Piaoping Yang

List of Publications by Year in Descending Order

272 papers	21,019 citations	73 h-index	137 g-index
282 ext. papers	24,694 ext. citations	10.7 avg, IF	7.26 L-index

#	Paper	IF	Citations
272	Pt Decorated TiCT MXene with NIR-II Light Amplified Nanozyme Catalytic Activity for Efficient Phototheranostics.. *ACS Nano*, **2022**,	16.7	22
271	Recent advances on endogenous/exogenous stimuli-triggered nanoplatforms for enhanced chemodynamic therapy. *Coordination Chemistry Reviews*, **2022**, 451, 214267	23.2	13
270	Engineering oxygen vacancy of MoO nanoenzyme by Mn doping for dual-route cascaded catalysis mediated high tumor eradication.. *Journal of Colloid and Interface Science*, **2022**, 623, 155-167	9.3	2
269	Bimetallic oxide nanozyme-mediated depletion of glutathione to boost oxidative stress for combined nanocatalytic therapy. *Journal of Colloid and Interface Science*, **2022**, 623, 787-798	9.3	1
268	Guiding Transition Metal-Doped Hollow Cerium Tandem Nanozymes with Elaborately Regulated Multi-Enzymatic Activities for Intensive Chemodynamic Therapy. *Advanced Materials*, **2021**, e2107054	24	19
267	Hydrogen Sulfide: An Emerging Precision Strategy for Gas Therapy. *Advanced Healthcare Materials*, **2021**, e2101984	10.1	5
266	2D Piezoelectric Bi MoO Nanoribbons for GSH-Enhanced Sonodynamic Therapy. *Advanced Materials* , **2021**, e2106838	24	33
265	Biodegradable Nanocatalyst with Self-Supplying Fenton-like Ions and HO for Catalytic Cascade-Amplified Tumor Therapy. *ACS Applied Materials & Interfaces*, **2021**, 13, 50760-50773	9.5	4
264	Magneto-Electrically Enhanced Intracellular Catalysis of FePt-FeC Heterostructures for Chemodynamic Therapy. *Advanced Materials*, **2021**, 33, e2100472	24	23
263	Renal-Clearable Nickel-Doped Carbon Dots with Boosted Photothermal Conversion Efficiency for Multimodal Imaging-Guided Cancer Therapy in the Second Near-Infrared Biowindow. *Advanced Functional Materials*, **2021**, 31, 2100549	15.6	25
262	Ball-milling fabrication of BiAgOS nanoparticles for 808 nm light mediated photodynamic/photothermal treatment. *Chemical Engineering Journal*, **2021**, 411, 128568	14.7	8
261	A Tumor-Microenvironment-Responsive Nanocomposite for Hydrogen Sulfide Gas and Trimodal-Enhanced Enzyme Dynamic Therapy. *Advanced Materials*, **2021**, 33, e2101223	24	22
260	Upconverted Metal-Organic Framework Janus Architecture for Near-Infrared and Ultrasound Co-Enhanced High Performance Tumor Therapy. *ACS Nano*, **2021**,	16.7	33
259	Polymer-Functionalized Upconversion Nanoparticles for Light/Imaging-Guided Drug Delivery. *Biomacromolecules*, **2021**, 22, 3168-3201	6.9	9
258	Six-photon upconverted excitation energy lock-in for ultraviolet-C enhancement. *Nature Communications*, **2021**, 12, 4367	17.4	13
257	Recent advances in porphyrin-based MOFs for cancer therapy and diagnosis therapy. *Coordination Chemistry Reviews*, **2021**, 439, 213945	23.2	27
256	A smart nanoplatform for synergistic starvation, hypoxia-active prodrug treatment and photothermal therapy mediated by near-infrared-II light. *Chemical Engineering Journal*, **2021**, 405, 127027	14.7	8

255	Two steps synthesis of CeTiOx oxides nanotube catalyst: Enhanced activity, resistance of SO2 and H2O for low temperature NH3-SCR of NOx. *Applied Catalysis B: Environmental*, **2021**, 282, 119542	21.8	54
254	GPC3-targeted and curcumin-loaded phospholipid microbubbles for sono-photodynamic therapy in liver cancer cells. *Colloids and Surfaces B: Biointerfaces*, **2021**, 197, 111358	6	12
253	Construction of thiol-capped ultrasmall Au-Bi bimetallic nanoparticles for X-ray CT imaging and enhanced antitumor therapy efficiency. *Biomaterials*, **2021**, 264, 120453	15.6	20
252	CuFeSe-based thermo-responsive multifunctional nanomaterial initiated by a single NIR light for hypoxic cancer therapy. *Journal of Materials Chemistry B*, **2021**, 9, 336-348	7.3	10
251	Integration of IR-808 and thiol-capped Au-Bi bimetallic nanoparticles for NIR light mediated photothermal/photodynamic therapy and imaging. *Journal of Materials Chemistry B*, **2021**, 9, 101-111	7.3	7
250	In situ oxygenating and 808 nm light-sensitized nanocomposite for multimodal imaging and mitochondria-assisted cancer therapy. *Journal of Materials Chemistry B*, **2021**, 9, 131-146	7.3	5
249	An Ultrasmall SnFe2O4 Nanozyme with Endogenous Oxygen Generation and Glutathione Depletion for Synergistic Cancer Therapy. *Advanced Functional Materials*, **2021**, 31, 2006216	15.6	59
248	Learning from lanthanide complexes: The development of dye-lanthanide nanoparticles and their biomedical applications. *Coordination Chemistry Reviews*, **2021**, 429, 213642	23.2	26
247	Up-conversion hybrid nanomaterials for light- and heat-driven applications. *Progress in Materials Science*, **2021**, 121, 100838	42.2	5
246	A novel “off-on-off” fluorescent sensor based on inner filter effect for ultrasensitive detection of protamine/trypsin and subcellular colocalization. *Sensors and Actuators B: Chemical*, **2021**, 340, 129930	8.5	3
245	Recent Progress in DNA Hybridization Chain Reaction Strategies for Amplified Biosensing. *ACS Applied Materials & Interfaces*, **2021**, 13, 38931-38946	9.5	9
244	Calcium Peroxide-Based Nanosystem with Cancer Microenvironment-Activated Capabilities for Imaging Guided Combination Therapy Mitochondrial Ca Overload and Chemotherapy. *ACS Applied Materials & Interfaces*, **2021**, 13, 44096-44107	9.5	8
243	Europium Doped Silicon Quantum Dot As a Novel FRET Based Dual Detection Probe: Sensitive Detection of Tetracycline, Zinc, and Cadmium.. *Small Methods*, **2021**, 5, e2100812	12.8	5
242	H2O2/O2 self-supplementing and GSH-depleting Ca2+ nanogenerator with hyperthermia-triggered, TME-responsive capacities for combination cancer therapy. *Chemical Engineering Journal*, **2021**, 425, 131485	14.7	9
241	One-Step Integration of Tumor Microenvironment-Responsive Calcium and Copper Peroxides Nanocomposite for Enhanced Chemodynamic/Ion-Interference Therapy.. *ACS Nano*, **2021**,	16.7	17
240	Synthesis of FeOCl in Hollow Dendritic Mesoporous Organosilicon for Ascorbic Acid-Enhanced and MR Imaging-Guided Chemodynamic Therapy in Neutral pH Conditions. *ACS Applied Materials & Interfaces*, **2020**, 12, 56886-56897	9.5	9
239	Multifunctional Bismuth Ferrite Nanocatalysts with Optical and Magnetic Functions for Ultrasound-Enhanced Tumor Theranostics. *ACS Nano*, **2020**, 14, 7245-7258	16.7	59
238	AuPt-PEG-Ce6 nanoformulation with dual nanozyme activities for synergistic chemodynamic therapy / phototherapy. *Biomaterials*, **2020**, 252, 120093	15.6	104

237	SiO@CuS nanotubes for photo/chemodynamic and photo-thermal dual-mode synergistic therapy under 808 nm laser irradiation. *Journal of Materials Chemistry B*, **2020**, 8, 5707-5721	7.3	12
236	Video-rate upconversion display from optimized lanthanide ion doped upconversion nanoparticles. *Nanoscale*, **2020**, 12, 18595-18599	7.7	9
235	An 808 nm Light-Sensitized Upconversion Nanoplatform for Multimodal Imaging and Efficient Cancer Therapy. *Inorganic Chemistry*, **2020**, 59, 4909-4923	5.1	18
234	Fusiform-Like Copper(II)-Based Metal-Organic Framework through Relief Hypoxia and GSH-Depletion Co-Enhanced Starvation and Chemodynamic Synergetic Cancer Therapy. *ACS Applied Materials & Interfaces*, **2020**, 12, 17254-17267	9.5	79
233	Self-generation of oxygen and simultaneously enhancing photodynamic therapy and MRI effect: An intelligent nanoplatform to conquer tumor hypoxia for enhanced phototherapy. *Chemical Engineering Journal*, **2020**, 390, 124624	14.7	22
232	Core-shell structured upconversion nanocrystal-dendrimer composite as a carrier for mitochondria targeting and catalase enhanced anti-cancer photodynamic therapy. *Biomaterials*, **2020**, 240, 119850	15.6	55
231	Ag-modified hexagonal nanoflakes-textured hollow octahedron Zn2SnO4 with enhanced sensing properties for triethylamine. *Journal of Alloys and Compounds*, **2020**, 823, 153724	5.7	12
230	Nanolayered Heterostructures of N-Doped TiO2 and N-Doped Carbon for Hydrogen Evolution. *ACS Applied Nano Materials*, **2020**, 3, 1373-1381	5.6	36
229	Lanthanide-activated nanoconstructs for optical multiplexing. *Coordination Chemistry Reviews*, **2020**, 415, 213328	23.2	27
228	Rapid Decomposition and Catalytic Cascade Nanoplatforms Based on Enzymes and Mn-Etched Dendritic Mesoporous Silicon for MRI-Guided Synergistic Therapy. *ACS Applied Materials & Interfaces*, **2020**, 12, 45772-45788	9.5	13
227	Low-Temperature Synthesis of Honeycomb CuP @C in Molten ZnCl Salt for High-Performance Lithium Ion Batteries. *Angewandte Chemie - International Edition*, **2020**, 59, 1975-1979	16.4	36
226	Construction of Bi/phthalocyanine manganese nanocomposite for trimodal imaging directed photodynamic and photothermal therapy mediated by 808 nm light. *Biomaterials*, **2020**, 228, 119569	15.6	70
225	Low-Temperature Synthesis of Honeycomb CuP2@C in Molten ZnCl2 Salt for High-Performance Lithium Ion Batteries. *Angewandte Chemie*, **2020**, 132, 1991-1995	3.6	14
224	Orderly layer-by-layered TiO2/carbon superstructures based on MXene□ defect engineeringfor efficient hydrogen evolution. *Applied Catalysis A: General*, **2020**, 590, 117341	5.1	27
223	Sequential Catalytic, Magnetic Targeting Nanoplatform for Synergistic Photothermal and NIR-Enhanced Chemodynamic Therapy. *Chemistry of Materials*, **2020**, 32, 9868-9881	9.6	18
222	Insight into the Luminescence Alternation of Sub-30 nm Upconversion Nanoparticles with a Small NaHoF Core and Multi-Gd /Yb Coexisting Shells. *Small*, **2020**, 16, e2003799	11	10
221	Multimode Imaging-Guided Photothermal/Chemodynamic Synergistic Therapy Nanoagent with a Tumor Microenvironment Responded Effect. *ACS Applied Materials & Interfaces*, **2020**, 12, 52479-52491	9.5	20
220	An all-in-one theranostic nanoplatform based on upconversion dendritic mesoporous silica nanocomposites for synergistic chemodynamic/photodynamic/gas therapy. *Nanoscale*, **2020**, 12, 24146-24161	7.7	25

219	A pH-Activable Chemo-Photodynamic Therapy Based on Cube-Wrapped-Cube NaYbF4:2/ Nanoparticles Mediated by 808 nm Light. *Chemistry of Materials*, **2020**, 32, 7492-7506	9.6	14
218	All-in-One Theranostic Nanomedicine with Ultrabright Second Near-Infrared Emission for Tumor-Modulated Bioimaging and Chemodynamic/Photodynamic Therapy. *ACS Nano*, **2020**, 14, 9613-9625	16.7	97
217	Ultrafine Sn4P3 nanocrystals from chloride reduction on mechanically activated Na surface for sodium/lithium ion batteries. *Nano Research*, **2020**, 13, 3157-3164	10	22
216	Intelligent Fe-Mn Layered Double Hydroxides Nanosheets Anchored with Upconversion Nanoparticles for Oxygen-Elevated Synergetic Therapy and Bioimaging. *Small*, **2020**, 16, e2001343	11	40
215	X-ray-triggered NO-released Bi-SNO nanoparticles: all-in-one nano-radiosensitizer with photothermal/gas therapy for enhanced radiotherapy. *Nanoscale*, **2020**, 12, 19293-19307	7.7	22
214	A porous material excited by near-infrared light for photo/chemodynamic and photothermal dual-mode combination therapy. *Journal of Materials Chemistry B*, **2020**, 8, 10559-10576	7.3	8
213	GSH-Depleted Nanozymes with Hyperthermia-Enhanced Dual Enzyme-Mimic Activities for Tumor Nanocatalytic Therapy. *Advanced Materials*, **2020**, 32, e2002439	24	135
212	Near-Infrared Upconversion Mesoporous Tin Oxide Bio-Photocatalyst for HO-Activatable O-Generating Magnetic Targeting Synergetic Treatment. *ACS Applied Materials & Interfaces*, **2020**, 12, 41047-41061	9.5	12
211	Layer structured LDH_ZnPcG4-FA nanoplatform for targeted and imaging guided chemo-photodynamic therapy mediated by 650 nm light. *Chemical Engineering Journal*, **2020**, 382, 122847	14.7	7
210	Tunable multicolor and white emission NaLuF4:Yb, Nd, Ln (Ln = Er, Tm, Er/Tm) microstructures. *Solid State Sciences*, **2020**, 101, 105860	3.4	3
209	Future and challenges for hybrid upconversion nanosystems. *Nature Photonics*, **2019**, 13, 828-838	33.9	73
208	AgBiS-TPP nanocomposite for mitochondrial targeting photodynamic therapy, photothermal therapy and bio-imaging under 808 nm NIR laser irradiation. *Biomaterials Science*, **2019**, 7, 4769-4781	7.4	11
207	Hyaluronic acid-targeted and pH-responsive drug delivery system based on metal-organic frameworks for efficient antitumor therapy. *Biomaterials*, **2019**, 223, 119473	15.6	90
206	O-Generating Metal-Organic Framework-Based Hydrophobic Photosensitizer Delivery System for Enhanced Photodynamic Therapy. *ACS Applied Materials & Interfaces*, **2019**, 11, 36347-36358	9.5	54
205	Tumor self-responsive upconversion nanomedicines for theranostic applications. *Nanoscale*, **2019**, 11, 17535-17556	7.7	21
204	An intelligent nanoplatform for simultaneously controlled chemo-, photothermal, and photodynamic therapies mediated by a single NIR light. *Chemical Engineering Journal*, **2019**, 362, 679-691	14.7	64
203	A smart tumor microenvironment responsive nanoplatform based on upconversion nanoparticles for efficient multimodal imaging guided therapy. *Biomaterials Science*, **2019**, 7, 951-962	7.4	23
202	Tumour microenvironment responsive nanoconstructs for cancer theranostic. *Nano Today*, **2019**, 26, 16-56	17.9	73

201	Targeted and imaging-guided chemo-photothermal ablation achieved by combining upconversion nanoparticles and protein-capped gold nanodots. *Chemical Engineering Journal*, **2019**, 370, 1239-1250	14.7	27
200	MnO2-Disguised Upconversion Hybrid Nanocomposite: An Ideal Architecture for Tumor Microenvironment-Triggered UCL/MR Bioimaging and Enhanced Chemodynamic Therapy. *Chemistry of Materials*, **2019**, 31, 2651-2660	9.6	92
199	Upconversion-mediated ZnFeO nanoplatform for NIR-enhanced chemodynamic and photodynamic therapy. *Chemical Science*, **2019**, 10, 4259-4271	9.4	116
198	Switchable up-conversion luminescence bioimaging and targeted photothermal ablation in one core-shell-structured nanohybrid by alternating near-infrared light. *Dalton Transactions*, **2019**, 48, 5817-5830	4.3	6
197	Fine-Tuning Ho-Based Red-Upconversion Luminescence by Altering NaHoF4 Core Size and NaYbF4 Shell Thickness. *Chemistry of Materials*, **2019**, 31, 7898-7909	9.6	17
196	Mesoporous cerium oxide-coated upconversion nanoparticles for tumor-responsive chemo-photodynamic therapy and bioimaging. *Chemical Science*, **2019**, 10, 8618-8633	9.4	64
195	Hyperthermia and Controllable Free Radical Coenhanced Synergistic Therapy in Hypoxia Enabled by Near-Infrared-II Light Irradiation. *ACS Nano*, **2019**, 13, 13144-13160	16.7	72
194	Degradable Calcium Phosphate-Coated Upconversion Nanoparticles for Highly Efficient Chemo-Photodynamic Therapy. *ACS Applied Materials & Interfaces*, **2019**, 11, 47659-47670	9.5	20
193	Ultrabright single-band red upconversion luminescence in highly transparent fluorosilicate glass ceramics containing KMnF perovskite nanocrystals. *Optics Letters*, **2019**, 44, 2959-2961	3	9
192	808 nm Near-Infrared Light-Excited UCNPs@mSiO-Ce6-GPC3 Nanocomposites For Photodynamic Therapy In Liver Cancer. *International Journal of Nanomedicine*, **2019**, 14, 10009-10021	7.3	7
191	Glutathione and H2O2 consumption promoted photodynamic and chemotherapy based on biodegradable MnO2Pt@Au25 nanosheets. *Chemical Engineering Journal*, **2019**, 356, 543-553	14.7	78
190	Recent advances in near-infrared emitting lanthanide-doped nanoconstructs: Mechanism, design and application for bioimaging. *Coordination Chemistry Reviews*, **2019**, 381, 104-134	23.2	165
189	Combination of CuS and g-C3N4 QDs on upconversion nanoparticles for targeted photothermal and photodynamic cancer therapy. *Chemical Engineering Journal*, **2019**, 360, 866-878	14.7	55
188	Self-assembled zinc phthalocyanine nanoparticles as excellent photothermal/photodynamic synergistic agent for antitumor treatment. *Chemical Engineering Journal*, **2019**, 361, 117-128	14.7	65
187	Preparation of NiAl-LDH/Polypyrrole composites for uranium(VI) extraction from simulated seawater. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 562, 329-335	5.1	9
186	One-pot synthesis of cubic ZnSnO3/ZnO heterostructure composite and enhanced gas-sensing performance. *Journal of Alloys and Compounds*, **2019**, 780, 193-201	5.7	32
185	Bioresponsive upconversion nanostructure for combinatorial bioimaging and chemo-photothermal synergistic therapy. *Chemical Engineering Journal*, **2018**, 342, 446-457	14.7	16
184	Multifunctional Theranostic Nanoplatform Based on Fe-mTaO@CuS-ZnPc/PCM for Bimodal Imaging and Synergistically Enhanced Phototherapy. *Inorganic Chemistry*, **2018**, 57, 4864-4876	5.1	26

183	Controlling Selective Doping and Energy Transfer between Transition Metal and Rare Earth Ions in Nanostructured Glassy Solids. *Advanced Optical Materials*, **2018**, 6, 1701407	8.1	47
182	Nano-graphene oxide-UCNP-Ce6 covalently constructed nanocomposites for NIR-mediated bioimaging and PTT/PDT combinatorial therapy. *Dalton Transactions*, **2018**, 47, 3931-3939	4.3	52
181	Redox-responsive UCNPs-DPA conjugated NGO-PEG-BPEI-DOX for imaging-guided PTT and chemotherapy for cancer treatment. *Dalton Transactions*, **2018**, 47, 3921-3930	4.3	27
180	Transmission electron microscopic and optical spectroscopic studies of Ni2+/Yb3+/Er3+/Tm3+ doped dual-phase glass-ceramics. *Journal of the American Ceramic Society*, **2018**, 101, 2868-2876	3.8	9
179	Glutathione Mediated Size-Tunable UCNPs-Pt(IV)-ZnFe O Nanocomposite for Multiple Bioimaging Guided Synergetic Therapy. *Small*, **2018**, 14, e1703809	11	79
178	A novel core-shell structured upconversion nanorod as a multimodal bioimaging and photothermal ablation agent for cancer theranostics. *Journal of Materials Chemistry B*, **2018**, 6, 2597-2607	7.3	34
177	Bioresponsive and near infrared photon co-enhanced cancer theranostic based on upconversion nanocapsules. *Chemical Science*, **2018**, 9, 3233-3247	9.4	62
176	Reduction-sensitive fluorescence enhanced polymeric prodrug nanoparticles for combinational photothermal-chemotherapy. *Biomaterials*, **2018**, 163, 14-24	15.6	79
175	A water-soluble fluorescent chemosensor having a high affinity and sensitivity for Zn2+ and its biological application. *Sensors and Actuators B: Chemical*, **2018**, 259, 484-491	8.5	14
174	Fabrication of reduced graphene oxide decorated with gold and nickel for the catalytic reduction of 4-nitrophenol. *Journal of Materials Science*, **2018**, 53, 4874-4883	4.3	19
173	A Self-Repairing Cathode Material for Lithium-Selenium Batteries: Se-C Chemically Bonded Selenium-Graphene Composite. *Chemistry - A European Journal*, **2018**, 24, 2151-2156	4.8	37
172	Controllable Generation of Free Radicals from Multifunctional Heat-Responsive Nanoplatform for Targeted Cancer Therapy. *Chemistry of Materials*, **2018**, 30, 526-539	9.6	73
171	Bismuth Nanoparticles with Light Property Served as a Multifunctional Probe for X-ray Computed Tomography and Fluorescence Imaging. *Chemistry of Materials*, **2018**, 30, 3301-3307	9.6	48
170	Recent advances in functional nanomaterials for light triggered cancer therapy. *Nano Today*, **2018**, 19, 146-187	17.9	325
169	Synthesis and luminescence properties of NaGdF4: Yb3+, Ce3+, and Ho3+ upconversion nanoparticles doped with Zn2+. *CrystEngComm*, **2018**, 20, 2663-2668	3.3	7
168	Metal-organic frameworks join hands to create an anti-cancer nanoplatform based on 808 nm light driving up-conversion nanoparticles. *Chemical Engineering Journal*, **2018**, 344, 363-374	14.7	37
167	Carbon-Dot-Decorated TiO Nanotubes toward Photodynamic Therapy Based on Water-Splitting Mechanism. *Advanced Healthcare Materials*, **2018**, 7, e1800042	10.1	39
166	Double-Sensitive Drug Release System Based on MnO2 Assembled Upconversion Nanoconstruct for Double-Model Guided Chemotherapy. *ACS Applied Nano Materials*, **2018**, 1, 1648-1656	5.6	20

165	A novel strategy for markedly enhancing the red upconversion emission in Er3+/Tm3+ cooperated nanoparticles. *Journal of Materials Chemistry C*, **2018**, 6, 7533-7540	7.1	19
164	Quad-Model Imaging-Guided High-Efficiency Phototherapy Based on Upconversion Nanoparticles and ZnFeO Integrated Graphene Oxide. *Inorganic Chemistry*, **2018**, 57, 9988-9998	5.1	28
163	Tumor Microenvironment-Responsive Mesoporous MnO2-Coated Upconversion Nanoplatform for Self-Enhanced Tumor Theranostics. *Advanced Functional Materials*, **2018**, 28, 1803804	15.6	182
162	Phenanthriplatin(iv) conjugated multifunctional up-converting nanoparticles for drug delivery and biomedical imaging. *Journal of Materials Chemistry B*, **2018**, 6, 5059-5068	7.3	23
161	Multi-photon near-infrared emission saturation nanoscopy using upconversion nanoparticles. *Nature Communications*, **2018**, 9, 3290	17.4	92
160	Fe3O4@MIL-100(Fe)-UCNPs heterojunction photosensitizer: Rational design and application in near infrared light mediated hypoxic tumor therapy. *Chemical Engineering Journal*, **2018**, 354, 1141-1152	14.7	47
159	DNA-mediated anisotropic silica coating of upconversion nanoparticles. *Chemical Communications*, **2018**, 54, 7183-7186	5.8	5
158	Advances in highly doped upconversion nanoparticles. *Nature Communications*, **2018**, 9, 2415	17.4	502
157	Reversible and Sensitive Hg Detection by a Cell-Permeable Ytterbium Complex. *Inorganic Chemistry* , **2018**, 57, 120-128	5.1	23
156	Polypyrrole-coated UCNPs@mSiO@ZnO nanocomposite for combined photodynamic and photothermal therapy. *Journal of Materials Chemistry B*, **2018**, 6, 8148-8162	7.3	23
155	Highly Erbium-Doped Nanoplatform with Enhanced Red Emission for Dual-Modal Optical-Imaging-Guided Photodynamic Therapy. *Inorganic Chemistry*, **2018**, 57, 14594-14602	5.1	14
154	Magnetic Targeting, Tumor Microenvironment-Responsive Intelligent Nanocatalysts for Enhanced Tumor Ablation. *ACS Nano*, **2018**, 12, 11000-11012	16.7	247
153	Honeycomb-Satellite Structured pH/HO-Responsive Degradable Nanoplatform for Efficient Photodynamic Therapy and Multimodal Imaging. *ACS Applied Materials & Interfaces*, **2018**, 10, 33901-33912	9.5	63
152	Efficient Charge Separation from F Selective Etching and Doping of Anatase-TiO{001} for Enhanced Photocatalytic Hydrogen Production. *ACS Applied Materials & Interfaces*, **2018**, 10, 19633-19638	9.5	47
151	Single bismuth tungstate nanosheets for simultaneous chemo-, photothermal, and photodynamic therapies mediated by near-infrared light. *Chemical Engineering Journal*, **2018**, 351, 1147-1158	14.7	34
150	NiO/Ni/TiO nanocables with Schottky/p-n heterojunctions and the improved photocatalytic performance in water splitting under visible light. *Journal of Colloid and Interface Science*, **2018**, 530, 1-8	9.3	54
149	A direct charger transfer from interface to surface for the highly efficient spatial separation of electrons and holes: The construction of Ti□ bonded interfaces in TiO2-C composite as a touchstone for photocatalytic water splitting. *Nano Energy*, **2017**, 33, 29-36	17.1	46
148	Uniformly Dispersed ZnFeO Nanoparticles on Nitrogen-Modified Graphene for High-Performance Supercapacitor as Electrode. *Scientific Reports*, **2017**, 7, 43116	4.9	72

147	808 nm near-infrared light controlled dual-drug release and cancer therapy in vivo by upconversion mesoporous silica nanostructures. *Journal of Materials Chemistry B*, **2017**, 5, 2086-2095	7.3	48
146	Amplified stimulated emission in upconversion nanoparticles for super-resolution nanoscopy. *Nature*, **2017**, 543, 229-233	50.4	473
145	808-nm-Light-Excited Lanthanide-Doped Nanoparticles: Rational Design, Luminescence Control and Theranostic Applications. *Advanced Materials*, **2017**, 29, 1605434	24	189
144	Multiple imaging and excellent anticancer efficiency of an upconverting nanocarrier mediated by single near infrared light. *Nanoscale*, **2017**, 9, 4759-4769	7.7	31
143	Multifunctional Theranostics for Dual-Modal Photodynamic Synergistic Therapy via Stepwise Water Splitting. *ACS Applied Materials & Interfaces*, **2017**, 9, 6829-6838	9.5	53
142	Optimal Sensitizer Concentration in Single Upconversion Nanocrystals. *Nano Letters*, **2017**, 17, 2858-2864	11.5	118
141	Upconversion processes: versatile biological applications and biosafety. *Nanoscale*, **2017**, 9, 12248-12282	7.7	57
140	NIR-driven water splitting by layered bismuth oxyhalide sheets for effective photodynamic therapy. *Journal of Materials Chemistry B*, **2017**, 5, 4152-4161	7.3	32
139	A Core-Shell-Satellite Structured Fe O @g-C N -UCNPs-PEG for T /T -Weighted Dual-Modal MRI-Guided Photodynamic Therapy. *Advanced Healthcare Materials*, **2017**, 6, 1700502	10.1	39
138	Preparation of Carbon Dots for Cellular Imaging by the Molecular Aggregation of Cellulolytic Enzyme Lignin. *Langmuir*, **2017**, 33, 5786-5795	4	56
137	A Versatile Near Infrared Light Triggered Dual-Photosensitizer for Synchronous Bioimaging and Photodynamic Therapy. *ACS Applied Materials & Interfaces*, **2017**, 9, 12993-13008	9.5	55
136	Charge convertibility and near infrared photon co-enhanced cisplatin chemotherapy based on upconversion nanoplatform. *Biomaterials*, **2017**, 130, 42-55	15.6	65
135	A simple and efficient hydrogen production-storage hybrid system (Co/TiO2) for synchronized hydrogen photogeneration with uptake. *Journal of Materials Chemistry A*, **2017**, 5, 9198-9203	13	20
134	Assembly of Au Plasmonic Photothermal Agent and Iron Oxide Nanoparticles on Ultrathin Black Phosphorus for Targeted Photothermal and Photodynamic Cancer Therapy. *Advanced Functional Materials*, **2017**, 27, 1700371	15.6	211
133	Ni(OH) nanosheets grown on porous hybrid g-CN/RGO network as high performance supercapacitor electrode. *Scientific Reports*, **2017**, 7, 43413	4.9	44
132	Highly Emissive Dye-Sensitized Upconversion Nanostructure for Dual-Photosensitizer Photodynamic Therapy and Bioimaging. *ACS Nano*, **2017**, 11, 4133-4144	16.7	262
131	Markedly enhanced up-conversion luminescence by combining IR-808 dye sensitization and core-shell-shell structures. *Dalton Transactions*, **2017**, 46, 1495-1501	4.3	20
130	In Situ Growth Strategy to Integrate Up-Conversion Nanoparticles with Ultrasmall CuS for Photothermal Theranostics. *ACS Nano*, **2017**, 11, 1064-1072	16.7	118

129	Bane to boon: intrinsic defect sensitized photoluminescence from Mn2+ or rare-earth ion doped fluorosilicate photonic glasses. *Journal of Materials Chemistry C*, **2017**, 5, 11806-11814	7.1	15
128	Au Nanoclusters Sensitized Black TiO Nanotubes for Enhanced Photodynamic Therapy Driven by Near-Infrared Light. *Small*, **2017**, 13, 1703007	11	46
127	Recent Progress in Near Infrared Light Triggered Photodynamic Therapy. *Small*, **2017**, 13, 1702299	11	171
126	Multifunctional UCNPs@MnSiO@g-CN nanoplatform: improved ROS generation and reduced glutathione levels for highly efficient photodynamic therapy. *Biomaterials Science*, **2017**, 5, 2456-2467	7.4	48
125	Dopamine-mediated photothermal theranostics combined with up-conversion platform under near infrared light. *Scientific Reports*, **2017**, 7, 13562	4.9	29
124	Yolk-Structured Upconversion Nanoparticles with Biodegradable Silica Shell for FRET Sensing of Drug Release and Imaging-Guided Chemotherapy. *Chemistry of Materials*, **2017**, 29, 7615-7628	9.6	80
123	Multifunctional mesoporous ZrO encapsulated upconversion nanoparticles for mild NIR light activated synergistic cancer therapy. *Biomaterials*, **2017**, 147, 39-52	15.6	41
122	Lanthanide-doped bismuth oxobromide nanosheets for self-activated photodynamic therapy. *Journal of Materials Chemistry B*, **2017**, 5, 7939-7948	7.3	26
121	A water-soluble fluorescent hybrid material based on aminoclay and its bioimaging application. *RSC Advances*, **2017**, 7, 44614-44618	3.7	5
120	Integration of IR-808 Sensitized Upconversion Nanostructure and MoS Nanosheet for 808 nm NIR Light Triggered Phototherapy and Bioimaging. *Small*, **2017**, 13, 1701841	11	93
119	Thiol-Ene Click Reaction as a Facile and General Approach for Surface Functionalization of Colloidal Nanocrystals. *Advanced Materials*, **2017**, 29, 1604878	24	39
118	Multimodal imaging and photothermal therapy were simultaneously achieved in the core-shell UCNR structure by using single near-infrared light. *Dalton Transactions*, **2017**, 46, 12147-12157	4.3	14
117	Bioapplications of graphene constructed functional nanomaterials. *Chemico-Biological Interactions*, **2017**, 262, 69-89	5	33
116	Intracell Hydrogen Adsorption□Transmission in a Co2P Solid Hydrogen-Storage Material. *European Journal of Inorganic Chemistry*, **2016**, 2016, 3371-3375	2.3	10
115	NIR-driven graphitic-phase carbon nitride nanosheets for efficient bioimaging and photodynamic therapy. *Journal of Materials Chemistry B*, **2016**, 4, 8000-8008	7.3	43
114	Integration of Upconversion Nanoparticles and Ultrathin Black Phosphorus for Efficient Photodynamic Theranostics under 808 nm Near-Infrared Light Irradiation. *Chemistry of Materials*, **2016**, 28, 4724-4734	9.6	174
113	808□nm Light-triggered and hyaluronic acid-targeted dual-photosensitizers nanoplatform by fully utilizing Nd(3+)-sensitized upconversion emission with enhanced anti-tumor efficacy. *Biomaterials*, **2016**, 101, 32-46	15.6	150
112	N-Doped TiO2 Nanobelts with Coexposed (001) and (101) Facets and Their Highly Efficient Visible-Light-Driven Photocatalytic Hydrogen Production. *ACS Applied Materials & Interfaces*, **2016**, 8, 18126-31	9.5	134

111	Charge-Convertible Carbon Dots for Imaging-Guided Drug Delivery with Enhanced in Vivo Cancer Therapeutic Efficiency. *ACS Nano*, **2016**, 10, 4410-20	16.7	441
110	Near-infrared light-induced imaging and targeted anti-cancer therapy based on a yolk/shell structure. *RSC Advances*, **2016**, 6, 21590-21599	3.7	3
109	808 nm photocontrolled UCL imaging guided chemo/photothermal synergistic therapy with single UCNPs-CuS@PAA nanocomposite. *Dalton Transactions*, **2016**, 45, 13061-9	4.3	33
108	Flattening sol–gel nanospheres into a carbon sheet-intercalated cobalt/carbon/cobalt sandwich-nanostructure. *Inorganic Chemistry Frontiers*, **2016**, 3, 645-650	6.8	4
107	Doxorubicin-conjugated CuS nanoparticles for efficient synergistic therapy triggered by near-infrared light. *Dalton Transactions*, **2016**, 45, 5101-10	4.3	34
106	Three-dimensional controlled growth of monodisperse sub-50 nm heterogeneous nanocrystals. *Nature Communications*, **2016**, 7, 10254	17.4	205
105	Ultra small and highly dispersed Fe3O4 nanoparticles anchored on reduced graphene for supercapacitor application. *Electrochimica Acta*, **2016**, 190, 566-573	6.7	79
104	UCNPs@gelatin-ZnPc nanocomposite: synthesis, imaging and anticancer properties. *Journal of Materials Chemistry B*, **2016**, 4, 4138-4146	7.3	13
103	Emission stability and reversibility of upconversion nanocrystals. *Journal of Materials Chemistry C*, **2016**, 4, 9227-9234	7.1	21
102	g-C3N4 Coated Upconversion Nanoparticles for 808 nm Near-Infrared Light Triggered Phototherapy and Multiple Imaging. *Chemistry of Materials*, **2016**, 28, 7935-7946	9.6	135
101	Imaging-Guided and Light-Triggered Chemo-/Photodynamic/Photothermal Therapy Based on Gd (III) Chelated Mesoporous Silica Hybrid Spheres. *ACS Biomaterials Science and Engineering*, **2016**, 2, 2058-2071	5.5	41
100	Hybridization of inorganic CoB noncrystal with graphene and its Kubas-enhanced hydrogen adsorption at room temperature. *RSC Advances*, **2016**, 6, 93238-93244	3.7	5
99	Enhanced up/down-conversion luminescence and heat: Simultaneously achieving in one single core-shell structure for multimodal imaging guided therapy. *Biomaterials*, **2016**, 105, 77-88	15.6	54
98	Design, fabrication, luminescence and biomedical applications of UCNPs@mSiO-ZnPc-CDs-P(NIPAm-MAA) nanocomposites. *Journal of Materials Chemistry B*, **2016**, 4, 5883-5894	7.3	30
97	CuS-Pt(iv)-PEG-FA nanoparticles for targeted photothermal and chemotherapy. *Journal of Materials Chemistry B*, **2016**, 4, 5938-5946	7.3	27
96	A yolk-like multifunctional platform for multimodal imaging and synergistic therapy triggered by a single near-infrared light. *ACS Nano*, **2015**, 9, 1630-47	16.7	295
95	Y2O3:Yb,Er@mSiO2-Cu(x)S double-shelled hollow spheres for enhanced chemo-/photothermal anti-cancer therapy and dual-modal imaging. *Nanoscale*, **2015**, 7, 12180-91	7.7	52
94	A cheap and efficient catalyst with ultra-high activity for reduction of 4-nitrophenol. *CrystEngComm* , **2015**, 17, 5744-5750	3.3	19

93	Hierarchical porous CNTs@NCS@MnO2 composites: rational design and high asymmetric supercapacitor performance. *Journal of Materials Chemistry A*, **2015**, 3, 15642-15649	13	34
92	Facile preparation of NiCo2O4 nanobelt/graphene composite for electrochemical capacitor application. *Electrochimica Acta*, **2015**, 166, 206-214	6.7	48
91	Mesoporous NaYF4:Yb,Er@AuPt(IV)-FA nanospheres for dual-modal imaging and synergistic photothermal/chemo-anti-cancer therapy. *RSC Advances*, **2015**, 5, 43391-43401	3.7	5
90	Amorphous, Crystalline and Crystalline/Amorphous Selenium Nanowires and Their Different (De)Lithiation Mechanisms. *Chemistry of Materials*, **2015**, 27, 6730-6736	9.6	73
89	Controlling upconversion nanocrystals for emerging applications. *Nature Nanotechnology*, **2015**, 10, 924-936	36.7	970
88	Au25 cluster functionalized metal-organic nanostructures for magnetically targeted photodynamic/photothermal therapy triggered by single wavelength 808 nm near-infrared light. *Nanoscale*, **2015**, 7, 19568-78	7.7	89
87	Stimuli responsive drug delivery application of polymer and silica in biomedicine. *Journal of Materials Chemistry B*, **2015**, 3, 8599-8622	7.3	77
86	A Single 808 nm Near-Infrared Light-Mediated Multiple Imaging and Photodynamic Therapy Based on Titania Coupled Upconversion Nanoparticles. *Chemistry of Materials*, **2015**, 27, 7957-7968	9.6	114
85	Enhanced photocatalytic activities of net-like hematite nanoparticle/graphene oxide composite. *Journal of Materials Chemistry A*, **2015**, 3, 1421-1426	13	12
84	Hierarchical nanosheet-based NiMoO4 nanotubes: synthesis and high supercapacitor performance. *Journal of Materials Chemistry A*, **2015**, 3, 739-745	13	131
83	A New Single 808 nm NIR Light-Induced Imaging-Guided Multifunctional Cancer Therapy Platform. *Advanced Functional Materials*, **2015**, 25, 3966-3976	15.6	163
82	Enhanced Antitumor Efficacy by 808 nm Laser-Induced Synergistic Photothermal and Photodynamic Therapy Based on a Indocyanine-Green-Attached W18O49 Nanostructure. *Advanced Functional Materials*, **2015**, 25, 7280-7290	15.6	138
81	A cheap and facile route to synthesize monodisperse magnetic nanocrystals and their application as MRI agents. *Dalton Transactions*, **2015**, 44, 247-53	4.3	9
80	An imaging-guided platform for synergistic photodynamic/photothermal/chemo-therapy with pH/temperature-responsive drug release. *Biomaterials*, **2015**, 63, 115-27	15.6	175
79	ZnO/ZnS heterostructured nanorod arrays and their efficient photocatalytic hydrogen evolution. *Chemistry - A European Journal*, **2015**, 21, 12728-34	4.8	40
78	Multifunctional Anticancer Platform for Multimodal Imaging and Visible Light Driven Photodynamic/Photothermal Therapy. *Chemistry of Materials*, **2015**, 27, 1751-1763	9.6	104
77	Hollow Structured Y2O3:Yb/Er@CuxS Nanospheres with Controllable Size for Simultaneous Chemo/Photothermal Therapy and Bioimaging. *Chemistry of Materials*, **2015**, 27, 483-496	9.6	95
76	A novel 3D structured reduced graphene oxide/TiO2 composite: synthesis and photocatalytic performance. *Journal of Materials Chemistry A*, **2014**, 2, 3605-3612	13	57

75	Facile fabrication and electrochemical performance of flower-like Fe3O4@C@layered double hydroxide (LDH) composite. *Journal of Materials Chemistry A*, **2014**, 2, 8758-8765	13	56
74	A sandwich-type three-dimensional layered double hydroxide nanosheet array/graphene composite: fabrication and high supercapacitor performance. *Journal of Materials Chemistry A*, **2014**, 2, 1022-1031	13	212
73	Facile preparation and fluorescence enhancement of yolk-like Ag@Y2O3:Yb3+,Tm3+ hollow structured composite. *RSC Advances*, **2014**, 4, 6696	3.7	6
72	Recent progress in rare earth micro/nanocrystals: soft chemical synthesis, luminescent properties, and biomedical applications. *Chemical Reviews*, **2014**, 114, 2343-89	68.1	1088
71	Multifunctional LaPO4:Ce/Tb@Au mesoporous microspheres: synthesis, luminescence and controllable light triggered drug release. *RSC Advances*, **2014**, 4, 63425-63435	3.7	11
70	Controllable synthesis of Ni/SiO hollow spheres and their excellent catalytic performance in 4-nitrophenol reduction. *Dalton Transactions*, **2014**, 43, 16911-8	4.3	53
69	LaF3:Ln mesoporous spheres: controllable synthesis, tunable luminescence and application for dual-modal chemo-/photo-thermal therapy. *Nanoscale*, **2014**, 6, 14799-809	7.7	20
68	Three-dimensional hierarchical MoS2 nanoflake array/carbon cloth as high-performance flexible lithium-ion battery anodes. *Journal of Materials Chemistry A*, **2014**, 2, 4551-4557	13	158
67	In situ assembly of well-dispersed Ni nanoparticles on silica nanotubes and excellent catalytic activity in 4-nitrophenol reduction. *Nanoscale*, **2014**, 6, 11181-8	7.7	84
66	One pot, two phases: individual orthorhombic and face-centered cubic ZnSnO3 obtained synchronously in one solution. *Inorganic Chemistry*, **2014**, 53, 12289-96	5.1	22
65	Self-produced bubble-template synthesis of La2O3:Yb/Er@Au hollow spheres with markedly enhanced luminescence and release properties. *CrystEngComm*, **2014**, 16, 9612-9621	3.3	12
64	Hollow structured and flower-like C@MnCo2O4 composite for high electrochemical performance in a supercapacitor. *CrystEngComm*, **2014**, 16, 9873-9881	3.3	79
63	Nitrogen-enriched, double-shelled carbon/layered double hydroxide hollow microspheres for excellent electrochemical performance. *Nanoscale*, **2014**, 6, 10887-95	7.7	65
62	Ball-milling preparation of one-dimensional Co carbon nanotube and Co carbon nanofiber core/shell nanocomposites with high electrochemical hydrogen storage ability. *Journal of Power Sources*, **2014**, 255, 318-324	8.9	33
61	Efficient gene delivery and multimodal imaging by lanthanide-based upconversion nanoparticles. *Langmuir*, **2014**, 30, 13042-51	4	42
60	Single-nanocrystal sensitivity achieved by enhanced upconversion luminescence. *Nature Nanotechnology*, **2013**, 8, 729-34	28.7	483
59	Multifunctional Up-Converting Nanocomposites with Smart Polymer Brushes Gated Mesopores for Cell Imaging and Thermo/pH Dual-Responsive Drug Controlled Release. *Advanced Functional Materials*, **2013**, 23, 4067-4078	15.6	183
58	In vivo multimodality imaging and cancer therapy by near-infrared light-triggered trans-platinum pro-drug-conjugated upconverison nanoparticles. *Journal of the American Chemical Society*, **2013**, 135, 18920-9	16.4	466

57	Drug Delivery: Multifunctional Up-Converting Nanocomposites with Smart Polymer Brushes Gated Mesopores for Cell Imaging and Thermo/pH Dual-Responsive Drug Controlled Release (Adv. Funct. Mater. 33/2013). *Advanced Functional Materials*, **2013**, 23, 4062-4062	15.6	7
56	Controlled synthesis and luminescent properties of uniform SrMoO4 hollow microstructures and application as drug carrier. *RSC Advances*, **2013**, 3, 5945	3.7	8
55	Fabrication and electrochemical performance of 3D hierarchical β-Ni(OH)2 hollow microspheres wrapped in reduced graphene oxide. *Journal of Materials Chemistry A*, **2013**, 1, 9083	13	78
54	Upconversion luminescence with tunable lifetime in NaYF4:Yb,Er nanocrystals: role of nanocrystal size. *Nanoscale*, **2013**, 5, 944-52	7.7	278
53	Mechanical ball-milling preparation of mass sandwich-like cobalt–graphene nanocomposites with high electrochemical hydrogen storage ability. *Journal of Materials Chemistry A*, **2013**, 1, 6731	13	34
52	Controlled synthesis of luminescent F-substituted strontium hydroxyapatite with hierarchical structures for drug delivery. *CrystEngComm*, **2012**, 14, 1744	3.3	37
51	Hierarchical bundles structure of β-NaLuF4: facile synthesis, shape evolution, and luminescent properties. *RSC Advances*, **2012**, 2, 10337	3.7	16
50	Monodisperse bifunctional Fe3O4@NaGdF4:Yb/Er@NaGdF4:Yb/Er core–shell nanoparticles. *RSC Advances*, **2012**, 2, 3194	3.7	45
49	Luminescence functionalization of MCM-48 by YVO4:Eu3+ for controlled drug delivery. *RSC Advances*, **2012**, 2, 3281	3.7	17
48	Morphology-controllable synthesis and enhanced luminescence properties of β-NaLuF4:Ln (Ln = Eu, Tb and Ce/Tb) microcrystals by solvothermal process. *RSC Advances*, **2012**, 2, 7569	3.7	24
47	Tunable multicolor and bright white emission of one-dimensional NaLuF4:Yb3+,Ln3+ (Ln = Er, Tm, Ho, Er/Tm, Tm/Ho) microstructures. *Journal of Materials Chemistry*, **2012**, 22, 10889		151
46	Monodisperse lanthanide fluoride nanocrystals: synthesis and luminescent properties. *Inorganic Chemistry*, **2012**, 51, 3963-71	5.1	65
45	Facile synthesis and up-conversion properties of monodisperse rare earth fluoride nanocrystals. *Dalton Transactions*, **2012**, 41, 11716-24	4.3	43
44	Controllable synthesis, morphology evolution and luminescence properties of NaLa(WO4)2 microcrystals. *CrystEngComm*, **2012**, 14, 2235	3.3	51
43	Rapid, morphologically controllable, large-scale synthesis of uniform Y(OH)3 and tunable luminescent properties of Y2O3:Yb3+/Ln3+ (Ln = Er, Tm and Ho). *Journal of Materials Chemistry*, **2012**, 22, 16136		60
42	Rapid microwave reflux process for the synthesis of pure hexagonal NaYF4:Yb3+,Ln3+,Bi3+ (Ln3+ = Er3+, Tm3+, Ho3+) and its enhanced UC luminescence. *Journal of Materials Chemistry*, **2012**, 22, 21613		88
41	La(OH)3:Ln3+ and La2O3:Ln3+ (Ln = Yb/Er, Yb/Tm, Yb/Ho) Microrods: Synthesis and Up-conversion Luminescence Properties. *Crystal Growth and Design*, **2012**, 12, 306-312	3.5	54
40	Facile patterning of luminescent GdVO4:Ln (Ln = Eu3+, Dy3+, Sm3+) thin films by microcontact printing process. *Journal of Nanoparticle Research*, **2012**, 14, 1	2.3	2

39	Functionalized mesoporous silica materials for controlled drug delivery. *Chemical Society Reviews*, **2012**, 41, 3679-98	58.5	1142
38	Fine structural and morphological control of rare earth fluorides REF3 (RE = La□u, Y) nano/microcrystals: microwave-assisted ionic liquid synthesis, magnetic and luminescent properties. *CrystEngComm*, **2011**, 13, 1003-1013	3.3	103
37	Monodisperse Gd2O3:Ln (Ln = Eu3+, Tb3+, Dy3+, Sm3+, Yb3+/Er3+, Yb3+/Tm3+, and Yb3+/Ho3+) nanocrystals with tunable size and multicolor luminescent properties. *CrystEngComm*, **2011**, 13, 5480	3.3	88
36	Uniform hollow Lu2O3:Ln (Ln = Eu3+, Tb3+) spheres: facile synthesis and luminescent properties. *Inorganic Chemistry*, **2011**, 50, 2182-90	5.1	66
35	Monodisperse CeF3, CeF3:Tb3+, and CeF3:Tb3+@LaF3 core/shell nanocrystals: synthesis and luminescent properties. *Journal of Materials Chemistry*, **2011**, 21, 14610		43
34	Fibrous-structured magnetic and mesoporous Fe3O4/silica microspheres: synthesis and intracellular doxorubicin delivery. *Journal of Materials Chemistry*, **2011**, 21, 16420		83
33	Graphene Nanosheet/Ni2+/Al3+ Layered Double-Hydroxide Composite as a Novel Electrode for a Supercapacitor. *Chemistry of Materials*, **2011**, 23, 3509-3516	9.6	470
32	Study of structural transformations and phases formation upon calcination of Zn□Ni□Al hydrotalcite nanosheets. *Bulletin of Materials Science*, **2011**, 34, 183-189	1.7	8
31	Patterning of YVO4:Eu3+ Luminescent Films by Soft Lithography. *Advanced Functional Materials*, **2011**, 21, 456-463	15.6	77
30	Electrospinning Preparation and Drug-Delivery Properties of an Up-conversion Luminescent Porous NaYF4:Yb3+, Er3+@Silica Fiber Nanocomposite. *Advanced Functional Materials*, **2011**, 21, 2356-2365	15.6	154
29	Fabrication and photoluminescence properties of hollow Gd2O3:Ln (Ln = Eu3+, Sm3+) spheres via a sacrificial template method. *CrystEngComm*, **2010**, 12, 3717	3.3	63
28	Synthesis of a Multifunctional Nanocomposite with Magnetic, Mesoporous, and Near-IR Absorption Properties. *Journal of Physical Chemistry C*, **2010**, 114, 16343-16350	3.8	63
27	Fabrication and luminescent properties of CaWO4:Ln3+ (Ln = Eu, Sm, Dy) nanocrystals. *Journal of Nanoparticle Research*, **2010**, 12, 2295-2305	2.3	38
26	Catalytic cracking of 1-butene to propene and ethene on HMCM-49 zeolite. *Reaction Kinetics, Mechanisms and Catalysis*, **2010**, 100, 399	1.6	2
25	Luminescent CaWO4:Tb3+-Loaded Mesoporous Silica Composites for the Immobilization and Release of Lysozyme. *European Journal of Inorganic Chemistry*, **2010**, 2010, 2655-2662	2.3	15
24	Synthesis of Magnetic, Up-Conversion Luminescent, and Mesoporous Core□Shell-Structured Nanocomposites as Drug Carriers. *Advanced Functional Materials*, **2010**, 20, 1166-1172	15.6	515
23	Pseudo-capacitance properties of porous metal oxide nanoplatelets derived from hydrotalcite-like compounds. *Journal of Applied Electrochemistry*, **2009**, 39, 1803-1808	2.6	6
22	Avidin conjugation to up-conversion phosphor NaYF4:Yb3+, Er3+ by the oxidation of the oligosaccharide chains. *Journal of Nanoparticle Research*, **2009**, 11, 821-829	2.3	13

21	A magnetic, luminescent and mesoporous core-shell structured composite material as drug carrier. *Biomaterials*, **2009**, 30, 4786-95	15.6	326
20	Luminescent and Mesoporous Europium-Doped Bioactive Glasses (MBG) as a Drug Carrier. *Journal of Physical Chemistry C*, **2009**, 113, 7826-7830	3.8	54
19	Uniform Ln(OH)3 and Ln2O3 (Ln = Eu, Sm) Submicrospindles: Facile Synthesis and Characterization. *Crystal Growth and Design*, **2009**, 9, 4127-4135	3.5	32
18	One-dimensional CaWO4 and CaWO4:Tb3+ nanowires and nanotubes: electrospinning preparation and luminescent properties. *Journal of Materials Chemistry*, **2009**, 19, 2737		122
17	Controlled Synthesis of Ln3+ (Ln = Tb, Eu, Dy) and V5+ Ion-Doped YPO4 Nano-/Microstructures with Tunable Luminescent Colors. *Chemistry of Materials*, **2009**, 21, 4598-4607	9.6	131
16	Shape-Controllable Synthesis and Upconversion Properties of Lutetium Fluoride (Doped with Yb3+/Er3+) Microcrystals by Hydrothermal Process. *Journal of Physical Chemistry C*, **2008**, 112, 13395-13404	3.8	107
15	Two-Dimensional β-NaLuF4 Hexagonal Microplates. *Crystal Growth and Design*, **2008**, 8, 923-929	3.5	73
14	LaF3, CeF3, CeF3:Tb3+, and CeF3:Tb3+@LaF3 (Core−Shell) Nanoplates: Hydrothermal Synthesis and Luminescence Properties. *Journal of Physical Chemistry C*, **2008**, 112, 2904-2910	3.8	120
13	Shape controllable synthesis and upconversion properties of NaYbF4/NaYbF4:Er3+ and YbF3/YbF3:Er3+ microstructures. *Journal of Materials Chemistry*, **2008**, 18, 1353		112
12	A Novel and Efficient Route to Se Nano/Microstructures with Controllable Phase and Shape. *Crystal Growth and Design*, **2008**, 8, 3834-3839	3.5	14
11	Synthesis, characterization and catalytic performance of a novel magnetic SO4 2−/Y2O3-Fe3O4-ZrO2 solid acid catalyst. *Reaction Kinetics and Catalysis Letters*, **2008**, 93, 85-92		3
10	Alkylation of phenol with isopropanol over MCM-49 zeolites. *Reaction Kinetics and Catalysis Letters*, **2008**, 93, 265-271		4
9	Mesoscale organization of CuO nanoslices: Formation of sphere. *Bulletin of Materials Science*, **2008**, 31, 193-195	1.7	6
8	Luminescence functionalization of mesoporous silica with different morphologies and applications as drug delivery systems. *Biomaterials*, **2008**, 29, 692-702	15.6	149
7	Bioactive, luminescent and mesoporous europium-doped hydroxyapatite as a drug carrier. *Biomaterials*, **2008**, 29, 4341-7	15.6	298
6	Effect of acidic and metallic sites on the catalytic performance of Pd/ZSM-5 catalysts in the one-step synthesis of mibk. *Reaction Kinetics and Catalysis Letters*, **2007**, 91, 391-398		5
5	Luminescence functionalization of SBA-15 by YVO4:Eu3+ as a novel drug delivery system. *Inorganic Chemistry*, **2007**, 46, 3203-11	5.1	95
4	A "Closed-Loop" Therapeutic Strategy Based on Mutually Reinforced Ferroptosis and Immunotherapy. *Advanced Functional Materials*,2111784	15.6	15

3	A Si-CdTe Composite Quantum Dots Probe with Dual-Wavelength Emission for Sensitively Monitoring Intracellular H 2 O 2. *Advanced Functional Materials*,2112083	15.6	4
2	Progress in Light-Responsive Lanthanide Nanoparticles toward Deep Tumor Theranostics. *Advanced Functional Materials*,2104325	15.6	11
1	Mn 2+ /Fe 3+ /Co 2+ and Tetrasulfide Bond Co-Incorporated Dendritic Mesoporous Organosilica as Multifunctional Nanocarriers: One-Step Synthesis and Applications for Cancer Therapy. *Advanced Healthcare Materials*,2200665	10.1	2