterials. <i>Chemical Society Reviews</i> , 2018 , 47, 1285-1306	58.5	116
304	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
303	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
302	Carbon Nanomaterials and DNA: from Molecular Recognition to Applications. <i>Accounts of Chemical Research</i> , 2016 , 49, 461-70	24.3	113
301	Chiral metallohelical complexes enantioselectively target amyloid β for treating Alzheimer's disease. <i>Journal of the American Chemical Society</i> , 2014 , 136, 11655-63	16.4	112
300	Visual and quantitative detection of copper ions using magnetic silica nanoparticles clicked on multiwalled carbon nanotubes. <i>Chemical Communications</i> , 2010 , 46, 6572-4	5.8	112
299	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
298	Construction of Nanozyme-Hydrogel for Enhanced Capture and Elimination of Bacteria. <i>Advanced Functional Materials</i> , 2019 , 29, 1900518	15.6	109
297	DNA metallization: principles, methods, structures, and applications. <i>Chemical Society Reviews</i> , 2018 , 47, 4017-4072	58.5	108
296	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
295	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
294	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
293	Biomimetic mineralization inspired surface engineering of nanocarriers for pH-responsive, targeted drug delivery. <i>Biomaterials</i> , 2013 , 34, 1364-71	15.6	104
292	Polypyrrole nanoparticles as promising enzyme mimics for sensitive hydrogen peroxide detection. <i>Chemical Communications</i> , 2014 , 50, 3030-2	5.8	103
291	Silver-Infused Porphyrinic Metal-Organic Framework: Surface-Adaptive, On-Demand Nanoplatfor for Synergistic Bacteria Killing and Wound Disinfection. <i>Advanced Functional Materials</i> , 2019 , 29, 1808594	15.6	102
290	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
289	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

288	Multiconfigurable logic gates based on fluorescence switching in adaptive coordination polymer nanoparticles. <i>Advanced Materials</i> , 2014 , 26, 1111-7	24	101
287	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
286	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
285	Self-assembled, functionalized graphene and DNA as a universal platform for colorimetric assays. <i>Biomaterials</i> , 2013 , 34, 4810-7	15.6	99
284	Nanozymes: A clear definition with fuzzy edges. <i>Nano Today</i> , 2021 , 40, 101269	17.9	97
283	Gold-nanoparticle-based multifunctional amyloid- β inhibitor against Alzheimer's disease. <i>Chemistry - A European Journal</i> , 2015 , 21, 829-35	4.8	93
282	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
281	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
280	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
279	A label-free, quadruplex-based functional molecular beacon (LFG4-MB) for fluorescence turn-on detection of DNA and nuclease. <i>Chemistry - A European Journal</i> , 2011 , 17, 1635-41	4.8	91
278	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
277	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
276	Porphyrim MOF DotsBased, Function-Adaptive Nanoplatform for Enhanced Penetration and Photodynamic Eradication of Bacterial Biofilms. <i>Advanced Functional Materials</i> , 2019 , 29, 1903018	15.6	88
275	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
274	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
273	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
272	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
271	A Smart Nanoassembly for Multistage Targeted Drug Delivery and Magnetic Resonance Imaging. <i>Advanced Functional Materials</i> , 2014 , 24, 3612-3620	15.6	86

270	Mesoporous silica nanoparticle-based H ₂ O ₂ responsive controlled-release system used for Alzheimer's disease treatment. <i>Advanced Healthcare Materials</i> , 2012 , 1, 332-6	10.1	86
269	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
268	Designed heterogeneous palladium catalysts for reversible light-controlled bioorthogonal catalysis in living cells. <i>Nature Communications</i> , 2018 , 9, 1209	17.4	82
267	Manipulating cell fate: dynamic control of cell behaviors on functional platforms. <i>Chemical Society Reviews</i> , 2018 , 47, 8639-8684	58.5	82
266	Nucleic acids and smart materials: advanced building blocks for logic systems. <i>Advanced Materials</i> , 2014 , 26, 5742-57	24	81
265	Site-specific DNA-programmed growth of fluorescent and functional silver nanoclusters. <i>Chemistry - A European Journal</i> , 2011 , 17, 3774-80	4.8	81
264	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
263	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
262	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
261	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
260	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
259	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
258	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
257	DNA-templated silver nanoclusters-graphene oxide nanohybrid materials: a platform for label-free and sensitive fluorescence turn-on detection of multiple nucleic acid targets. <i>Analyst</i> , 2012 , 137, 2588-92	5	74
256	Spatiotemporal control of cell-cell reversible interactions using molecular engineering. <i>Nature Communications</i> , 2016 , 7, 13088	17.4	73
255	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
254	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
253	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

252	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
251	A NIR-controlled cage mimicking system for hydrophobic drug mediated cancer therapy. <i>Biomaterials</i> , 2017 , 139, 151-162	15.6	72
250	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
249	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
248	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
247	Renal-Clearable Porphyrinic Metal-Organic Framework Nanodots for Enhanced Photodynamic Therapy. <i>ACS Nano</i> , 2019 , 13, 9206-9217	16.7	68
246	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
245	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
244	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
243	Tiny telomere DNA. <i>Nucleic Acids Research</i> , 2002 , 30, 2307-15	20.1	66
242	Nanozyme as Artificial Receptor with Multiple Readouts for Pattern Recognition. <i>Analytical Chemistry</i> , 2018 , 90, 11775-11779	7.8	66
241	Renal-clearable ultrasmall covalent organic framework nanodots as photodynamic agents for effective cancer therapy. <i>Biomaterials</i> , 2019 , 223, 119462	15.6	64
240	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
239	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
238	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
237	Hybridization chain reaction engineered dsDNA for Cu metallization: an enzyme-free platform for amplified detection of cancer cells and microRNAs. <i>Chemical Communications</i> , 2015 , 51, 11496-9	5.8	62
236	DNA-templated silver nanoparticles as a platform for highly sensitive and selective fluorescence turn-on detection of dopamine. <i>Small</i> , 2011 , 7, 1557-61	11	62
235	Specific Oxygenated Groups Enriched Graphene Quantum Dots as Highly Efficient Enzyme Mimics. <i>Small</i> , 2018 , 14, e1703710	11	60

234	Reduced graphene oxide functionalized with a luminescent rare-earth complex for the tracking and photothermal killing of drug-resistant bacteria. <i>Chemistry - A European Journal</i> , 2014 , 20, 394-8	4.8	60
233	Mussel Byssus-Like Reversible Metal-Chelated Supramolecular Complex Used for Dynamic Cellular Surface Engineering and Imaging. <i>Advanced Functional Materials</i> , 2015 , 25, 3775-3784	15.6	59
232	Metallosupramolecular complex targeting an α -discordant stretch of amyloid β -peptide. <i>Chemical Science</i> , 2012 , 3, 3145	9.4	59
231	Chiral detection using reusable fluorescent amylose-functionalized graphene. <i>Chemical Science</i> , 2011 , 2, 2050	9.4	59
230	Ultrasmall 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	9.6	59
229	DNA loop sequence as the determinant for chiral supramolecular compound G-quadruplex selectivity. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 492-8	8.3	58
228	Photomodulated Nanozyme Used for a Gram-Selective Antimicrobial. <i>Chemistry of Materials</i> , 2018 , 30, 7027-7033	9.6	58
227	Near-Infrared Switchable Fullerene-Based Synergy Therapy for Alzheimer's Disease. <i>Small</i> , 2018 , 14, e1801852	11	57
226	Ultrasensitive Telomerase Activity Detection in Circulating Tumor Cells Based on DNA Metallization and Sharp Solid-State Electrochemical Techniques. <i>Advanced Functional Materials</i> , 2014 , 24, 2727-2733	15.6	57
225	One-step nucleotide-programmed growth of porous upconversion nanoparticles: application to cell labeling and drug delivery. <i>Nanoscale</i> , 2014 , 6, 1445-52	7.7	56
224	Using Multifunctional Peptide Conjugated Au Nanorods for Monitoring β -Amyloid Aggregation and Chemo-Photothermal Treatment of Alzheimer's Disease. <i>Theranostics</i> , 2017 , 7, 2996-3006	12.1	56
223	Time-dependent DNA condensation induced by amyloid beta-peptide. <i>Biophysical Journal</i> , 2007 , 92, 1852-4	9.1	55
222	How functional groups influence the ROS generation and cytotoxicity of graphene quantum dots. <i>Chemical Communications</i> , 2017 , 53, 10588-10591	5.8	54
221	Mesoporous Encapsulated Chiral Nanogold for Use in Enantioselective Reactions. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 16791-16795	16.4	54
220	New insights in amyloid beta interactions with human telomerase. <i>Journal of the American Chemical Society</i> , 2015 , 137, 1213-9	16.4	53
219	Reduced graphene oxide upconversion nanoparticle hybrid for electrochemiluminescent sensing of a prognostic indicator in early-stage cancer. <i>Small</i> , 2014 , 10, 330-6	11	53
218	Chiral metallo-supramolecular complexes selectively induce human telomeric G-quadruplex formation under salt-deficient conditions. <i>Chemistry - A European Journal</i> , 2011 , 17, 8209-15	4.8	53
217	Light-Mediated Reversible Modulation of ROS Level in Living Cells by Using an Activity-Controllable Nanozyme. <i>Small</i> , 2017 , 13, 1603051	11	52

216	Polyoxometalate-based Rewritable Paper. <i>Chemistry of Materials</i> , 2015 , 27, 7573-7576	9.6	52
215	Self-Assembly of Multi-nanozymes to Mimic an Intracellular Antioxidant Defense System. <i>Angewandte Chemie</i> , 2016 , 128, 6758-6762	3.6	52
214	A GO-Se nanocomposite as an antioxidant nanozyme for cytoprotection. <i>Chemical Communications</i> , 2017 , 53, 3082-3085	5.8	51
213	Targeting RNA G-Quadruplex in SARS-CoV-2: A Promising Therapeutic Target for COVID-19?. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 432-438	16.4	51
212	Hybrid mesoporous gadolinium oxide nanorods: a platform for multimodal imaging and enhanced insoluble anticancer drug delivery with low systemic toxicity. <i>Journal of Materials Chemistry</i> , 2012 , 22, 14982		50
211	Glutathione Depletion in a Benign Manner by MoS ₂ -Based Nanoflowers for Enhanced Hypoxia-Irrelevant Free-Radical-Based Cancer Therapy. <i>Small</i> , 2019 , 15, e1904870	11	50
210	Polyoxometalates as Inhibitors of the Aggregation of Amyloid β Peptides Associated with Alzheimer's Disease. <i>Angewandte Chemie</i> , 2011 , 123, 4270-4274	3.6	49
209	Highly stable and reusable imprinted artificial antibody used for detection and disinfection of pathogens. <i>Chemical Science</i> , 2015 , 6, 2822-2826	9.4	48
208	Array-based sensing of proteins and bacteria by using multiple luminescent nanodots as fluorescent probes. <i>Small</i> , 2014 , 10, 3667-71	11	48
207	Metallo-supramolecular Complexes Enantioselectively Eradicate Cancer Stem Cells in Vivo. <i>Journal of the American Chemical Society</i> , 2017 , 139, 16201-16209	16.4	47
206	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	15.6	47
205	Artificial Light-Harvesting Material Based on Self-Assembly of Coordination Polymer Nanoparticles. <i>Advanced Functional Materials</i> , 2014 , 24, 4549-4555	15.6	47
204	Enthalpy/entropy compensation: influence of DNA flanking sequence on the binding of 7-amino actinomycin D to its primary binding site in short DNA duplexes. <i>Biochemistry</i> , 2003 , 42, 11960-7	3.2	47
203	Metal-Organic Framework-Based NanoplatforM for Intracellular Environment-Responsive Endo/Lysosomal Escape and Enhanced Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 31998-32005	9.5	47
202	Inhibition of metal-induced amyloid aggregation using light-responsive magnetic nanoparticle prochelator conjugates. <i>Chemical Science</i> , 2012 , 3, 868-873	9.4	46
201	A Smart Nanoparticle-Laden and Remote-Controlled Self-Destructive Macrophage for Enhanced Chemo/Chemodynamic Synergistic Therapy. <i>ACS Nano</i> , 2020 , 14, 13894-13904	16.7	46
200	Chirality-Selected Chemical Modulation of Amyloid Aggregation. <i>Journal of the American Chemical Society</i> , 2019 , 141, 6915-6921	16.4	45
199	G-quartet-based nanostructure for mimicking light-harvesting antenna. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 892-6	16.4	45

198	Bioinspired Design of Fe -Doped Mesoporous Carbon Nanospheres for Enhanced Nanozyme Activity. <i>Chemistry - A European Journal</i> , 2018 , 24, 7259-7263	4.8	45
197	Nucleic-acid-programmed Ag-nanoclusters as a generic platform for visualization of latent fingerprints and exogenous substances. <i>Chemical Communications</i> , 2016 , 52, 557-60	5.8	45
196	Self-Propelled Active Photothermal Nanoswimmer for Deep-Layered Elimination of Biofilm In Vivo. <i>Nano Letters</i> , 2020 , 20, 7350-7358	11.5	45
195	Near-Infrared Activated Black Phosphorus as a Nontoxic Photo-Oxidant for Alzheimer's Amyloid- β Peptide. <i>Small</i> , 2019 , 15, e1901116	11	44
194	Colorimetric Band-aids for Point-of-Care Sensing and Treating Bacterial Infection. <i>ACS Central Science</i> , 2020 , 6, 207-212	16.8	44
193	Transmutation of Personal Glucose Meters into Portable and Highly Sensitive Microbial Pathogen Detection Platform. <i>Small</i> , 2015 , 11, 4970-5	11	44
192	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	15.6	44
191	A graphene-based chemical nose/tongue approach for the identification of normal, cancerous and circulating tumor cells. <i>NPG Asia Materials</i> , 2017 , 9, e356-e356	10.3	43
190	Label-free ratiometric electrochemical detection of the mutated apolipoprotein E gene associated with Alzheimer's disease. <i>Chemical Communications</i> , 2016 , 52, 12080-12083	5.8	43
189	Artificial tongue based on metal-biomolecule coordination polymer nanoparticles. <i>Chemical Communications</i> , 2016 , 52, 3410-3	5.8	43
188	DNA-mediated biomineralization of rare-earth nanoparticles for simultaneous imaging and stimuli-responsive drug delivery. <i>Biomaterials</i> , 2014 , 35, 8694-702	15.6	43
187	Stereoselective Nanozyme Based on Ceria Nanoparticles Engineered with Amino Acids. <i>Chemistry - A European Journal</i> , 2017 , 23, 18146-18150	4.8	43
186	Different hydration changes accompanying copper and zinc binding to amyloid beta-peptide: water contribution to metal binding. <i>ChemBioChem</i> , 2008 , 9, 879-82	3.8	42
185	Facile preparation of metal-organic frameworks-based hydrophobic anticancer drug delivery nanoplatfrom for targeted and enhanced cancer treatment. <i>Talanta</i> , 2019 , 194, 703-708	6.2	42
184	Metal-organic-framework-supported immunostimulatory oligonucleotides for enhanced immune response and imaging. <i>Chemical Communications</i> , 2017 , 53, 1840-1843	5.8	41
183	G-Quadruplex binding enantiomers show chiral selective interactions with human telomere. <i>Nucleic Acids Research</i> , 2014 , 42, 3792-802	20.1	41
182	Versatile Dual Photoresponsive System for Precise Control of Chemical Reactions. <i>ACS Nano</i> , 2017 , 11, 7770-7780	16.7	40
181	Alzheimer's disease amyloid beta converting left-handed Z-DNA back to right-handed B-form. <i>Chemical Communications</i> , 2010 , 46, 7187-9	5.8	40

180	Stereochemistry and amyloid inhibition: Asymmetric triplex metallohelices enantioselectively bind to Aβ peptide. <i>Science Advances</i> , 2018 , 4, eaao6718	14.3	39
179	Synergistic eradication of antibiotic-resistant bacteria based biofilms in vivo using a NIR-sensitive nanoplatfrom. <i>Chemical Communications</i> , 2016 , 52, 5312-5	5.8	38
178	A bifunctional nanomodulator for boosting CpG-mediated cancer immunotherapy. <i>Nanoscale</i> , 2017 , 9, 14236-14247	7.7	38
177	DNA-templated ensemble for label-free and real-time fluorescence turn-on detection of enzymatic/oxidative cleavage of single-stranded DNA. <i>Chemical Communications</i> , 2011 , 47, 8133-5	5.8	38
176	Constructing metal-organic framework nanodots as bio-inspired artificial superoxide dismutase for alleviating endotoxemia. <i>Materials Horizons</i> , 2019 , 6, 1682-1687	14.4	37
175	Depriving Bacterial Adhesion-Related Molecule to Inhibit Biofilm Formation Using CeO ₂ -Decorated Metal-Organic Frameworks. <i>Small</i> , 2019 , 15, e1902522	11	37
174	Functionalized graphene as sensitive electrochemical label in target-dependent linkage of split aptasensor for dual detection. <i>Biosensors and Bioelectronics</i> , 2014 , 62, 52-8	11.8	37
173	Novel electrochemiluminescence of silver nanoclusters fabricated on triplex DNA scaffolds for label-free detection of biothiols. <i>Biosensors and Bioelectronics</i> , 2017 , 98, 378-385	11.8	37
172	Artificial Metalloenzyme-Based Enzyme Replacement Therapy for the Treatment of Hyperuricemia. <i>Advanced Functional Materials</i> , 2016 , 26, 7921-7928	15.6	37
171	Self-Protecting Biomimetic Nanozyme for Selective and Synergistic Clearance of Peripheral Amyloid-β in an Alzheimer's Disease Model. <i>Journal of the American Chemical Society</i> , 2020 , 142, 21702-21711	16.4	36
170	Near-Infrared Light-Encoded Orthogonally Triggered and Logical Intracellular Release Using Gold Nanocage@Smart Polymer Shell. <i>Advanced Functional Materials</i> , 2014 , 24, 826-834	15.6	35
169	One-step DNA-programmed growth of CpG conjugated silver nanoclusters: a potential platform for simultaneous enhanced immune response and cell imaging. <i>Chemical Communications</i> , 2013 , 49, 6918-20	5.8	35
168	Substitution at the F-ring N-imide of the indolocarbazole antitumor drug NB-506 increases the cytotoxicity, DNA binding, and topoisomerase I inhibition activities. <i>Journal of Medicinal Chemistry</i> , 1999 , 42, 2927-35	8.3	35
167	Chiral metallohelices enantioselectively target hybrid human telomeric G-quadruplex DNA. <i>Nucleic Acids Research</i> , 2017 , 45, 5026-5035	20.1	34
166	Nucleic acid-mesoporous silica nanoparticle conjugates for keypad lock security operation. <i>Chemical Communications</i> , 2013 , 49, 2305-7	5.8	34
165	Silver metallization engineered conformational switch of G-quadruplex for fluorescence turn-on detection of biothiols. <i>Chemical Communications</i> , 2012 , 48, 11428-30	5.8	34
164	Photocontrolled Multidirectional Differentiation of Mesenchymal Stem Cells on an Upconversion Substrate. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11182-11187	16.4	33
163	"Plug and play" logic gates based on fluorescence switching regulated by self-assembly of nucleotide and lanthanide ions. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 9557-62	9.5	33

162	Detection of telomerase on upconversion nanoparticle modified cellulose paper. <i>Chemical Communications</i> , 2015 , 51, 11630-3	5.8	33
161	Artificial evolution of graphene oxide chemzyme with enantioselectivity and near-infrared photothermal effect for cascade biocatalysis reactions. <i>Small</i> , 2014 , 10, 1841-7	11	33
160	pH-controlled reversible drug binding and release using a cytosine-rich hairpin DNA. <i>Chemical Communications</i> , 2011 , 47, 8043-5	5.8	33
159	Deciphering a Nanocarbon-Based Artificial Peroxidase: Chemical Identification of the Catalytically Active and Substrate-Binding Sites on Graphene Quantum Dots. <i>Angewandte Chemie</i> , 2015 , 127, 7282-7286	3.6	32
158	Metal-Organic Frameworks Harness Cu Chelating and Photooxidation Against Amyloid β Aggregation in Vivo. <i>Chemistry - A European Journal</i> , 2019 , 25, 3489-3495	4.8	32
157	Cell-imprinted antimicrobial bionanomaterials with tolerable toxic side effects. <i>Small</i> , 2015 , 11, 1258-64	11	31
156	Design of a plasmonic micromotor for enhanced photo-remediation of polluted anaerobic stagnant waters. <i>Chemical Communications</i> , 2016 , 52, 5550-3	5.8	31
155	Coupling a DNA-ligand ensemble with Ag cluster formation for the label-free and ratiometric detection of intracellular biothiols. <i>Chemical Communications</i> , 2016 , 52, 5167-70	5.8	31
154	Incorporating ATP into biomimetic catalysts for realizing exceptional enzymatic performance over a broad temperature range. <i>NPG Asia Materials</i> , 2014 , 6, e114-e114	10.3	31
153	Luminescent Rare-Earth Complex Covalently Modified Single-Walled Carbon Nanotubes: Design, Synthesis, and DNA Sequence-Dependent Red Luminescence Enhancement. <i>Chemistry of Materials</i> , 2010 , 22, 5718-5724	9.6	31
152	Hierarchical magnetic core-shell nanoarchitectures: non-linker reagent synthetic route and applications in a biomolecule separation system. <i>Journal of Materials Chemistry</i> , 2012 , 22, 2935-2942		31
151	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	16.7	31
150	Point-of-Care Identification of Bacteria Using Protein-Encapsulated Gold Nanoclusters. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1701370	10.1	30
149	Redox-Activated Near-Infrared-Responsive Polyoxometalates Used for Photothermal Treatment of Alzheimer's Disease. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1800320	10.1	30
148	A "Sense-and-Treat" Hydrogel Used for Treatment of Bacterial Infection on the Solid Matrix. <i>Small</i> , 2015 , 11, 5540-4	11	30
147	Metal-mediated fabrication of new functional G-quartet-based supramolecular nanostructure and potential application as controlled drug release system. <i>Chemical Science</i> , 2011 , 2, 1356	9.4	30
146	Tumor-activatable ultrasmall nanozyme generator for enhanced penetration and deep catalytic therapy. <i>Biomaterials</i> , 2020 , 258, 120263	15.6	30
145	Near-Infrared Light Dual-Promoted Heterogeneous Copper Nanocatalyst for Highly Efficient Bioorthogonal Chemistry. <i>ACS Nano</i> , 2020 , 14, 4178-4187	16.7	30

144	Electrically pulsatile responsive drug delivery platform for treatment of Alzheimer's disease. <i>Nano Research</i> , 2015 , 8, 2400-2414	10	29
143	A Pt-nanoparticle electrocatalytic assay used for PCR-free sensitive telomerase detection. <i>Chemical Communications</i> , 2013 , 49, 9986-8	5.8	29
142	Mirror-Image Dependence: Targeting Enantiomeric G-Quadruplex DNA Using Triplex Metallohelices. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 15723-15727	16.4	29
141	A Biocompatible Heterogeneous MOF/Tu Catalyst for In Vivo Drug Synthesis in Targeted Subcellular Organelles. <i>Angewandte Chemie</i> , 2019 , 131, 7061-7066	3.6	28
140	Neutrophil-Membrane-Directed Bioorthogonal Synthesis of Inflammation-Targeting Chiral Drugs. <i>Chem</i> , 2020 , 6, 2060-2072	16.2	28
139	Platinum-coordinated graphitic carbon nitride nanosheet used for targeted inhibition of amyloid β peptide aggregation. <i>Nano Research</i> , 2016 , 9, 2411-2423	10	28
138	Current Strategies for Modulating A β Aggregation with Multifunctional Agents. <i>Accounts of Chemical Research</i> , 2021 , 54, 2172-2184	24.3	28
137	A label-free ratiometric electrochemical DNA sensor for monitoring intracellular redox homeostasis. <i>Chemical Communications</i> , 2017 , 53, 6215-6218	5.8	27
136	Hydrogel-based artificial enzyme for combating bacteria and accelerating wound healing. <i>Nano Research</i> , 2020 , 13, 496-502	10	27
135	Selenium-Based Nanozyme as Biomimetic Antioxidant Machinery. <i>Chemistry - A European Journal</i> , 2018 , 24, 10224	4.8	27
134	Nucleic acid-templated functional nanocomposites for biomedical applications. <i>Materials Today</i> , 2017 , 20, 179-190	21.8	27
133	A CuS-based chemical tongue chip for pattern recognition of proteins and antibiotic-resistant bacteria. <i>Chemical Communications</i> , 2015 , 51, 2675-8	5.8	27
132	A HO-free depot for treating bacterial infection: localized cascade reactions to eradicate biofilms in vivo. <i>Nanoscale</i> , 2018 , 10, 17656-17662	7.7	26
131	Opposing enantiomers of tartaric acid anchored on a surface generate different insulin assemblies and hence contrasting cellular responses. <i>Chemical Science</i> , 2014 , 5, 4367-4374	9.4	26
130	Highly sensitive and selective detection of thiol-containing biomolecules using DNA-templated silver deposition. <i>Biosensors and Bioelectronics</i> , 2011 , 28, 339-43	11.8	26
129	Non-toxic lead sulfide nanodots as efficient contrast agents for visualizing gastrointestinal tract. <i>Biomaterials</i> , 2016 , 100, 17-26	15.6	26
128	A Near-Infrared Responsive Drug Sequential Release System for Better Eradicating Amyloid Aggregates. <i>Small</i> , 2017 , 13, 1701817	11	25
127	DNA-regulated upconverting nanoparticle signal transducers for multivalued logic operation. <i>Small</i> , 2014 , 10, 1500-3	11	25

126	Lanthanide-based hollow mesoporous nanoparticles: a novel multifunctional platform for simultaneous gene delivery and cell imaging. <i>Chemical Communications</i> , 2013 , 49, 7129-31	5.8	25
125	Rapid and efficient screening of Alzheimer's disease β -amyloid inhibitors using label-free gold nanoparticles. <i>Molecular BioSystems</i> , 2010 , 6, 2389-91		25
124	A Multinuclear Metal Complex Based DNase-Mimetic Artificial Enzyme: Matrix Cleavage for Combating Bacterial Biofilms. <i>Angewandte Chemie</i> , 2016 , 128, 10890-10894	3.6	24
123	N-Methyl Mesoporphyrin IX as an Effective Probe for Monitoring Alzheimer's Disease β -Amyloid Aggregation in Living Cells. <i>ACS Chemical Neuroscience</i> , 2017 , 8, 1299-1304	5.7	23
122	Electrochemically and DNA-triggered cell release from ferrocene/ β -cyclodextrin and aptamer modified dualfunctionalized graphene substrate. <i>Nano Research</i> , 2015 , 8, 887-899	10	23
121	Se-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	5.9	23
120	NIR-responsive upconversion nanoparticles stimulate neurite outgrowth in PC12 cells. <i>Small</i> , 2014 , 10, 3655-61	11	23
119	A general approach using spiroborate reversible cross-linked Au nanoparticles for visual high-throughput screening of chiral vicinal diols. <i>Chemical Science</i> , 2013 , 4, 1156	9.4	23
118	An ultrathin graphitic carbon nitride nanosheet: a novel inhibitor of metal-induced amyloid aggregation associated with Alzheimer's disease. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 4072-4075	7.3	23
117	Ultrasensitive magnetic resonance imaging of systemic reactive oxygen species for early diagnosis of sepsis using activatable nanoprobe. <i>Chemical Science</i> , 2019 , 10, 3770-3778	9.4	23
116	Graphitic carbon nitride nanosheets as a multifunctional nanoplatfor for photochemical internalization-enhanced photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 7908-7915	7.3	22
115	Host-guest recognition on photo-responsive cell surfaces directs cell-cell contacts. <i>Materials Today</i> , 2017 , 20, 16-21	21.8	21
114	Phytochemical-encapsulated nanoplatfor for β -on-demand synergistic treatment of multidrug-resistant bacteria. <i>Nano Research</i> , 2018 , 11, 3762-3770	10	21
113	A chiral covalent organic framework (COF) nanozyme with ultrahigh enzymatic activity. <i>Materials Horizons</i> , 2020 , 7, 3291-3297	14.4	21
112	A DNA-Based Label-Free Artificial Tongue for Pattern Recognition of Metal Ions. <i>Chemistry - A European Journal</i> , 2017 , 23, 9258-9261	4.8	20
111	Endogenous signalling control of cell adhesion by using aptamer functionalized biocompatible hydrogel. <i>Chemical Science</i> , 2015 , 6, 6762-6768	9.4	20
110	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	10	20
109	Metallization of plasmid DNA for efficient gene delivery. <i>Chemical Communications</i> , 2013 , 49, 9791-3	5.8	20

108	In situ monitoring Alzheimer's disease β -amyloid aggregation and screening of A β inhibitors using a perylene probe. <i>Small</i> , 2013 , 9, 52-5	11	20
107	Self-Assembly and Compartmentalization of Nanozymes in Mesoporous Silica-Based Nanoreactors. <i>Chemistry - A European Journal</i> , 2016 , 22, 5705-11	4.8	20
106	Aggregation-induced emission-active Au nanoclusters for ratiometric sensing and bioimaging of highly reactive oxygen species. <i>Chemical Communications</i> , 2019 , 55, 15097-15100	5.8	20
105	Immobilization of enzyme on chiral polyelectrolyte surface. <i>Analytica Chimica Acta</i> , 2017 , 952, 88-95	6.6	19
104	Self-triggered click reaction in an Alzheimer's disease model: bifunctional drug synthesis catalyzed by neurotoxic copper accumulated in amyloid- β plaques. <i>Chemical Science</i> , 2019 , 10, 10343-10350	9.4	19
103	Enzyme-regulated the changes of pH values for assembling a colorimetric and multistage interconnection logic network with multiple readouts. <i>Analytica Chimica Acta</i> , 2015 , 870, 92-8	6.6	18
102	A Near-Infrared-Controllable Artificial Metalloprotease Used for Degrading Amyloid- β Monomers and Aggregates. <i>Chemistry - A European Journal</i> , 2019 , 25, 11852-11858	4.8	18
101	A Sequential Target-Responsive Nanocarrier with Enhanced Tumor Penetration and Neighboring Effect In Vivo. <i>Small</i> , 2019 , 15, e1903323	11	18
100	Easy access to selective binding and recyclable separation of histidine-tagged proteins using Ni ²⁺ -decorated superparamagnetic nanoparticles. <i>Nano Research</i> , 2012 , 5, 450-459	10	18
99	Near-Infrared- and pH-Responsive System for Reversible Cell Adhesion using Graphene/Gold Nanorods Functionalized with i-Motif DNA. <i>Angewandte Chemie</i> , 2013 , 125, 6858-6862	3.6	18
98	Biological Mediator-Propelled Nanosweeper for Nonpharmaceutical Thrombus Therapy. <i>ACS Nano</i> , 2021 , 15, 6604-6613	16.7	18
97	Remote and reversible control of in vivo bacteria clustering by NIR-driven multivalent upconverting nanosystems. <i>Biomaterials</i> , 2019 , 217, 119310	15.6	17
96	G-quadruplex DNA regulates invertible circularly polarized luminescence. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 13947-13952	7.1	17
95	Cross-fibrillation of insulin and amyloid β on chiral surfaces: Chirality affects aggregation kinetics and cytotoxicity. <i>Nano Research</i> , 2018 , 11, 4102-4110	10	16
94	Enantioselective targeting left-handed Z-G-quadruplex. <i>Chemical Communications</i> , 2016 , 52, 1365-8	5.8	16
93	A Nature-Inspired Metal-Organic Framework Discriminator for Differential Diagnosis of Cancer Cell Subtypes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 15436-15444	16.4	16
92	Rationally Designed CeNP@MnMoS ₄ Core-Shell Nanoparticles for Modulating Multiple Facets of Alzheimer's Disease. <i>Chemistry - A European Journal</i> , 2016 , 22, 14523-6	4.8	16
91	A pH-switched mesoporous nanoreactor for synergetic therapy. <i>Nano Research</i> , 2017 , 10, 1651-1661	10	15

90	Enzyme-directed pH-responsive exfoliation and dispersion of graphene and its decoration by gold nanoparticles for use as a hybrid catalyst. <i>Nano Research</i> , 2013 , 6, 693-702	10	15
89	Metal-Ion-Activated DNazymes Used for Regulation of Telomerase Activity in Living Cells. <i>Chemistry - A European Journal</i> , 2017 , 23, 11226-11229	4.8	15
88	Target-responsive DNA-capped nanocontainer used for fabricating universal detector and performing logic operations. <i>Nucleic Acids Research</i> , 2014 , 42,	20.1	15
87	Combination delivery of antigens and CpG by lanthanides-based core-shell nanoparticles for enhanced immune response and dual-mode imaging. <i>Advanced Healthcare Materials</i> , 2013 , 2, 1309-13	10.1	15
86	Rational design of a sense and treatment system to target amyloid aggregates related to Alzheimer's disease. <i>Nano Research</i> , 2018 , 11, 1987-1997	10	14
85	A reversible DNA-silver nanoclusters-based molecular fluorescence switch and its use for logic gate operation. <i>Molecular BioSystems</i> , 2012 , 8, 921-6		14
84	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	9.4	14
83	A mesoporous encapsulated nanozyme for decontaminating two kinds of wastewater and avoiding secondary pollution. <i>Nanoscale</i> , 2020 , 12, 14465-14471	7.7	13
82	A Bimetallic Metal-Organic Framework Encapsulated with DNazyme for Intracellular Drug Synthesis and Self-Sufficient Gene Therapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 12431-12437	16.4	13
81	Mirror-Image Dependence: Targeting Enantiomeric G-Quadruplex DNA Using Triplex Metallohelices. <i>Angewandte Chemie</i> , 2018 , 130, 15949-15953	3.6	13
80	From mouse to mouse-ear cross: Nanomaterials as vehicles in plant biotechnology. <i>Exploration</i> , 2021 , 1, 9-20		13
79	Artificial Enzyme-based Logic Operations to Mimic an Intracellular Enzyme-participated Redox Balance System. <i>Chemistry - A European Journal</i> , 2017 , 23, 9156-9161	4.8	12
78	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	3.6	12
77	A semipermeable enzymatic nanoreactor as an efficient modulator for reversible pH regulation. <i>Nanoscale</i> , 2014 , 6, 11328-35	7.7	12
76	Confinement of Reactive Oxygen Species in an Artificial-Enzyme-Based Hollow Structure To Eliminate Adverse Effects of Photocatalysis on UV Filters. <i>Chemistry - A European Journal</i> , 2017 , 23, 13518-13524	4.8	12
75	An intelligent 1:2 demultiplexer as an intracellular theranostic device based on DNA/Ag cluster-gated nanovehicles. <i>Nanotechnology</i> , 2018 , 29, 065501	3.4	12
74	A Metabolic Multistage Glutathione Depletion Used for Tumor-Specific Chemodynamic Therapy.. <i>ACS Nano</i> , 2022 ,	16.7	12
73	Kohlenstoff-Nanozyme: Enzymatische Eigenschaften, Katalysemechanismen und Anwendungen. <i>Angewandte Chemie</i> , 2018 , 130, 9366-9379	3.6	11

72	A Lactamase-Imprinted Responsive Hydrogel for the Treatment of Antibiotic-Resistant Bacteria. <i>Angewandte Chemie</i> , 2016 , 128, 8181-8185	3.6	11
71	Manganese Dioxide Nanozymes as Responsive Cytoprotective Shells for Individual Living Cell Encapsulation. <i>Angewandte Chemie</i> , 2017 , 129, 13849-13853	3.6	11
70	Programmable Downregulation of Enzyme Activity Using a Fever and NIR-Responsive Molecularly Imprinted Nanocomposite. <i>Small</i> , 2015 , 11, 6172-8	11	11
69	Carbon Monoxide Controllable Targeted Gas Therapy for Synergistic Anti-inflammation. <i>IScience</i> , 2020 , 23, 101483	6.1	11
68	Target-driven supramolecular self-assembly for selective amyloid- β photooxygenation against Alzheimer's disease. <i>Chemical Science</i> , 2020 , 11, 11003-11008	9.4	11
67	New insights into nanomaterials combating bacteria: ROS and beyond. <i>Science China Life Sciences</i> , 2019 , 62, 150-152	8.5	11
66	Coupling exonuclease III with DNA metallization for amplified detection of biothiols at picomolar concentration. <i>Biosensors and Bioelectronics</i> , 2014 , 58, 214-8	11.8	10
65	Self-Adaptive Single-Atom Catalyst Boosting Selective Ferroptosis in Tumor Cells.. <i>ACS Nano</i> , 2022 ,	16.7	10
64	DNA-MnO nanosheets as washing- and label-free platform for array-based differentiation of cell types. <i>Analytica Chimica Acta</i> , 2019 , 1056, 1-6	6.6	9
63	Autonomous and Continuous Stimuli-Responsive Polymer Surface for Antibacterial Application through Enzymatic Self-Propagating Reactions. <i>Chemistry - A European Journal</i> , 2017 , 23, 14883-14888	4.8	9
62	G-Quartet-Based Nanostructure for Mimicking Light-Harvesting Antenna. <i>Angewandte Chemie</i> , 2015 , 127, 906-910	3.6	9
61	Methyl substitution regulates the enantioselectivity of supramolecular complex binding to human telomeric G-quadruplex DNA. <i>Chemistry - A European Journal</i> , 2014 , 20, 16467-72	4.8	9
60	The recent biological applications of selenium-based nanomaterials. <i>Nano Today</i> , 2021 , 38, 101205	17.9	9
59	Embedding magnetic nanoparticles into coordination polymers to mimic zinc ion transporters for targeted tumor therapy. <i>Chemical Communications</i> , 2016 , 52, 12598-12601	5.8	9
58	Right-/left-handed helical G-quartet nanostructures with full-color and energy transfer circularly polarized luminescence. <i>Chemical Communications</i> , 2020 , 56, 7706-7709	5.8	8
57	One-step synthesized immunostimulatory oligonucleotides-functionalized quantum dots for simultaneous enhanced immunogenicity and cell imaging. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 126, 585-9	6	8
56	Glycoengineering artificial receptors for microglia to phagocytose A β aggregates. <i>Chemical Science</i> , 2021 , 12, 4963-4969	9.4	8
55	An intelligent near-infrared light activatable nanosystem for accurate regulation of zinc signaling in living cells. <i>Nano Research</i> , 2017 , 10, 3068-3076	10	7

54	Fingerprint-like pattern for recognition of thiols. <i>Sensors and Actuators B: Chemical</i> , 2018 , 260, 183-188	8.5	7
53	Chiral Metallo-Supramolecular Complex Directed Enantioselective Self-Assembly of β -Sheet Breaker Peptide for Amyloid Inhibition. <i>Small</i> , 2015 , 11, 4651-5	11	7
52	Cancer Treatment: Incorporating Graphene Oxide and Gold Nanoclusters: A Synergistic Catalyst with Surprisingly High Peroxidase-Like Activity Over a Broad pH Range and its Application for Cancer Cell Detection (Adv. Mater. 18/2013). <i>Advanced Materials</i> , 2013 , 25, 2510-2510	24	7
51	Nucleic acid-driven aggregation-induced emission of Au nanoclusters for visualizing telomerase activity in living cells and in vivo. <i>Materials Horizons</i> , 2021 , 8, 1769-1775	14.4	7
50	Mesoporous Encapsulated Chiral Nanogold for Use in Enantioselective Reactions. <i>Angewandte Chemie</i> , 2018 , 130, 17033-17037	3.6	7
49	Antibody Mimics as Bio-orthogonal Catalysts for Highly Selective Bacterial Recognition and Antimicrobial Therapy. <i>ACS Nano</i> , 2021 , 15, 15841-15849	16.7	7
48	Defect-Rich Adhesive Nanozymes as Efficient Antibiotics for Enhanced Bacterial Inhibition. <i>Angewandte Chemie</i> , 2019 , 131, 16382-16388	3.6	6
47	A cytotoxic amyloid oligomer self-triggered and NIR-enhanced amyloidosis therapeutic system. <i>Nano Research</i> , 2015 , 8, 2431-2444	10	6
46	pH-responsive DNA assembly regulated through A-motif. <i>Soft Matter</i> , 2011 , 7, 10574	3.6	6
45	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	8.5	6
44	Construction of a chiral artificial enzyme used for enantioselective catalysis in live cells. <i>Chemical Science</i> , 2020 , 11, 11344-11350	9.4	6
43	Chemically individual armoured bioreporter bacteria used for the in vivo sensing of ultra-trace toxic metal ions. <i>Chemical Communications</i> , 2017 , 53, 8415-8418	5.8	5
42	Molecular crowding effects on the biochemical properties of amyloid β -heme, A β -Cu and A β -heme-Cu complexes. <i>Chemical Science</i> , 2020 , 11, 7479-7486	9.4	5
41	Versatile Fluorescent Conjugated Polyelectrolyte-Capped Mesoporous Silica Nanoparticles for Controlled Drug Delivery and Imaging. <i>ChemPlusChem</i> , 2013 , 78, 656-662	2.8	5
40	Direct visualization of MicroRNA in vivo via an intelligent MnO ₂ -carried catalytic DNA machine. <i>Sensors and Actuators B: Chemical</i> , 2019 , 283, 124-129	8.5	5
39	Targeting RNA G-Quadruplex in SARS-CoV-2: A Promising Therapeutic Target for COVID-19?. <i>Angewandte Chemie</i> , 2021 , 133, 436-442	3.6	5
38	DNA-based platform for efficient and precisely targeted bioorthogonal catalysis in living systems.. <i>Nature Communications</i> , 2022 , 13, 1459	17.4	5
37	A DNA/metal cluster-based nano-lantern as an intelligent theranostic device. <i>Chemical Communications</i> , 2020 , 56, 5295-5298	5.8	4

36	Conformational switch-mediated accelerated release of drug from cytosine-rich nucleic acid-capped magnetic nanovehicles. <i>Chemical Communications</i> , 2016 , 52, 3364-7	5.8	4
35	Photocontrolled Multidirectional Differentiation of Mesenchymal Stem Cells on an Upconversion Substrate. <i>Angewandte Chemie</i> , 2018 , 130, 11352-11357	3.6	4
34	Wireless near-infrared electrical stimulation of neurite outgrowth. <i>Chemical Communications</i> , 2019 , 55, 9833-9836	5.8	4
33	Ultrasensitive and Selective Detection of a Prognostic Indicator in Early-Stage Cancer Using Graphene Oxide and Carbon Nanotubes. <i>Advanced Functional Materials</i> , 2010 , 20, 3966-3966	15.6	4
32	Bio-Inspired Bimetallic Enzyme Mimics as Bio-Orthogonal Catalysts for Enhanced Bacterial Capture and Inhibition. <i>Chemistry of Materials</i> , 2021 , 33, 8052-8058	9.6	4
31	DNA-fueled molecular machine for label-free and non-enzymatic ultrasensitive detection of telomerase activity. <i>Analyst, The</i> , 2016 , 141, 4855-8	5	4
30	Elimination of macrophage-entrapped antibiotic-resistant bacteria by a targeted metal-organic framework-based nanoplatfrom. <i>Chemical Communications</i> , 2021 , 57, 2903-2906	5.8	4
29	Developing Enzyme-Responsive Nanomedicine for Inhibition of hTERT Mitochondrial Translocation. <i>Advanced Therapeutics</i> , 2020 , 3, 1900203	4.9	3
28	Incorporation of O(6)-methylguanine restricts the conformational conversion of the human telomere G-quadruplex under molecular crowding conditions. <i>Chemical Communications</i> , 2016 , 52, 1903-5	5.8	3
27	Cell membrane-camouflaged liposomes for tumor cell-selective glycans engineering and imaging in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	3
26	Catalytic asymmetric hydrogenation reaction by in situ formed ultra-fine metal nanoparticles in live thermophilic hydrogen-producing bacteria. <i>Nanoscale</i> , 2021 , 13, 8024-8029	7.7	3
25	Electronic Band-Engineered Nanomaterials for Biosafety and Biomedical Application. <i>Accounts of Materials Research</i> , 2021 , 2, 764-779	7.5	3
24	Near-infrared target enhanced peripheral clearance of amyloid- β in Alzheimer's disease model. <i>Biomaterials</i> , 2021 , 276, 121065	15.6	3
23	Innenrücktitelbild: Deciphering a Nanocarbon-Based Artificial Peroxidase: Chemical Identification of the Catalytically Active and Substrate-Binding Sites on Graphene Quantum Dots (Angew. Chem. 24/2015). <i>Angewandte Chemie</i> , 2015 , 127, 7305-7305	3.6	2
22	Drug Delivery: Gold Nanocage-Based Dual Responsive Targeted Metal Chelator-Release System: Noninvasive Remote Control with Near Infrared for Potential Treatment of Alzheimer's Disease (Adv. Funct. Mater. 43/2013). <i>Advanced Functional Materials</i> , 2013 , 23, 5338-5338	15.6	2
21	Recent progress in sensor arrays using nucleic acid as sensing elements. <i>Coordination Chemistry Reviews</i> , 2022 , 456, 214379	23.2	2
20	Carbon-based Nanozymes. <i>Nanostructure Science and Technology</i> , 2020 , 171-193	0.9	2
19	A Bimetallic Metal-Organic Framework Encapsulated with DNase for Intracellular Drug Synthesis and Self-Sufficient Gene Therapy. <i>Angewandte Chemie</i> , 2021 , 133, 12539-12545	3.6	2

18	Aggregation behavior at interfaces with switchable wettability: a bioinspired perspective to understand amyloid formation. <i>Chemical Communications</i> , 2021 , 57, 2641-2644	5.8	2
17	Specific generation of nitric oxide in mitochondria of cancer cell for selective oncotherapy. <i>Nano Research</i> , 2021 , 14, 101-108	10	2
16	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> , 2021 , 10, 1-10	18.9	1
15	Yeast@MOF bioreactor as a tumor metabolic symbiosis disruptor for the potent inhibition of metabolically heterogeneous tumors. <i>Nano Today</i> , 2022 , 42, 101331	17.9	1
14	MicroRNA-Triggered Nanozymes Cascade Reaction for Tumor-Specific Chemodynamic Therapy. <i>Chemistry - A European Journal</i> , 2021 , 27, 1611-1621	4.8	1
13	Recent advances in the construction of nanozyme-based logic gates. <i>Biophysics Reports</i> , 2020 , 6, 245-255	5.5	1
12	Near-infrared-traceable DNA nano-hydrolase: specific eradication of telomeric G-overhang in vivo. <i>Nucleic Acids Research</i> , 2020 , 48, 9986-9994	20.1	1
11	A Nature-Inspired Metal-Organic Framework Discriminator for Differential Diagnosis of Cancer Cell Subtypes. <i>Angewandte Chemie</i> , 2021 , 133, 15564-15572	3.6	1
10	Nature-Inspired Construction of MOF@COF Nanozyme with Active Sites in Tailored Microenvironment and Pseudopodia-Like Surface for Enhanced Bacterial Inhibition. <i>Angewandte Chemie</i> , 2021 , 133, 3511-3516	3.6	1
9	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	11.5	1
8	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	1.4	0
7	Modular AND Gate-Controlled Delivery Platform for Tumor Microenvironment Specific Activation of Protein Activity. <i>Chemistry - A European Journal</i> , 2020 , 26, 7573-7577	4.8	0
6	Drug Delivery: Near-Infrared Light-Triggered, Targeted Drug Delivery to Cancer Cells by Aptamer Gated Nanovehicles (Adv. Mater. 21/2012). <i>Advanced Materials</i> , 2012 , 24, 2798-2798	24	0
5	Gold-Nanoparticle Sensors: Visualizing Human Telomerase Activity with Primer-Modified Au Nanoparticles (Small 2/2012). <i>Small</i> , 2012 , 8, 166-166	11	0
4	Controlled Drug Release: Mesoporous Silica Nanoparticle-based H2O2 Responsive Controlled-Release System Used for Alzheimer's Disease Treatment (Adv. Healthcare Mater. 3/2012). <i>Advanced Healthcare Materials</i> , 2012 , 1, 242-242	10.1	0
3	Innenteilbild: Polyoxometalates as Inhibitors of the Aggregation of Amyloid [Peptides Associated with Alzheimer's Disease (Angew. Chem. 18/2011). <i>Angewandte Chemie</i> , 2011 , 123, 4110-4110	3.6	0
2	Inside Cover: Polyoxometalates as Inhibitors of the Aggregation of Amyloid [Peptides Associated with Alzheimer's Disease (Angew. Chem. Int. Ed. 18/2011). <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 4024-4024	16.4	0
1	Nanozymology: Perspective and Challenges. <i>Nanostructure Science and Technology</i> , 2020 , 557-562	0.9	0

