

Guanying Chen

List of Publications by Year in Descending Order

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Version: 2024-04-23

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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.

127
papers

11,882
citations

49
h-index

108
g-index

140
ext. papers

13,438
ext. citations

10
avg, IF

6.74
L-index

#	Paper	IF	Citations
127	Lanthanide doped nanoheaters with reliable and absolute temperature feedback. <i>Physica B: Condensed Matter</i> , 2022 , 631, 413652	2.8	2
126	Surface modified lanthanide upconversion nanoparticles for drug delivery, cellular uptake mechanism, and current challenges in NIR-driven therapies. <i>Coordination Chemistry Reviews</i> , 2022 , 457, 214423	23.2	6
125	Defect Structure and Upconversion Luminescence Properties of LiNbO ₃ Highly Doped Congruent In:Yb:Ho:LiNbO ₃ Crystals. <i>Crystals</i> , 2022 , 12, 710	2.3	
124	Primary Luminescent Nanothermometers for Temperature Measurements Reliability Assessment. <i>Advanced Photonics Research</i> , 2021 , 2, 2000169	1.9	14
123	Real-Time Imaging of Short-Wave Infrared Luminescence Lifetimes for Anti-counterfeiting Applications. <i>Frontiers in Chemistry</i> , 2021 , 9, 659553	5	2
122	Functionalized upconversion nanoparticles: New strategy towards FRET-based luminescence bio-sensing. <i>Coordination Chemistry Reviews</i> , 2021 , 436, 213821	23.2	17
121	Lanthanide-Doped Near-Infrared Nanoparticles for Biophotonics. <i>Advanced Materials</i> , 2021 , 33, e20006734	34	37
120	How to not build a cage: endohedral functionalization of polyoxometalate-based metal-organic polyhedra. <i>Chemical Science</i> , 2021 , 12, 7361-7368	9.4	4
119	Nanoparticles for In Vivo Lifetime Multiplexed Imaging. <i>Methods in Molecular Biology</i> , 2021 , 2350, 239-2514		
118	Excretable, ultrasmall hexagonal NaGdF:Yb50% nanoparticles for bimodal imaging and radiosensitization. <i>Cancer Nanotechnology</i> , 2021 , 12, 4	7.9	1
117	New advances in pre-clinical diagnostic imaging perspectives of functionalized upconversion nanoparticle-based nanomedicine. <i>Coordination Chemistry Reviews</i> , 2021 , 440, 213971	23.2	18
116	High-Sensitivity Sensing of Divalent Copper Ions at the Single Upconversion Nanoparticle Level. <i>Analytical Chemistry</i> , 2021 , 93, 11686-11691	7.8	2
115	A hybrid molecular sensitizer for triplet fusion upconversion. <i>Chemical Engineering Journal</i> , 2021 , 426, 131282	14.7	0
114	A Class of Biocompatible Dye-Protein Complex Optical Nanoprobes.. <i>ACS Nano</i> , 2021 ,	16.7	2
113	Background-Free Chromatographic Detection of Sepsis Biomarker in Clinical Human Serum through Near-Infrared to Near-Infrared Upconversion Immunolabeling. <i>ACS Nano</i> , 2020 ,	16.7	16
112	Accurate In Vivo Nanothermometry through NIR-II Lanthanide Luminescence Lifetime. <i>Small</i> , 2020 , 16, e2004118	11	34
111	Dye Sensitization and Local Surface Plasmon Resonance-Enhanced Upconversion Luminescence for Efficient Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 24737-24746	9.5	35

110	Detecting Ferric Iron by Microalgal Residue-Derived Fluorescent Nanosensor with an Advanced Kinetic Model. <i>IScience</i> , 2020 , 23, 101174	6.1	3
109	Clearable Shortwave-Infrared-Emitting NaErF ₄ Nanoparticles for Noninvasive Dynamic Vascular Imaging. <i>Chemistry of Materials</i> , 2020 , 32, 3365-3375	9.6	25
108	Temporal Multilevel Luminescence Anticounterfeiting through Scattering Media. <i>ACS Nano</i> , 2020 , 14, 6532-6538	16.7	32
107	Noninvasive Temperature Measurement in Dental Materials Using Nd ³⁺ , Yb ³⁺ Doped Nanoparticles Emitting in the Near Infrared Region. <i>Particle and Particle Systems Characterization</i> , 2020 , 37, 1900445	3.1	10
106	Efficient sub-15 nm cubic-phase core/shell upconversion nanoparticles as reporters for ensemble and single particle studies. <i>Nanoscale</i> , 2020 , 12, 10592-10599	7.7	3
105	Effect of light scattering on upconversion photoluminescence quantum yield in microscale-to-nanoscale materials. <i>Optics Express</i> , 2020 , 28, 22803-22818	3.3	7
104	Rare Earth-Doped Nanoparticles for Advanced In Vivo Near Infrared Imaging 2020 , 63-81		2
103	Recent advances of lanthanide-doped upconversion nanoparticles for biological applications. <i>Nanotechnology</i> , 2020 , 31, 072001	3.4	34
102	Controlling lanthanide-doped upconversion nanoparticles for brighter luminescence. <i>Journal Physics D: Applied Physics</i> , 2020 , 53, 043001	3	7
101	NIR-II/III Luminescence Ratiometric Nanothermometry with Phonon-Tuned Sensitivity. <i>Advanced Optical Materials</i> , 2020 , 8, 1901173	8.1	24
100	Temporal Multiplexed in Vivo Upconversion Imaging. <i>Journal of the American Chemical Society</i> , 2020 , 142, 2023-2030	16.4	74
99	Multimode Imaging-Guided Photothermal/Chemodynamic Synergistic Therapy Nanoagent with a Tumor Microenvironment Responded Effect. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 52479-52491	9.5	20
98	All-in-One Theranostic Nanomedicine with Ultrabright Second Near-Infrared Emission for Tumor-Modulated Bioimaging and Chemodynamic/Photodynamic Therapy. <i>ACS Nano</i> , 2020 , 14, 9613-9625	16.7	97
97	Ultraefficient Singlet Oxygen Generation from Manganese-Doped Cesium Lead Chloride Perovskite Quantum Dots. <i>ACS Nano</i> , 2020 , 14, 12596-12604	16.7	10
96	In Situ Ultraviolet Polymerization Using Upconversion Nanoparticles: Nanocomposite Structures Patterned by Near Infrared Light. <i>Nanomaterials</i> , 2020 , 10,	5.4	2
95	Highly Controllable Synthesis and DFT Calculations of Double/Triple-Halide CsPbX ₃ (X = Cl, Br, I) Perovskite Quantum Dots: Application to Light-Emitting Diodes. <i>Nanomaterials</i> , 2019 , 9,	5.4	13
94	A red thermally activated delayed fluorescence emitter employing dipyrrophenazine with a gradient multi-inductive effect to improve radiation efficiency. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 7525-7530	7.1	32
93	A Strategy for Prompt Phase Transfer of Upconverting Nanoparticles Through Surface Oleate-Mediated Supramolecular Assembly of Amino- β -Cyclodextrin. <i>Frontiers in Chemistry</i> , 2019 , 7, 161	5	3

92	Upconversion-Enhanced Dye-Sensitized Solar Cells 2019 , 325-340		2
91	Micro lens array enhanced upconversion luminescence at low excitation irradiance. <i>Nanoscale</i> , 2019 , 11, 14070-14078	7.7	20
90	Prussian blue-coated lanthanide-doped core/shell/shell nanocrystals for NIR-II image-guided photothermal therapy. <i>Nanoscale</i> , 2019 , 11, 22079-22088	7.7	26
89	Point of care upconversion nanoparticles-based lateral flow assay quantifying myoglobin in clinical human blood samples. <i>Sensors and Actuators B: Chemical</i> , 2019 , 282, 309-316	8.5	37
88	Mechanism for the Extremely Efficient Sensitization of Yb Luminescence in CsPbCl Nanocrystals. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 487-492	6.4	36
87	Near infrared harvesting dye-sensitized solar cells enabled by rare-earth upconversion materials. <i>Dalton Transactions</i> , 2018 , 47, 8526-8537	4.3	33
86	Lifetime-Encoded Infrared-Emitting Nanoparticles for in Vivo Multiplexed Imaging. <i>ACS Nano</i> , 2018 , 12, 4362-4368	16.7	88
85	TiO ₂ -coated fluoride nanoparticles for dental multimodal optical imaging. <i>Journal of Biophotonics</i> , 2018 , 11, e201700029	3.1	4
84	Efficient Erbium-Sensitized Core/Shell Nanocrystals for Short Wave Infrared Bioimaging. <i>Advanced Optical Materials</i> , 2018 , 6, 1800690	8.1	46
83	Recent Progress in Upconversion Photodynamic Therapy. <i>Nanomaterials</i> , 2018 , 8,	5.4	79
82	Core-shell nanoparticles for cancer imaging and therapy 2018 , 143-175		4
81	Rare-earth-doped fluoride nanoparticles with engineered long luminescence lifetime for time-gated in vivo optical imaging in the second biological window. <i>Nanoscale</i> , 2018 , 10, 17771-17780	7.7	57
80	A core-multiple shell nanostructure enabling concurrent upconversion and quantum cutting for photon management. <i>Nanoscale</i> , 2017 , 9, 1934-1941	7.7	24
79	Subcellular Optogenetics Enacted by Targeted Nanotransformers of Near-Infrared Light. <i>ACS Photonics</i> , 2017 , 4, 806-814	6.3	44
78	Surfactant-stripped naphthalocyanines for multimodal tumor theranostics with upconversion guidance cream. <i>Nanoscale</i> , 2017 , 9, 3391-3398	7.7	33
77	Synthesis and Optimization of MoS ₂ @FeO-ICG/Pt(IV) Nanoflowers for MR/IR/PA Bioimaging and Combined PTT/PDT/Chemotherapy Triggered by 808 nm Laser. <i>Advanced Science</i> , 2017 , 4, 1600540	13.6	189
76	Enhancing dye-sensitized solar cell efficiency through broadband near-infrared upconverting nanoparticles. <i>Nanoscale</i> , 2017 , 9, 6711-6715	7.7	81
75	Dye-sensitized lanthanide-doped upconversion nanoparticles. <i>Chemical Society Reviews</i> , 2017 , 46, 4150-4167	5.8	203

74	Nd-Sensitized multicolor upconversion luminescence from a sandwiched core/shell/shell nanostructure. <i>Nanoscale</i> , 2017 , 9, 10633-10638	7.7	42
73	Nonlinear Photoacoustic Imaging by Multiphoton Upconversion and Energy Transfer. <i>ACS Photonics</i> , 2017 , 4, 2699-2705	6.3	17
72	Dopamine-mediated photothermal theranostics combined with up-conversion platform under near infrared light. <i>Scientific Reports</i> , 2017 , 7, 13562	4.9	29
71	Processability of Bulk Metallic Glasses. <i>American Journal of Applied Sciences</i> , 2017 , 14, 294-301	0.8	2
70	Stable ICG-loaded upconversion nanoparticles: silica core/shell theranostic nanoplatfrom for dual-modal upconversion and photoacoustic imaging together with photothermal therapy. <i>Scientific Reports</i> , 2017 , 7, 15753	4.9	43
69	Sub-6 nm monodisperse hexagonal core/shell NaGdF nanocrystals with enhanced upconversion photoluminescence. <i>Nanoscale</i> , 2017 , 9, 91-98	7.7	39
68	Enhancing near infrared persistent luminescence from Cr ³⁺ -activated zinc gallogermanate powders through Ca ²⁺ doping. <i>Optical Materials Express</i> , 2017 , 7, 2783	2.6	6
67	Controlled Synthesis of Monodisperse Hexagonal NaYF ₄ /Yb/Er Nanocrystals with Ultrasmall Size and Enhanced Upconversion Luminescence. <i>Molecules</i> , 2017 , 22,	4.8	25
66	Synthesis of Multicolor Core/Shell NaLuF ₄ /Yb/Ln@CaF ₂ Upconversion Nanocrystals. <i>Nanomaterials</i> , 2017 , 7,	5.4	16
65	Efficient Broadband Upconversion of Near-Infrared Light in Dye-Sensitized Core/Shell Nanocrystals. <i>Advanced Optical Materials</i> , 2016 , 4, 1760-1766	8.1	85
64	Alleviating Luminescence Concentration Quenching in Upconversion Nanoparticles through Organic Dye Sensitization. <i>Journal of the American Chemical Society</i> , 2016 , 138, 15130-15133	16.4	111
63	Nanochemistry and Nanomedicine for Nanoparticle-based Diagnostics and Therapy. <i>Chemical Reviews</i> , 2016 , 116, 2826-85	68.1	962
62	A General Strategy to Enhance Upconversion luminescence in Rare-Earth-Ion-Doped Oxide Nanocrystals. <i>American Journal of Engineering and Applied Sciences</i> , 2016 , 9, 79-83	0.4	2
61	Glassy Amorphous Metal Injection Molded Induced Morphological Defects. <i>American Journal of Applied Sciences</i> , 2016 , 13, 1476-1482	0.8	1
60	Tunable Narrow Band Emissions from Dye-Sensitized Core/Shell/Shell Nanocrystals in the Second Near-Infrared Biological Window. <i>Journal of the American Chemical Society</i> , 2016 , 138, 16192-16195	16.4	257
59	7 Upconversion Enhancement Using Epitaxial Core/Shell Nanostructures. <i>Nanomaterials and Their Applications</i> , 2016 , 163-193		
58	Synthesis of Upconversion [NaYF ₄ /Nd/Yb/Er Particles with Enhanced Luminescent Intensity through Control of Morphology and Phase. <i>Nanomaterials</i> , 2015 , 5, 218-232	5.4	39
57	Energy-Cascaded Upconversion in an Organic Dye-Sensitized Core/Shell Fluoride Nanocrystal. <i>Nano Letters</i> , 2015 , 15, 7400-7	11.5	279

56	Light upconverting core-shell nanostructures: nanophotonic control for emerging applications. <i>Chemical Society Reviews</i> , 2015 , 44, 1680-713	58.5	417
55	Lanthanide-Doped Fluoride Core/Multishell Nanoparticles for Broadband Upconversion of Infrared Light. <i>Advanced Optical Materials</i> , 2015 , 3, 575-582	8.1	47
54	Upconversion nanoparticles: a versatile solution to multiscale biological imaging. <i>Bioconjugate Chemistry</i> , 2015 , 26, 166-75	6.3	148
53	pH Mediated Control Synthesis of Lanthanide-Doped YPO ₄ Upconversion Nano/Microcrystals. <i>American Journal of Engineering and Applied Sciences</i> , 2015 , 8, 310-317	0.4	6
52	Enhancing Solar Cell Efficiency Using Photon Upconversion Materials. <i>Nanomaterials</i> , 2015 , 5, 1782-1809	5.4	108
51	Heterogeneous core/shell fluoride nanocrystals with enhanced upconversion photoluminescence for in vivo bioimaging. <i>Nanoscale</i> , 2015 , 7, 10775-80	7.7	35
50	Tuning upconversion through a sensitizer/activator-isolated NaYF ₄ core/shell structure. <i>Nanoscale</i> , 2015 , 7, 3976-84	7.7	45
49	Hexamodal imaging with porphyrin-phospholipid-coated upconversion nanoparticles. <i>Advanced Materials</i> , 2015 , 27, 1785-90	24	163
48	Enhanced upconversion emission in colloidal (NaYF ₄ :Er(3+))/NaYF ₄ core/shell nanoparticles excited at 1523 nm. <i>Optics Letters</i> , 2014 , 39, 1386-9	3	51
47	Tuning the size and upconversion emission of NaYF ₄ :Yb ³⁺ /Pr ³⁺ nanoparticles through Yb ³⁺ doping. <i>RSC Advances</i> , 2014 , 4, 56302-56306	3.7	32
46	Simultaneous multiple wavelength upconversion in a core-shell nanoparticle for enhanced near infrared light harvesting in a dye-sensitized solar cell. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 18018-25	9.5	65
45	Hydrogels: Pd-Porphyrin-Cross-Linked Implantable Hydrogels with Oxygen-Responsive Phosphorescence (Adv. Healthcare Mater. 6/2014). <i>Advanced Healthcare Materials</i> , 2014 , 3, 890-890	10.1	
44	Intense ultraviolet upconversion emission from water-dispersed colloidal YF ₃ :Yb ³⁺ /Tm ³⁺ rhombic nanodisks. <i>Nanoscale</i> , 2014 , 6, 753-7	7.7	49
43	Size-tunable and monodisperse Tm ³⁺ /Gd ³⁺ -doped hexagonal NaYbF ₄ nanoparticles with engineered efficient near infrared-to-near infrared upconversion for in vivo imaging. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 13884-93	9.5	111
42	Pd-porphyrin-cross-linked implantable hydrogels with oxygen-responsive phosphorescence. <i>Advanced Healthcare Materials</i> , 2014 , 3, 891-6	10.1	41
41	Upconversion nanoparticles: design, nanochemistry, and applications in theranostics. <i>Chemical Reviews</i> , 2014 , 114, 5161-214	68.1	1742
40	Enhanced Upconversion Luminescence in Yb/Tm-Codoped Fluoride Active Core/Active Shell/Inert Shell Nanoparticles through Directed Energy Migration. <i>Nanomaterials</i> , 2014 , 4, 55-68	5.4	67
39	Nanochemistry and nanomaterials for photovoltaics. <i>Chemical Society Reviews</i> , 2013 , 42, 8304-38	58.5	225

38	Tunable near infrared to ultraviolet upconversion luminescence enhancement in (E)NaYF ₄ :Yb,Tm)/CaF ₂ core/shell nanoparticles for in situ real-time recorded biocompatible photoactivation. <i>Small</i> , 2013 , 9, 3213-7	11	36
37	Nanophotonics and nanochemistry: controlling the excitation dynamics for frequency up- and down-conversion in lanthanide-doped nanoparticles. <i>Accounts of Chemical Research</i> , 2013 , 46, 1474-86	24.3	198
36	Engineering the Upconversion Nanoparticle Excitation Wavelength: Cascade Sensitization of Tri-doped Upconversion Colloidal Nanoparticles at 800 nm. <i>Advanced Optical Materials</i> , 2013 , 1, 644-650	8.1	293
35	Upconversion: Tunable Near Infrared to Ultraviolet Upconversion Luminescence Enhancement in (E)NaYF ₄ :Yb,Tm)/CaF ₂ Core/Shell Nanoparticles for In situ Real-time Recorded Biocompatible Photoactivation (Small 19/2013). <i>Small</i> , 2013 , 9, 3212-3212	11	172
34	Facile synthesis and potential bioimaging applications of hybrid upconverting and plasmonic NaGdF ₄ : Yb ³⁺ , Er ³⁺ /silica/gold nanoparticles. <i>Theranostics</i> , 2013 , 3, 275-81	12.1	61
33	Sensing using rare-earth-doped upconversion nanoparticles. <i>Theranostics</i> , 2013 , 3, 331-45	12.1	140
32	Lanthanide-doped ultrasmall yttrium fluoride nanoparticles with enhanced multicolor upconversion photoluminescence. <i>Journal of Materials Chemistry</i> , 2012 , 22, 20190		116
31	Core/shell NaGdF ₄ :Nd(3+)/NaGdF ₄ nanocrystals with efficient near-infrared to near-infrared downconversion photoluminescence for bioimaging applications. <i>ACS Nano</i> , 2012 , 6, 2969-77	16.7	350
30	Synthesis of monoclinic Na ₃ ScF ₆ :1mol% Er ³⁺ /2mol% Yb ³⁺ microcrystals by a facile hydrothermal approach. <i>Journal of Alloys and Compounds</i> , 2012 , 522, 74-77	5.7	25
29	Use of colloidal upconversion nanocrystals for energy relay solar cell light harvesting in the near-infrared region. <i>Journal of Materials Chemistry</i> , 2012 , 22, 16709		94
28	Controlled growth along circumferential edge and upconverting luminescence of (E)NaYF ₄ : 20%Yb ³⁺ , 1%Er ³⁺ microcrystals. <i>Materials Chemistry and Physics</i> , 2012 , 137, 97-102	4.4	11
27	(E)NaYbF ₄ :Tm(3+)/CaF ₂ core/shell nanoparticles with efficient near-infrared to near-infrared upconversion for high-contrast deep tissue bioimaging. <i>ACS Nano</i> , 2012 , 6, 8280-7	16.7	582
26	Gene Silencing of Human Neuronal Cells for Drug Addiction Therapy using Anisotropic Nanocrystals. <i>Theranostics</i> , 2012 , 2, 695-704	12.1	17
25	Generation of 1.5 Emission through an upconversion-mediated looping mechanism in Er ³⁺ /Sc ³⁺ -codoped LiNbO ₃ single crystal. <i>Optics Letters</i> , 2012 , 37, 1268-70	3	8
24	Intense visible and near-infrared upconversion photoluminescence in colloidal LiYF ₄ :Er ³⁺ nanocrystals under excitation at 1490 nm. <i>ACS Nano</i> , 2011 , 5, 4981-6	16.7	317
23	Monodisperse NaYbF ₄ :Tm ³⁺ /NaGdF ₄ core/shell nanocrystals with near-infrared to near-infrared upconversion photoluminescence and magnetic resonance properties. <i>Nanoscale</i> , 2011 , 3, 2003-8	7.7	158
22	Enhancement of upconversion luminescence of Y ₂ O ₃ :Er ³⁺ nanocrystals by codoping Li+Zn ²⁺ . <i>Journal of Alloys and Compounds</i> , 2011 , 509, 409-413	5.7	52
21	Synthesis of Monodisperse Au, Ag, and Au/Ag Alloy Nanoparticles with Tunable Size and Surface Plasmon Resonance Frequency. <i>Chemistry of Materials</i> , 2011 , 23, 4098-4101	9.6	172

20	Tuning the size and shape of colloidal cerium oxide nanocrystals through lanthanide doping. <i>Chemical Communications</i> , 2011 , 47, 9648-50	5.8	60
19	Ethylenediaminetetraacetic acid (EDTA)-controlled synthesis of multicolor lanthanide doped BaYF5 upconversion nanocrystals. <i>Journal of Materials Chemistry</i> , 2011 , 21, 17202		85
18	Influence of Yb ³⁺ concentration on upconversion luminescence of Ho ³⁺ . <i>Optics Communications</i> , 2011 , 284, 1053-1056	2	30
17	Ultrasmall monodisperse NaYF ₄ :Yb(3+)/Tm(3+) nanocrystals with enhanced near-infrared to near-infrared upconversion photoluminescence. <i>ACS Nano</i> , 2010 , 4, 3163-8	16.7	550
16	Autofluorescence-free in vivo multicolor imaging using upconversion fluoride nanocrystals. <i>Lasers in Medical Science</i> , 2010 , 25, 479-84	3.1	23
15	Upconversion emission tuning from green to red in Yb ³⁺ /Ho ³⁺ -codoped NaYF ₄ nanocrystals by tridoping with Ce ³⁺ ions. <i>Nanotechnology</i> , 2009 , 20, 385704	3.4	160
14	ULTRAVIOLET AND BLUE UPCONVERSION EMISSIONS OF NaYF ₄ :La ³⁺ (Er ³⁺ , Tb ³⁺) NANOCRYSTALS UNDER 532 NM LASER EXCITATION. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2009 , 18, 605-610	0.8	2
13	Upconversion luminescence in Yb ³⁺ /Tb ³⁺ -codoped monodisperse NaYF ₄ nanocrystals. <i>Optics Communications</i> , 2009 , 282, 3028-3031	2	55
12	Ultraviolet upconversion luminescence enhancement in Yb ³⁺ /Er ³⁺ -codoped Y ₂ O ₃ nanocrystals induced by tridoping with Li ⁺ ions. <i>Journal of Luminescence</i> , 2009 , 129, 197-202	3.8	37
11	Near vacuum ultraviolet luminescence of Gd ³⁺ and Er ³⁺ ions generated by super saturation upconversion processes. <i>Optics Express</i> , 2009 , 17, 16366-71	3.3	46
10	Anomalous power dependence of upconversion emissions in Gd ₂ O ₃ :Er ³⁺ nanocrystals under diode laser excitation of 970 nm. <i>Journal of Applied Physics</i> , 2009 , 105, 114315	2.5	30
9	Upconversion Emission Enhancement in Yb ³⁺ /Er ³⁺ -Codoped Y ₂ O ₃ Nanocrystals by Tridoping with Li ⁺ Ions. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 12030-12036	3.8	276
8	Autofluorescence insensitive imaging using upconverting nanocrystals in scattering media. <i>Applied Physics Letters</i> , 2008 , 93, 171103	3.4	65
7	Enhancement of the upconversion radiation in Y ₂ O ₃ :Er ³⁺ nanocrystals by codoping with Li ⁺ ions. <i>Applied Physics Letters</i> , 2008 , 92, 113114	3.4	125
6	Enhanced multiphoton ultraviolet and blue upconversion emissions in Y ₂ O ₃ :Er ³⁺ nanocrystals by codoping with Li ⁺ ions. <i>Solid State Communications</i> , 2008 , 148, 96-100	1.6	31
5	Bright white upconversion luminescence in rare-earth-ion-doped Y ₂ O ₃ nanocrystals. <i>Applied Physics Letters</i> , 2007 , 91, 133103	3.4	167
4	Upconversion mechanism for two-color emission in rare-earth-ion-doped ZrO ₂ nanocrystals. <i>Physical Review B</i> , 2007 , 75,	3.3	155
3	Four-photon upconversion induced by infrared diode laser excitation in rare-earth-ion-doped Y ₂ O ₃ nanocrystals. <i>Chemical Physics Letters</i> , 2007 , 448, 127-131	2.5	48

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|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| 2 | Ultraviolet upconversion fluorescence in rare-earth-ion-doped Y2O3 induced by infrared diode laser excitation. <i>Optics Letters</i> , 2007 , 32, 87-9 | 3 | 58 |
| 1 | Two-color upconversion in rare-earth-ion-doped ZrO2 nanocrystals. <i>Applied Physics Letters</i> , 2006 , 89, 163105 | 3-4 | 137 |