

# Fuyou Li

## List of Publications by Citations

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172  
papers

20,476  
citations

67  
h-index

142  
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180  
ext. papers

22,692  
ext. citations

12.8  
avg, IF

7.15  
L-index

#	Paper	IF	Citations
172	Luminescent chemodosimeters for bioimaging. <i>Chemical Reviews</i> , <b>2013</b> , 113, 192-270	68.1	1865
171	Upconversion luminescent materials: advances and applications. <i>Chemical Reviews</i> , <b>2015</b> , 115, 395-465	68.1	1422
170	Upconversion nanophosphors for small-animal imaging. <i>Chemical Society Reviews</i> , <b>2012</b> , 41, 1323-49	58.5	1352
169	Phosphorescent heavy-metal complexes for bioimaging. <i>Chemical Society Reviews</i> , <b>2011</b> , 40, 2508-24	58.5	996
168	Versatile synthesis strategy for carboxylic acid-functionalized upconverting nanophosphors as biological labels. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 3023-9	16.4	737
167	Sub-10 nm hexagonal lanthanide-doped NaLuF <sub>4</sub> upconversion nanocrystals for sensitive bioimaging in vivo. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 17122-5	16.4	708
166	Temperature-feedback upconversion nanocomposite for accurate photothermal therapy at facile temperature. <i>Nature Communications</i> , <b>2016</b> , 7, 10437	17.4	565
165	A highly selective fluorescence turn-on sensor for cysteine/homocysteine and its application in bioimaging. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 10322-3	16.4	476
164	Long-term in vivo biodistribution imaging and toxicity of polyacrylic acid-coated upconversion nanophosphors. <i>Biomaterials</i> , <b>2010</b> , 31, 7078-85	15.6	464
163	Fluorine-18-labeled Gd <sup>3+</sup> /Yb <sup>3+</sup> /Er <sup>3+</sup> co-doped NaYF <sub>4</sub> nanophosphors for multimodality PET/MR/UCL imaging. <i>Biomaterials</i> , <b>2011</b> , 32, 1148-56	15.6	366
162	High contrast upconversion luminescence targeted imaging in vivo using peptide-labeled nanophosphors. <i>Analytical Chemistry</i> , <b>2009</b> , 81, 8687-94	7.8	354
161	Iridium(III) complex-coated nanosystem for ratiometric upconversion luminescence bioimaging of cyanide anions. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 15276-9	16.4	352
160	Blue-emissive upconversion nanoparticles for low-power-excited bioimaging in vivo. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 5390-7	16.4	346
159	Ultrasensitive near-infrared fluorescence-enhanced probe for in vivo nitroreductase imaging. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 6407-16	16.4	322
158	A nonemissive iridium(III) complex that specifically lights-up the nuclei of living cells. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 11231-9	16.4	316
157	Laser scanning up-conversion luminescence microscopy for imaging cells labeled with rare-earth nanophosphors. <i>Analytical Chemistry</i> , <b>2009</b> , 81, 930-5	7.8	312
156	Anti-Stokes shift luminescent materials for bio-applications. <i>Chemical Society Reviews</i> , <b>2017</b> , 46, 1025-1039	58.5	275

155	18F-Labeled magnetic-upconversion nanophosphors via rare-Earth cation-assisted ligand assembly. <i>ACS Nano</i> , <b>2011</b> , 5, 3146-57	16.7	270
154	A cyanine-modified nanosystem for in vivo upconversion luminescence bioimaging of methylmercury. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 9869-76	16.4	253
153	Core-shell Fe <sub>3</sub> O <sub>4</sub> @NaLuF <sub>4</sub> :Yb,Er/Tm nanostructure for MRI, CT and upconversion luminescence tri-modality imaging. <i>Biomaterials</i> , <b>2012</b> , 33, 4618-27	15.6	247
152	A general strategy for biocompatible, high-effective upconversion nanocapsules based on triplet-triplet annihilation. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 5029-37	16.4	240
151	Near-Infrared Photoregulated Drug Release in Living Tumor Tissue via Yolk-Shell Upconversion Nanocages. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 363-371	15.6	238
150	Gd <sup>3+</sup> complex-modified NaLuF <sub>4</sub> -based upconversion nanophosphors for trimodality imaging of NIR-to-NIR upconversion luminescence, X-Ray computed tomography and magnetic resonance. <i>Biomaterials</i> , <b>2012</b> , 33, 5394-405	15.6	232
149	Core-shell lanthanide upconversion nanophosphors as four-modal probes for tumor angiogenesis imaging. <i>ACS Nano</i> , <b>2013</b> , 7, 11290-300	16.7	224
148	High-efficiency upconversion luminescent sensing and bioimaging of Hg(II) by chromophoric ruthenium complex-assembled nanophosphors. <i>ACS Nano</i> , <b>2011</b> , 5, 8040-8	16.7	223
147	Upconversion luminescence imaging of cells and small animals. <i>Nature Protocols</i> , <b>2013</b> , 8, 2033-44	18.8	222
146	The biosafety of lanthanide upconversion nanomaterials. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 1509-25	58.5	221
145	Multimodal-luminescence core-shell nanocomposites for targeted imaging of tumor cells. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 3577-84	4.8	206
144	High-quality water-soluble and surface-functionalized upconversion nanocrystals as luminescent probes for bioimaging. <i>Biomaterials</i> , <b>2011</b> , 32, 2959-68	15.6	197
143	Upconversion-nanophosphor-based functional nanocomposites. <i>Advanced Materials</i> , <b>2013</b> , 25, 5287-303	24	182
142	A Highly Selective and Multisignaling Optical/Electrochemical Sensor for Hg <sup>2+</sup> Based on a Phosphorescent Iridium(III) Complex. <i>Organometallics</i> , <b>2007</b> , 26, 2077-2081	3.8	181
141	Fluorescent/phosphorescent dual-emissive conjugated polymer dots for hypoxia bioimaging. <i>Chemical Science</i> , <b>2015</b> , 6, 1825-1831	9.4	180
140	Facile Epoxidation Strategy for Producing Amphiphilic Up-Converting Rare-Earth Nanophosphors as Biological Labels. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 7003-7009	9.6	179
139	Versatile Spectral and Lifetime Multiplexing Nanoplatform with Excitation Orthogonalized Upconversion Luminescence. <i>ACS Nano</i> , <b>2017</b> , 11, 3289-3297	16.7	177
138	Cationic Polyfluorenes with Phosphorescent Iridium(III) Complexes for Time-Resolved Luminescent Biosensing and Fluorescence Lifetime Imaging. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 3268-3276	15.6	159

137	Resonance Energy Transfer in Upconversion Nanoplatfoms for Selective Biodetection. <i>Accounts of Chemical Research</i> , <b>2017</b> , 50, 32-40	24.3	158
136	Mitochondria-Targeted Near-Infrared Fluorescent Off-On Probe for Selective Detection of Cysteine in Living Cells and in Vivo. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 27968-75	9.5	157
135	Iridium-Complex-Modified Upconversion Nanophosphors for Effective LRET Detection of Cyanide Anions in Pure Water. <i>Advanced Functional Materials</i> , <b>2012</b> , 22, 2667-2672	15.6	152
134	Upconversion nanocomposite for programming combination cancer therapy by precise control of microscopic temperature. <i>Nature Communications</i> , <b>2018</b> , 9, 2176	17.4	145
133	Hydrothermal synthesis of NaLuF <sub>4</sub> :153Sm,Yb,Tm nanoparticles and their application in dual-modality upconversion luminescence and SPECT bioimaging. <i>Biomaterials</i> , <b>2013</b> , 34, 774-83	15.6	138
132	Water-stable NaLuF <sub>4</sub> -based upconversion nanophosphors with long-term validity for multimodal lymphatic imaging. <i>Biomaterials</i> , <b>2012</b> , 33, 6201-10	15.6	136
131	Multifunctional rare-earth self-assembled nanosystem for tri-modal upconversion luminescence /fluorescence /positron emission tomography imaging. <i>Biomaterials</i> , <b>2011</b> , 32, 8243-53	15.6	136
130	Ratiometric nanothermometer in vivo based on triplet-sensitized upconversion. <i>Nature Communications</i> , <b>2018</b> , 9, 2698	17.4	126
129	Water-soluble NaYF <sub>4</sub> :Yb/Er upconversion nanophosphors: Synthesis, characteristics and application in bioimaging. <i>Inorganic Chemistry Communication</i> , <b>2010</b> , 13, 392-394	3.1	110
128	Water-soluble phosphorescent iridium(III) complexes as multicolor probes for imaging of homocysteine and cysteine in living cells. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 18974		103
127	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> , <b>2018</b> , 140, 5493-5499	16.4	101
126	Mesoporous silica encapsulating upconversion luminescence rare-earth fluoride nanorods for secondary excitation. <i>Langmuir</i> , <b>2010</b> , 26, 8850-6	4	99
125	Ratiometric upconversion nanothermometry with dual emission at the same wavelength decoded via a time-resolved technique. <i>Nature Communications</i> , <b>2020</b> , 11, 4	17.4	93
124	Near-Infrared Upconversion Chemodosimeter for In Vivo Detection of Cu(2+) in Wilson Disease. <i>Advanced Materials</i> , <b>2016</b> , 28, 6625-30	24	89
123	High-sensitivity imaging of time-domain near-infrared light transducer. <i>Nature Photonics</i> , <b>2019</b> , 13, 525-531	3.9	85
122	Biodistribution of sub-10 nm PEG-modified radioactive/upconversion nanoparticles. <i>Biomaterials</i> , <b>2013</b> , 34, 7127-34	15.6	84
121	Polyphosphoric acid capping radioactive/upconverting NaLuF <sub>4</sub> :Yb,Tm,153Sm nanoparticles for blood pool imaging in vivo. <i>Biomaterials</i> , <b>2013</b> , 34, 9535-44	15.6	84
120	Optimization of Prussian Blue Coated NaDyF <sub>4</sub> :x%Lu Nanocomposites for Multifunctional Imaging-Guided Photothermal Therapy. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 5120-5130	15.6	84

119	Near-Infrared-Emitting Iridium(III) Complexes as Phosphorescent Dyes for Live Cell Imaging. <i>Organometallics</i> , <b>2014</b> , 33, 61-68	3.8	82
118	Upconversion nanoprobe for biodetections. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 354, 155-168	23.2	82
117	Upconversion Luminescent Chemodosimeter Based on NIR Organic Dye for Monitoring Methylmercury In Vivo. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 1945-1953	15.6	80
116	Yolk-shell upconversion nanocomposites for LRET sensing of cysteine/homocysteine. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 11190-7	9.5	78
115	Highly selective phosphorescent nanoprobe for sensing and bioimaging of homocysteine and cysteine. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 7894		78
114	Mussel-Inspired Polydopamine-Coated Lanthanide Nanoparticles for NIR-II/CT Dual Imaging and Photothermal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 26674-26683	9.5	77
113	Hydrogen bonding assisted switchable fluorescence in self-assembled complexes containing diarylethene: controllable fluorescent emission in the solid state. <i>Journal of Materials Chemistry</i> , <b>2007</b> , 17, 2483		74
112	Recent advances in the optimization and functionalization of upconversion nanomaterials for in vivo bioapplications. <i>NPG Asia Materials</i> , <b>2013</b> , 5, e75-e75	10.3	72
111	Fluorescence turn-on chemodosimeter-functionalized mesoporous silica nanoparticles and their application in cell imaging. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 7175		72
110	Tunable red/green/blue fluorescent organogels on the basis of intermolecular energy transfer. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 886		72
109	An Nd <sup>3+</sup> -sensitized upconversion nanophosphor modified with a cyanine dye for the ratiometric upconversion luminescence bioimaging of hypochlorite. <i>Nanoscale</i> , <b>2015</b> , 7, 4105-13	7.7	71
108	"Drawing" upconversion nanophosphors into water through host-guest interaction. <i>Chemical Communications</i> , <b>2010</b> , 46, 5551-3	5.8	70
107	Nd-doped LiYF nanocrystals for bio-imaging in the second near-infrared window. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 87-95	7.3	69
106	High-Contrast Visualization of Upconversion Luminescence in Mice Using Time-Gating Approach. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 3449-54	7.8	68
105	An interpenetrating network-strengthened and toughened hydrogel that supports cell-based nucleus pulposus regeneration. <i>Biomaterials</i> , <b>2017</b> , 136, 12-28	15.6	63
104	Revisiting the optimized doping ratio in core/shell nanostructured upconversion particles. <i>Nanoscale</i> , <b>2017</b> , 9, 1964-1971	7.7	62
103	Nd-Sensitized Upconversion Nanostructure as a Dual-Channel Emitting Optical Probe for Near Infrared-to-Near Infrared Fingerprint Imaging. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 10278-10283	5.1	62
102	Thermostable succinonitrile-based gel electrolyte for efficient, long-life dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , <b>2007</b> , 17, 1602		60

101	pH-activated size reduction of large compound nanoparticles for in vivo nucleus-targeted drug delivery. <i>Biomaterials</i> , <b>2016</b> , 85, 30-9	15.6	58
100	Upconversion nanoparticles dramatically promote plant growth without toxicity. <i>Nano Research</i> , <b>2012</b> , 5, 770-782	10	57
99	A versatile fabrication of upconversion nanophosphors with functional-surface tunable ligands. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 8078		57
98	Cyclometallated ruthenium complex-modified upconversion nanophosphors for selective detection of Hg <sup>2+</sup> ions in water. <i>Nanoscale</i> , <b>2014</b> , 6, 1020-8	7.7	55
97	Long-term biodistribution in vivo and toxicity of radioactive/magnetic hydroxyapatite nanorods. <i>Biomaterials</i> , <b>2014</b> , 35, 3348-55	15.6	52
96	Visible-light-excited and europium-emissive nanoparticles for highly-luminescent bioimaging in vivo. <i>Biomaterials</i> , <b>2014</b> , 35, 5830-9	15.6	51
95	Energy Transfer Highway in Nd-Sensitized Nanoparticles for Efficient near-Infrared Bioimaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 18540-18548	9.5	49
94	A water-dispersible dye-sensitized upconversion nanocomposite modified with phosphatidylcholine for lymphatic imaging. <i>Chemical Communications</i> , <b>2016</b> , 52, 13389-13392	5.8	49
93	Highly Photostable Near-IR-Excitation Upconversion Nanocapsules Based on Triplet-Triplet Annihilation for in Vivo Bioimaging Application. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 9883-9888	9.5	47
92	Fast-Clearable Nanocarriers Conducting Chemo/Photothermal Combination Therapy to Inhibit Recurrence of Malignant Tumors. <i>Small</i> , <b>2017</b> , 13, 1700963	11	46
91	Ultrasound Switch and Thermal Self-Repair of Morphology and Surface Wettability in a Cholesterol-Based Self-Assembly System. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 1079-1083	3.6	46
90	Ratiometric Monitoring of Intracellular Drug Release by an Upconversion Drug Delivery Nanosystem. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 12278-86	9.5	45
89	Hybrid Nanoclusters for Near-Infrared to Near-Infrared Upconverted Persistent Luminescence Bioimaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 32583-32590	9.5	42
88	Red Electrophosphorescence of Conjugated Organoplatinum(II) Polymers Prepared via Direct Metalation of Poly(fluorene-co-tetraphenylporphyrin) Copolymers. <i>Organometallics</i> , <b>2005</b> , 24, 4509-4518	3.8	42
87	Core-Shell-Shell NaYbF <sub>4</sub> :Tm@CaF <sub>2</sub> @NaDyF <sub>4</sub> Nanocomposites for Upconversion/T <sub>2</sub> -Weighted MRI/Computed Tomography Lymphatic Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 19208-19	9.5	42
86	Fluorescence lifetime imaging of upper gastrointestinal pH with a lanthanide based near-infrared probe. <i>Chemical Science</i> , <b>2019</b> , 10, 4227-4235	9.4	41
85	Geminate labels programmed by two-tone microdroplets combining structural and fluorescent color. <i>Nature Communications</i> , <b>2021</b> , 12, 699	17.4	41
84	Silica Polymer Hybrid with Self-Assembled PEG Corona Excreted Rapidly via a Hepatobiliary Route. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 3036-3047	15.6	39

83	Dual Near-Infrared-Emissive Luminescent Nanoprobes for Ratiometric Luminescent Monitoring of CLO in Living Organisms. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 15298-15305	9.5	37
82	Highly Enhanced Cooperative Upconversion Luminescence through Energy Transfer Optimization and Quenching Protection. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 17894-901	9.5	37
81	In Vivo biodistribution and toxicity assessment of triplet-triplet annihilation-based upconversion nanocapsules. <i>Biomaterials</i> , <b>2017</b> , 112, 10-19	15.6	37
80	Lanthanide-based nanocrystals as dual-modal probes for SPECT and X-ray CT imaging. <i>Biomaterials</i> , <b>2014</b> , 35, 4699-705	15.6	36
79	Metabolic Labeling of Peptidoglycan with NIR-II Dye Enables In Vivo Imaging of Gut Microbiota. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 2628-2633	16.4	35
78	Near-infrared in vivo bioimaging using a molecular upconversion probe. <i>Chemical Communications</i> , <b>2016</b> , 52, 7466-9	5.8	35
77	Fluorescent conjugated polymers based on thiocarbonyl quinacridone for sensing mercury ion and bioimaging. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 3396-3403	4.9	34
76	One-pot self-assembly of multifunctional mesoporous nanoprobes with magnetic nanoparticles and hydrophobic upconversion nanocrystals. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 17615		33
75	Development of Polyene-Bridged Hybrid Rhodamine Fluorophores for High-Resolution NIR-II Imaging <b>2019</b> , 1, 418-424		32
74	A novel photo-responsive organogel based on azobenzene. <i>Journal of Physical Organic Chemistry</i> , <b>2008</b> , 21, 338-343	2.1	32
73	Near-Infrared Upconversion Luminescence and Bioimaging In Vivo Based on Quantum Dots. <i>Advanced Science</i> , <b>2019</b> , 6, 1801834	13.6	31
72	Dye-sensitized upconversion nanocomposites for ratiometric semi-quantitative detection of hypochlorite in vivo. <i>Nanoscale</i> , <b>2019</b> , 11, 2959-2965	7.7	31
71	Dye-Assembled Upconversion Nanocomposite for Luminescence Ratiometric in Vivo Bioimaging of Copper Ions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 430-436	9.5	31
70	Easy-to-Use Colorimetric Cyanine Probe for the Detection of Cu in Wilson's Disease. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 20377-20386	9.5	31
69	A phosphorescent iridium(III) solvent complex for multiplex assays of cell death. <i>Biomaterials</i> , <b>2014</b> , 35, 8748-55	15.6	30
68	Early Detection of SARS-CoV-2 Seroconversion in Humans with Aggregation-Induced Near-Infrared Emission Nanoparticle-Labeled Lateral Flow Immunoassay. <i>ACS Nano</i> , <b>2021</b> , 15, 8996-9004	16.7	30
67	Gelation induced reversible syneresis via structural evolution. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 3971		27
66	Fluorophore-photochrome co-embedded polymer nanoparticles for photoswitchable fluorescence bioimaging. <i>Nano Research</i> , <b>2012</b> , 5, 494-503	10	25

65	Polymer nanoparticles with an embedded phosphorescent osmium(II) complex for cell imaging. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 5360		25
64	Near-Infrared Lanthanide-Doped Nanoparticles for a Low Interference Lateral Flow Immunoassay Test. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 4358-4365	9.5	25
63	Biodegradable Inorganic Upconversion Nanocrystals for Applications. <i>ACS Nano</i> , <b>2020</b> ,	16.7	24
62	Photoswitchable upconversion nanophosphors for small animal imaging in vivo. <i>RSC Advances</i> , <b>2014</b> , 4, 15613	3.7	24
61	Lanthanide-Doped Nanoparticles with Upconversion and Downshifting Near-Infrared Luminescence for Bioimaging. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 9351-9357	5.1	23
60	Synthesis of NaYF <sub>4</sub> :Nd@NaLuF <sub>4</sub> @SiO <sub>2</sub> @PS colloids for fluorescence imaging in the second biological window. <i>Journal of Rare Earths</i> , <b>2018</b> , 36, 113-118	3.7	23
59	Independent of EPR Effect: A Smart Delivery Nanosystem for Tracking and Treatment of Nonvascularized Intra-Abdominal Metastases. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1806162	15.6	21
58	An efficient dye-sensitized NIR emissive lanthanide nanomaterial and its application in fluorescence-guided peritumoral lymph node dissection. <i>Nanoscale</i> , <b>2018</b> , 10, 12573-12581	7.7	20
57	Ln-doped nanoparticles with enhanced NIR-II luminescence for lighting up blood vessels in mice. <i>Nanoscale</i> , <b>2020</b> , 12, 8248-8254	7.7	19
56	Luminescence Lifetime-Based In Vivo Detection with Responsive Rare Earth-Dye Nanocomposite. <i>Small</i> , <b>2019</b> , 15, e1904487	11	18
55	Intraperitoneal Administration of Biointerface-Camouflaged Upconversion Nanoparticles for Contrast Enhanced Imaging of Pancreatic Cancer. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 8631-8642	15.6	18
54	Thuricin Z: A Narrow-Spectrum Sactibiotic that Targets the Cell Membrane. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 18793-18797	16.4	17
53	Scavenger receptor-recognized and enzyme-responsive nanoprobe for fluorescent labeling of lysosomes in live cells. <i>Biomaterials</i> , <b>2014</b> , 35, 7870-80	15.6	17
52	Point-of-care Ratiometric Fluorescence Imaging of Tissue for the Diagnosis of Ovarian Cancer. <i>Theranostics</i> , <b>2019</b> , 9, 4597-4607	12.1	16
51	Time-Gated Ratiometric Detection with the Same Working Wavelength To Minimize the Interferences from Photon Attenuation for Accurate Detection. <i>ACS Central Science</i> , <b>2019</b> , 5, 299-307	16.8	16
50	Engineering of monodisperse core-shell up-conversion dendritic mesoporous silica nanocomposites with a tunable pore size. <i>Nanoscale</i> , <b>2020</b> , 12, 5075-5083	7.7	13
49	Lifetime-based nanothermometry with ultra-long-lived luminescence. <i>Chemical Communications</i> , <b>2020</b> , 56, 10694-10697	5.8	13
48	Intra-arterial infusion of PEGylated upconversion nanophosphors to improve the initial uptake by tumors in vivo. <i>RSC Advances</i> , <b>2014</b> , 4, 23580	3.7	12

47	Ultrabright and Highly Polarity-Sensitive NIR-I/NIR-II Fluorophores for the Tracking of Lipid Droplets and Staging of Fatty Liver Disease. <i>Advanced Functional Materials</i> , 2109929	15.6	12
46	Tuning the Upconversion Efficiency and Spectrum of Upconversion Nanoparticles through Surface Decorating of an Organic Dye. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 14490-14497	5.1	11
45	In vivo biodistribution and passive accumulation of upconversion nanoparticles in colorectal cancer models via intraperitoneal injection. <i>RSC Advances</i> , <b>2017</b> , 7, 31588-31596	3.7	10
44	Nanohybrid material of bilateral switch based on diarylethene. <i>Journal of Physical Organic Chemistry</i> , <b>2007</b> , 20, 975-980	2.1	10
43	Luminescence interference-free lifetime nanothermometry pinpoints in vivo temperature. <i>Science China Chemistry</i> , <b>2021</b> , 64, 974-984	7.9	10
42	Customized Photothermal Therapy of Subcutaneous Orthotopic Cancer by Multichannel Luminescent Nanocomposites. <i>Advanced Materials</i> , <b>2021</b> , 33, e2008615	24	10
41	Quantitative Mapping of Liver Hypoxia in Living Mice Using Time-Resolved Wide-Field Phosphorescence Lifetime Imaging. <i>Advanced Science</i> , <b>2020</b> , 7, 1902929	13.6	9
40	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> , <b>2019</b> , 297, 126791	8.5	9
39	Ultrabright NIR-II Emissive Polymer Dots for Metastatic Ovarian Cancer Detection. <i>Advanced Science</i> , <b>2021</b> , 8, 2000441	13.6	9
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