

Fuyou Li

List of Publications by Year in Descending Order

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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.

172
papers

20,476
citations

67
h-index

142
g-index

180
ext. papers

22,692
ext. citations

12.8
avg, IF

7.15
L-index

#	Paper	IF	Citations
172	Er-Based Luminescent Nanothermometer to Explore the Real-Time Temperature of Cells under External Stimuli.. <i>Small</i> , 2022 , 18, e2107963	11	2
171	Ultrabright and Highly Polarity-Sensitive NIR-I/NIR-II Fluorophores for the Tracking of Lipid Droplets and Staging of Fatty Liver Disease (Adv. Funct. Mater. 12/2022). <i>Advanced Functional Materials</i> , 2022 , 32, 2270075	15.6	
170	Influence on the Apparent Luminescent Lifetime of Rare-Earth Upconversion Nanoparticles by Quenching the Sensitizer's Excited State for Hypochlorous Acid Detection and Bioimaging.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	4
169	Lanthanide-containing persistent luminescence materials with superbright red afterglow and excellent solution processability. <i>Science China Chemistry</i> , 2021 , 64, 2125	7.9	4
168	Afterglow Implant for Arterial Embolization and Intraoperative Imaging. <i>Chemistry - A European Journal</i> , 2021 ,	4.8	1
167	Superlong afterglow reporter for the detection of porphyria in whole blood. <i>Journal of Luminescence</i> , 2021 , 243, 118612	3.8	0
166	Ultrabright NIR-II Emissive Polymer Dots for Metastatic Ovarian Cancer Detection. <i>Advanced Science</i> , 2021 , 8, 2000441	13.6	9
165	Luminescence interference-free lifetime nanothermometry pinpoints in vivo temperature. <i>Science China Chemistry</i> , 2021 , 64, 974-984	7.9	10
164	Light-Responsive Luminescent Materials for Information Encryption Against Burst Force Attack. <i>Small</i> , 2021 , 17, e2100377	11	6
163	Engineering single-molecule fluorescence with asymmetric nano-antennas. <i>Light: Science and Applications</i> , 2021 , 10, 79	16.7	7
162	Early Detection of SARS-CoV-2 Seroconversion in Humans with Aggregation-Induced Near-Infrared Emission Nanoparticle-Labeled Lateral Flow Immunoassay. <i>ACS Nano</i> , 2021 , 15, 8996-9004	16.7	30
161	Significantly Enhanced Afterglow Brightness via Intramolecular Energy Transfer 2021 , 3, 713-720		4
160	Afterglow Amplification for Fast and Sensitive Detection of Porphyria in Whole Blood. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 27991-27998	9.5	7
159	Customized Photothermal Therapy of Subcutaneous Orthotopic Cancer by Multichannel Luminescent Nanocomposites. <i>Advanced Materials</i> , 2021 , 33, e2008615	24	10
158	One-step polymerized lanthanide-based polystyrene microsphere for sensitive lateral flow immunoassay. <i>Journal of Rare Earths</i> , 2021 , 39, 11-18	3.7	7
157	Ultrafast visual nucleic acid detection with CRISPR/Cas12a and rapid PCR in single capillary. <i>Sensors and Actuators B: Chemical</i> , 2021 , 326, 128618	8.5	9
156	NIR-II emissive lateral flow immunoassay for accurate determination of tumor marker in hemolysis. <i>Sensors and Actuators B: Chemical</i> , 2021 , 328, 129050	8.5	7

155	Highly efficient BODIPY-doped upconversion nanoparticles for deep-red luminescence bioimaging. <i>Chemical Communications</i> , 2021 , 57, 1518-1521	5.8	9
154	Two-Photon Excitation-Based Imaging Postprocessing Algorithm Model for Background-Free Bioimaging. <i>Analytical Chemistry</i> , 2021 , 93, 2551-2559	7.8	1
153	Quantum Yield Measurements of Photochemical Reaction-Based Afterglow Luminescence Materials. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 9455-9462	6.4	0
152	NIR-II emitting rare-earth nanoparticles for a lateral flow immunoassay in hemolysis. <i>Sensors and Actuators B: Chemical</i> , 2021 , 345, 130380	8.5	1
151	Geminate labels programmed by two-tone microdroplets combining structural and fluorescent color. <i>Nature Communications</i> , 2021 , 12, 699	17.4	41
150	Gonadotropin-Releasing Hormone Receptor-Targeted Near-Infrared Fluorescence Probe for Specific Recognition and Localization of Peritoneal Metastases of Ovarian Cancer. <i>Frontiers in Oncology</i> , 2020 , 10, 266	5.3	4
149	Ln-doped nanoparticles with enhanced NIR-II luminescence for lighting up blood vessels in mice. <i>Nanoscale</i> , 2020 , 12, 8248-8254	7.7	19
148	Biodegradable Inorganic Upconversion Nanocrystals for Applications. <i>ACS Nano</i> , 2020 ,	16.7	24
147	Engineering of monodisperse core-shell up-conversion dendritic mesoporous silica nanocomposites with a tunable pore size. <i>Nanoscale</i> , 2020 , 12, 5075-5083	7.7	13
146	Theranostic nanoparticles enabling the release of phosphorylated gemcitabine for advanced pancreatic cancer therapy. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 2410-2417	7.3	4
145	Quantitative Mapping of Liver Hypoxia in Living Mice Using Time-Resolved Wide-Field Phosphorescence Lifetime Imaging. <i>Advanced Science</i> , 2020 , 7, 1902929	13.6	9
144	Reversible Ratiometric Probe Combined with the Time-Gated Method for Accurate Gastrointestinal pH Sensing. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 25557-25564	9.5	2
143	Yb-Based Nanoparticles with the Same Excitation and Emission Wavelength for Sensitive in Vivo Biodetection. <i>Analytical Chemistry</i> , 2020 , 92, 2027-2033	7.8	6
142	Near-Infrared Lanthanide-Doped Nanoparticles for a Low Interference Lateral Flow Immunoassay Test. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 4358-4365	9.5	25
141	Ratiometric upconversion nanothermometry with dual emission at the same wavelength decoded via a time-resolved technique. <i>Nature Communications</i> , 2020 , 11, 4	17.4	93
140	Metabolic Labeling of Peptidoglycan with NIR-II Dye Enables In Vivo Imaging of Gut Microbiota. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 2628-2633	16.4	35
139	Metabolic Labeling of Peptidoglycan with NIR-II Dye Enables In Vivo Imaging of Gut Microbiota. <i>Angewandte Chemie</i> , 2020 , 132, 2650-2655	3.6	4
138	Measurement of Temperature Distribution at the Nanoscale with Luminescent Probes Based on Lanthanide Nanoparticles and Quantum Dots. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 52393-52401	9.5	7

137	Lifetime-based nanothermometry with ultra-long-lived luminescence. <i>Chemical Communications</i> , 2020 , 56, 10694-10697	5.8	13
136	Steric hindrance boosted upconversion for low-power imaging in vivo. <i>Journal of Luminescence</i> , 2020 , 218, 116837	3.8	4
135	Sensitive multiplex detection of MicroRNAs based on liquid suspension nano-chip. <i>Analytica Chimica Acta</i> , 2020 , 1112, 24-33	6.6	4
134	Luminescence Lifetime-Based In Vivo Detection with Responsive Rare Earth-Dye Nanocomposite. <i>Small</i> , 2019 , 15, e1904487	11	18
133	Development of Polyene-Bridged Hybrid Rhodamine Fluorophores for High-Resolution NIR-II Imaging 2019 , 1, 418-424		32
132	Near-Infrared Upconversion Luminescence and Bioimaging In Vivo Based on Quantum Dots. <i>Advanced Science</i> , 2019 , 6, 1801834	13.6	31
131	Dye-sensitized upconversion nanocomposites for ratiometric semi-quantitative detection of hypochlorite in vivo. <i>Nanoscale</i> , 2019 , 11, 2959-2965	7.7	31
130	Lanthanide-Doped Nanoparticles with Upconversion and Downshifting Near-Infrared Luminescence for Bioimaging. <i>Inorganic Chemistry</i> , 2019 , 58, 9351-9357	5.1	23
129	High-sensitivity imaging of time-domain near-infrared light transducer. <i>Nature Photonics</i> , 2019 , 13, 525-531	33.9	85
128	Dual Near-Infrared-Emissive Luminescent Nanoprobes for Ratiometric Luminescent Monitoring of CLO in Living Organisms. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 15298-15305	9.5	37
127	Monitoring energy distribution of nonradiative energy transfer and reabsorption process in an upconversion nanoparticle detection system. <i>Journal of Luminescence</i> , 2019 , 210, 175-181	3.8	4
126	Fluorescence lifetime imaging of upper gastrointestinal pH with a lanthanide based near-infrared probe. <i>Chemical Science</i> , 2019 , 10, 4227-4235	9.4	41
125	Point-of-care Ratiometric Fluorescence Imaging of Tissue for the Diagnosis of Ovarian Cancer. <i>Theranostics</i> , 2019 , 9, 4597-4607	12.1	16
124	A near infrared fluorescent probe for one-step detection of histone deacetylase activity based on an intramolecular FRET. <i>Sensors and Actuators B: Chemical</i> , 2019 , 297, 126791	8.5	9
123	Thuricin Z: A Narrow-Spectrum Sactibiotic that Targets the Cell Membrane. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 18793-18797	16.4	17
122	Tuning the Upconversion Efficiency and Spectrum of Upconversion Nanoparticles through Surface Decorating of an Organic Dye. <i>Inorganic Chemistry</i> , 2019 , 58, 14490-14497	5.1	11
121	Time-Gated Ratiometric Detection with the Same Working Wavelength To Minimize the Interferences from Photon Attenuation for Accurate Detection. <i>ACS Central Science</i> , 2019 , 5, 299-307	16.8	16
120	Dye-Assembled Upconversion Nanocomposite for Luminescence Ratiometric in Vivo Bioimaging of Copper Ions. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 430-436	9.5	31

119	3D Long-Range Triplet Migration in a Water-Stable Metal-Organic Framework for Upconversion-Based Ultralow-Power in Vivo Imaging. <i>Journal of the American Chemical Society</i> , 2018 , 140, 5493-5499	16.4	101
118	Highly Photostable Near-IR-Excitation Upconversion Nanocapsules Based on Triplet-Triplet Annihilation for in Vivo Bioimaging Application. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 9883-9888	8.5	47
117	Synthesis of NaYF ₄ :Nd@NaLuF ₄ @SiO ₂ @PS colloids for fluorescence imaging in the second biological window. <i>Journal of Rare Earths</i> , 2018 , 36, 113-118	3.7	23
116	Ratiometric nanothermometer in vivo based on triplet-sensitized upconversion. <i>Nature Communications</i> , 2018 , 9, 2698	17.4	126
115	Upconversion nanocomposite for programming combination cancer therapy by precise control of microscopic temperature. <i>Nature Communications</i> , 2018 , 9, 2176	17.4	145
114	An efficient dye-sensitized NIR emissive lanthanide nanomaterial and its application in fluorescence-guided peritumoral lymph node dissection. <i>Nanoscale</i> , 2018 , 10, 12573-12581	7.7	20
113	Upconversion nanoprobe for biodetections. <i>Coordination Chemistry Reviews</i> , 2018 , 354, 155-168	23.2	82
112	Independent of EPR Effect: A Smart Delivery Nanosystem for Tracking and Treatment of Nonvascularized Intra-Abdominal Metastases. <i>Advanced Functional Materials</i> , 2018 , 28, 1806162	15.6	21
111	Easy-to-Use Colorimetric Cyanine Probe for the Detection of Cu in Wilson's Disease. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 20377-20386	9.5	31
110	Versatile Spectral and Lifetime Multiplexing Nanoplatfrom with Excitation Orthogonalized Upconversion Luminescence. <i>ACS Nano</i> , 2017 , 11, 3289-3297	16.7	177
109	A facile strategy for the synthesis of a NaREF ₄ -gold nanocomposite as a dual-modal bioimaging agent. <i>RSC Advances</i> , 2017 , 7, 21625-21629	3.7	3
108	An interpenetrating network-strengthened and toughened hydrogel that supports cell-based nucleus pulposus regeneration. <i>Biomaterials</i> , 2017 , 136, 12-28	15.6	63
107	Energy Transfer Highway in Nd-Sensitized Nanoparticles for Efficient near-Infrared Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 18540-18548	9.5	49
106	Fast-Clearable Nanocarriers Conducting Chemo/Photothermal Combination Therapy to Inhibit Recurrence of Malignant Tumors. <i>Small</i> , 2017 , 13, 1700963	11	46
105	Revisiting the optimized doping ratio in core/shell nanostructured upconversion particles. <i>Nanoscale</i> , 2017 , 9, 1964-1971	7.7	62
104	Anti-Stokes shift luminescent materials for bio-applications. <i>Chemical Society Reviews</i> , 2017 , 46, 1025-1039	39.5	275
103	Resonance Energy Transfer in Upconversion Nanoplatfroms for Selective Biodetection. <i>Accounts of Chemical Research</i> , 2017 , 50, 32-40	24.3	158
102	Hybrid Nanoclusters for Near-Infrared to Near-Infrared Upconverted Persistent Luminescence Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 32583-32590	9.5	42

101	Mussel-Inspired Polydopamine-Coated Lanthanide Nanoparticles for NIR-II/CT Dual Imaging and Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 26674-26683	9.5	77
100	In vivo biodistribution and passive accumulation of upconversion nanoparticles in colorectal cancer models via intraperitoneal injection. <i>RSC Advances</i> , 2017 , 7, 31588-31596	3.7	10
99	Amphiphilic PEGylated Lanthanide-Doped Upconversion Nanoparticles for Significantly Passive Accumulation in the Peritoneal Metastatic Carcinomatosis Models Following Intraperitoneal Administration. <i>ACS Biomaterials Science and Engineering</i> , 2017 , 3, 2176-2184	5.5	6
98	In vivo biodistribution and toxicity assessment of triplet-triplet annihilation-based upconversion nanocapsules. <i>Biomaterials</i> , 2017 , 112, 10-19	15.6	37
97	A water-dispersible dye-sensitized upconversion nanocomposite modified with phosphatidylcholine for lymphatic imaging. <i>Chemical Communications</i> , 2016 , 52, 13389-13392	5.8	49
96	Intraperitoneal Administration of Biointerface-Camouflaged Upconversion Nanoparticles for Contrast Enhanced Imaging of Pancreatic Cancer. <i>Advanced Functional Materials</i> , 2016 , 26, 8631-8642	15.6	18
95	Silica-Polymer Hybrid with Self-Assembled PEG Corona Excreted Rapidly via a Hepatobiliary Route. <i>Advanced Functional Materials</i> , 2016 , 26, 3036-3047	15.6	39
94	Highly Enhanced Cooperative Upconversion Luminescence through Energy Transfer Optimization and Quenching Protection. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 17894-901	9.5	37
93	Temperature-feedback upconversion nanocomposite for accurate photothermal therapy at facile temperature. <i>Nature Communications</i> , 2016 , 7, 10437	17.4	565
92	pH-activated size reduction of large compound nanoparticles for in vivo nucleus-targeted drug delivery. <i>Biomaterials</i> , 2016 , 85, 30-9	15.6	58
91	Nd-doped LiYF nanocrystals for bio-imaging in the second near-infrared window. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 87-95	7.3	69
90	Optimization of Prussian Blue Coated NaDyF ₄ :x%Lu Nanocomposites for Multifunctional Imaging-Guided Photothermal Therapy. <i>Advanced Functional Materials</i> , 2016 , 26, 5120-5130	15.6	84
89	Core-Shell-Shell NaYbF ₄ :Tm@CaF ₂ @NaDyF ₄ Nanocomposites for Upconversion/T ₂ -Weighted MRI/Computed Tomography Lymphatic Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 19208-19	9.5	42
88	Upconversion Luminescent Chemodosimeter Based on NIR Organic Dye for Monitoring Methylmercury In Vivo. <i>Advanced Functional Materials</i> , 2016 , 26, 1945-1953	15.6	80
87	Near-Infrared Upconversion Chemodosimeter for In Vivo Detection of Cu(2+) in Wilson Disease. <i>Advanced Materials</i> , 2016 , 28, 6625-30	24	89
86	Near-infrared in vivo bioimaging using a molecular upconversion probe. <i>Chemical Communications</i> , 2016 , 52, 7466-9	5.8	35
85	High-Contrast Visualization of Upconversion Luminescence in Mice Using Time-Gating Approach. <i>Analytical Chemistry</i> , 2016 , 88, 3449-54	7.8	68
84	Nd-Sensitized Upconversion Nanostructure as a Dual-Channel Emitting Optical Probe for Near Infrared-to-Near Infrared Fingerprint Imaging. <i>Inorganic Chemistry</i> , 2016 , 55, 10278-10283	5.1	62

83	Timeoxygen & light indicating via photooxidation mediated up-conversion. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 9986-9992	7.1	8
82	Fluorescent/phosphorescent dual-emissive conjugated polymer dots for hypoxia bioimaging. <i>Chemical Science</i> , 2015 , 6, 1825-1831	9.4	180
81	Ultrasensitive near-infrared fluorescence-enhanced probe for in vivo nitroreductase imaging. <i>Journal of the American Chemical Society</i> , 2015 , 137, 6407-16	16.4	322
80	Synthesis of Calcium Phosphate Nanoparticle-Based Docetaxel Delivery System and its In Vitro Anticancer Activity. <i>International Journal of Applied Ceramic Technology</i> , 2015 , 12, 300-305	2	1
79	Upconversion luminescent materials: advances and applications. <i>Chemical Reviews</i> , 2015 , 115, 395-465	68.1	1422
78	The biosafety of lanthanide upconversion nanomaterials. <i>Chemical Society Reviews</i> , 2015 , 44, 1509-25	58.5	221
77	Mitochondria-Targeted Near-Infrared Fluorescent Off-On Probe for Selective Detection of Cysteine in Living Cells and in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 27968-75	9.5	157
76	Ratiometric Monitoring of Intracellular Drug Release by an Upconversion Drug Delivery Nanosystem. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 12278-86	9.5	45
75	An Nd ³⁺ -sensitized upconversion nanophosphor modified with a cyanine dye for the ratiometric upconversion luminescence bioimaging of hypochlorite. <i>Nanoscale</i> , 2015 , 7, 4105-13	7.7	71
74	Near-Infrared-Emitting Iridium(III) Complexes as Phosphorescent Dyes for Live Cell Imaging. <i>Organometallics</i> , 2014 , 33, 61-68	3.8	82
73	Fluorescent conjugated polymers based on thiocarbonyl quinacridone for sensing mercury ion and bioimaging. <i>Polymer Chemistry</i> , 2014 , 5, 3396-3403	4.9	34
72	Photoswitchable upconversion nanophosphors for small animal imaging in vivo. <i>RSC Advances</i> , 2014 , 4, 15613	3.7	24
71	Yolk-shell upconversion nanocomposites for LRET sensing of cysteine/homocysteine. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 11190-7	9.5	78
70	Intra-arterial infusion of PEGylated upconversion nanophosphors to improve the initial uptake by tumors in vivo. <i>RSC Advances</i> , 2014 , 4, 23580	3.7	12
69	Cyclometallated ruthenium complex-modified upconversion nanophosphors for selective detection of Hg ²⁺ ions in water. <i>Nanoscale</i> , 2014 , 6, 1020-8	7.7	55
68	Scavenger receptor-recognized and enzyme-responsive nanoprobe for fluorescent labeling of lysosomes in live cells. <i>Biomaterials</i> , 2014 , 35, 7870-80	15.6	17
67	Chemodosimeter functionalized magnetic silica yolk-shell nanocomposite for sensing and removal of Hg ²⁺ . <i>RSC Advances</i> , 2014 , 4, 20252	3.7	7
66	A phosphorescent iridium(III) solvent complex for multiplex assays of cell death. <i>Biomaterials</i> , 2014 , 35, 8748-55	15.6	30

65	Long-term biodistribution in vivo and toxicity of radioactive/magnetic hydroxyapatite nanorods. <i>Biomaterials</i> , 2014 , 35, 3348-55	15.6	52
64	Lanthanide-based nanocrystals as dual-modal probes for SPECT and X-ray CT imaging. <i>Biomaterials</i> , 2014 , 35, 4699-705	15.6	36
63	Lanthanide-Based Upconversion Nanophosphors for Bioimaging 2014 , 299-319		
62	Near-Infrared Photoregulated Drug Release in Living Tumor Tissue via Yolk-Shell Upconversion Nanocages. <i>Advanced Functional Materials</i> , 2014 , 24, 363-371	15.6	238
61	Visible-light-excited and europium-emissive nanoparticles for highly-luminescent bioimaging in vivo. <i>Biomaterials</i> , 2014 , 35, 5830-9	15.6	51
60	Recent advances in the optimization and functionalization of upconversion nanomaterials for in vivo bioapplications. <i>NPG Asia Materials</i> , 2013 , 5, e75-e75	10.3	72
59	Upconversion-nanophosphor-based functional nanocomposites. <i>Advanced Materials</i> , 2013 , 25, 5287-30324		182
58	Core-shell lanthanide upconversion nanophosphors as four-modal probes for tumor angiogenesis imaging. <i>ACS Nano</i> , 2013 , 7, 11290-300	16.7	224
57	Upconversion luminescence imaging of cells and small animals. <i>Nature Protocols</i> , 2013 , 8, 2033-44	18.8	222
56	Luminescent chemodosimeters for bioimaging. <i>Chemical Reviews</i> , 2013 , 113, 192-270	68.1	1865
55	A general strategy for biocompatible, high-effective upconversion nanocapsules based on triplet-triplet annihilation. <i>Journal of the American Chemical Society</i> , 2013 , 135, 5029-37	16.4	240
54	A cyanine-modified nanosystem for in vivo upconversion luminescence bioimaging of methylmercury. <i>Journal of the American Chemical Society</i> , 2013 , 135, 9869-76	16.4	253
53	Biodistribution of sub-10 nm PEG-modified radioactive/upconversion nanoparticles. <i>Biomaterials</i> , 2013 , 34, 7127-34	15.6	84
52	Hydrothermal synthesis of NaLuF ₄ :153Sm,Yb,Tm nanoparticles and their application in dual-modality upconversion luminescence and SPECT bioimaging. <i>Biomaterials</i> , 2013 , 34, 774-83	15.6	138
51	Cationic Polyfluorenes with Phosphorescent Iridium(III) Complexes for Time-Resolved Luminescent Biosensing and Fluorescence Lifetime Imaging. <i>Advanced Functional Materials</i> , 2013 , 23, 3268-3276	15.6	159
50	Polyphosphoric acid capping radioactive/upconverting NaLuF ₄ :Yb,Tm,153Sm nanoparticles for blood pool imaging in vivo. <i>Biomaterials</i> , 2013 , 34, 9535-44	15.6	84
49	Biosensing and Bioimaging: Cationic Polyfluorenes with Phosphorescent Iridium(III) Complexes for Time-Resolved Luminescent Biosensing and Fluorescence Lifetime Imaging (Adv. Funct. Mater. 26/2013). <i>Advanced Functional Materials</i> , 2013 , 23, 3250-3250	15.6	1
48	Core-shell Fe ₃ O ₄ @NaLuF ₄ :Yb,Er/Tm nanostructure for MRI, CT and upconversion luminescence tri-modality imaging. <i>Biomaterials</i> , 2012 , 33, 4618-27	15.6	247

47	Gd ³⁺ complex-modified NaLuF ₄ -based upconversion nanophosphors for trimodality imaging of NIR-to-NIR upconversion luminescence, X-Ray computed tomography and magnetic resonance. <i>Biomaterials</i> , 2012 , 33, 5394-405	15.6	232
46	Water-stable NaLuF ₄ -based upconversion nanophosphors with long-term validity for multimodal lymphatic imaging. <i>Biomaterials</i> , 2012 , 33, 6201-10	15.6	136
45	Blue-emissive upconversion nanoparticles for low-power-excited bioimaging in vivo. <i>Journal of the American Chemical Society</i> , 2012 , 134, 5390-7	16.4	346
44	Upconversion nanophosphors for small-animal imaging. <i>Chemical Society Reviews</i> , 2012 , 41, 1323-49	58.5	1352
43	Highly selective phosphorescent nanoprobe for sensing and bioimaging of homocysteine and cysteine. <i>Journal of Materials Chemistry</i> , 2012 , 22, 7894		78
42	Upconversion nanoparticles dramatically promote plant growth without toxicity. <i>Nano Research</i> , 2012 , 5, 770-782	10	57
41	Iridium-Complex-Modified Upconversion Nanophosphors for Effective LRET Detection of Cyanide Anions in Pure Water. <i>Advanced Functional Materials</i> , 2012 , 22, 2667-2672	15.6	152
40	Fluorophore-photochrome co-embedded polymer nanoparticles for photoswitchable fluorescence bioimaging. <i>Nano Research</i> , 2012 , 5, 494-503	10	25
39	NIR-Light-Driven Soft Actuation Materials Based on Crosslinked Liquid-Crystalline Polymers. <i>Molecular Crystals and Liquid Crystals</i> , 2012 , 563, 101-111	0.5	2
38	¹⁸ F-Labeled magnetic-upconversion nanophosphors via rare-Earth cation-assisted ligand assembly. <i>ACS Nano</i> , 2011 , 5, 3146-57	16.7	270
37	Iridium(III) complex-coated nanosystem for ratiometric upconversion luminescence bioimaging of cyanide anions. <i>Journal of the American Chemical Society</i> , 2011 , 133, 15276-9	16.4	352
36	Phosphorescent heavy-metal complexes for bioimaging. <i>Chemical Society Reviews</i> , 2011 , 40, 2508-24	58.5	996
35	A nonemissive iridium(III) complex that specifically lights-up the nuclei of living cells. <i>Journal of the American Chemical Society</i> , 2011 , 133, 11231-9	16.4	316
34	Sub-10 nm hexagonal lanthanide-doped NaLuF ₄ upconversion nanocrystals for sensitive bioimaging in vivo. <i>Journal of the American Chemical Society</i> , 2011 , 133, 17122-5	16.4	708
33	High-efficiency upconversion luminescent sensing and bioimaging of Hg(II) by chromophoric ruthenium complex-assembled nanophosphors. <i>ACS Nano</i> , 2011 , 5, 8040-8	16.7	223
32	Multifunctional rare-earth self-assembled nanosystem for tri-modal upconversion luminescence /fluorescence /positron emission tomography imaging. <i>Biomaterials</i> , 2011 , 32, 8243-53	15.6	136
31	High-quality water-soluble and surface-functionalized upconversion nanocrystals as luminescent probes for bioimaging. <i>Biomaterials</i> , 2011 , 32, 2959-68	15.6	197
30	Water-soluble phosphorescent iridium(III) complexes as multicolor probes for imaging of homocysteine and cysteine in living cells. <i>Journal of Materials Chemistry</i> , 2011 , 21, 18974		103

29	Fluorescence turn-on chemodosimeter-functionalized mesoporous silica nanoparticles and their application in cell imaging. <i>Journal of Materials Chemistry</i> , 2011 , 21, 7175		72
28	Polymer nanoparticles with an embedded phosphorescent osmium(II) complex for cell imaging. <i>Journal of Materials Chemistry</i> , 2011 , 21, 5360		25
27	One-pot self-assembly of multifunctional mesoporous nanoprobe with magnetic nanoparticles and hydrophobic upconversion nanocrystals. <i>Journal of Materials Chemistry</i> , 2011 , 21, 17615		33
26	Fluorine-18-labeled Gd ³⁺ /Yb ³⁺ /Er ³⁺ co-doped NaYF ₄ nanophosphors for multimodality PET/MR/UCL imaging. <i>Biomaterials</i> , 2011 , 32, 1148-56	15.6	366
25	Luminescent Rare Earth Complexes as Chemosensors and Bioimaging Probes 2010 , 529-570		6
24	Mesoporous silica encapsulating upconversion luminescence rare-earth fluoride nanorods for secondary excitation. <i>Langmuir</i> , 2010 , 26, 8850-6	4	99
23	"Drawing" upconversion nanophosphors into water through host-guest interaction. <i>Chemical Communications</i> , 2010 , 46, 5551-3	5.8	70
22	A versatile fabrication of upconversion nanophosphors with functional-surface tunable ligands. <i>Journal of Materials Chemistry</i> , 2010 , 20, 8078		57
21	A luminescent metal-organic framework with an open cubic cage and eight-coordinate cadmium nodes. <i>Science China Chemistry</i> , 2010 , 53, 2079-2082	7.9	2
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