

Guanying Chen

List of Publications by Year in descending order

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139
papers

14,942
citations

26630

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docs citations

140
times ranked

13437
citing authors

#	ARTICLE	IF	CITATIONS
1	Upconversion Nanoparticles: Design, Nanochemistry, and Applications in Theranostics. <i>Chemical Reviews</i> , 2014, 114, 5161-5214.	47.7	2,163
2	Nanochemistry and Nanomedicine for Nanoparticle-based Diagnostics and Therapy. <i>Chemical Reviews</i> , 2016, 116, 2826-2885.	47.7	1,201
3	(CaF_2 : 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, 8280-8287.	14.6	647
4	Ultrasmall Monodisperse NaYF_4 : Yb^{3+} / Tm^{3+} Nanocrystals with Enhanced Near-Infrared to Near-Infrared Upconversion Photoluminescence. <i>ACS Nano</i> , 2010, 4, 3163-3168.	14.6	586
5	Light upconverting core-shell nanostructures: nanophotonic control for emerging applications. <i>Chemical Society Reviews</i> , 2015, 44, 1680-1713.	38.1	483
6	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, 2969-2977.	14.6	403
7	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, 4981-4986.	14.6	348
8	Energy-Cascaded Upconversion in an Organic Dye-Sensitized Core/Shell Fluoride Nanocrystal. <i>Nano Letters</i> , 2015, 15, 7400-7407.	9.1	341
9	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.	7.3	321
10	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.	13.7	314
11	Upconversion Emission Enhancement in Yb^{3+} / Er^{3+} -Codoped Y_2O_3 Nanocrystals by Tridoping with Li^{+} Ions. <i>Journal of Physical Chemistry C</i> , 2008, 112, 12030-12036.	3.1	306
12	Dye-sensitized lanthanide-doped upconversion nanoparticles. <i>Chemical Society Reviews</i> , 2017, 46, 4150-4167.	38.1	281
13	Nanochemistry and nanomaterials for photovoltaics. <i>Chemical Society Reviews</i> , 2013, 42, 8304.	38.1	269
14	Synthesis and Optimization of MoS_2 @ Fe_3O_4 @ $\text{CCG}/\text{Pt(IV)}$ Nanoflowers for MR/IR/PA Bioimaging and Combined PTT/PDT/Chemotherapy Triggered by 808 nm Laser. <i>Advanced Science</i> , 2017, 4, 1600540.	11.2	248
15	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, 1474-1486.	15.6	225
16	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.	6.7	207
17	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.	14.6	203
18	Hexamodal Imaging with Porphyrin-Phospholipid-Coated Upconversion Nanoparticles. <i>Advanced Materials</i> , 2015, 27, 1785-1790.	21.0	189

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19	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.	2.6	188
20	Upconversion: Tunable Near Infrared to Ultraviolet Upconversion Luminescence Enhancement in (NaYF ₄ :Yb,Tm)/CaF ₂ Core/Shell Nanoparticles for In situ Real-time Recorded Biocompatible Photoactivation (<i>Small</i> 19/2013). <i>Small</i> , 2013, 9, 3212-3212.	10.0	182
21	Upconversion Nanoparticles: A Versatile Solution to Multiscale Biological Imaging. <i>Bioconjugate Chemistry</i> , 2015, 26, 166-175.	3.6	178
22	Bright white upconversion luminescence in rare-earth-ion-doped Y ₂ O ₃ nanocrystals. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	175
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.	5.6	170
24	Upconversion mechanism for two-color emission in rare-earth-ion-doped ZrO ₂ nanocrystals. <i>Physical Review B</i> , 2007, 75, .	3.2	169
25	Sensing Using Rare-Earth-Doped Upconversion Nanoparticles. <i>Theranostics</i> , 2013, 3, 331-345.	10.0	165
26	Alleviating Luminescence Concentration Quenching in Upconversion Nanoparticles through Organic Dye Sensitization. <i>Journal of the American Chemical Society</i> , 2016, 138, 15130-15133.	13.7	149
27	Two-color upconversion in rare-earth-ion-doped ZrO ₂ nanocrystals. <i>Applied Physics Letters</i> , 2006, 89, 163105.	3.3	143
28	Enhancing Solar Cell Efficiency Using Photon Upconversion Materials. <i>Nanomaterials</i> , 2015, 5, 1782-1809.	4.1	142
29	Lifetime-Encoded Infrared-Emitting Nanoparticles for <i>in Vivo</i> Multiplexed Imaging. <i>ACS Nano</i> , 2018, 12, 4362-4368.	14.6	138
30	Temporal Multiplexed <i>in Vivo</i> Upconversion Imaging. <i>Journal of the American Chemical Society</i> , 2020, 142, 2023-2030.	13.7	138
31	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, .	3.3	134
32	Size-Tunable and Monodisperse Tm ³⁺ /Gd ³⁺ -Doped Hexagonal NaYbF ₄ Nanoparticles with Engineered Efficient Near Infrared-to-Near Infrared Upconversion for <i>In Vivo</i> Imaging. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 13884-13893.	8.0	128
33	Lanthanide-doped ultrasmall yttrium fluoride nanoparticles with enhanced multicolor upconversion photoluminescence. <i>Journal of Materials Chemistry</i> , 2012, 22, 20190.	6.7	126
34	Lanthanide-Doped Near-Infrared Nanoparticles for Biophotonics. <i>Advanced Materials</i> , 2021, 33, e2000678.	21.0	113
35	Recent Progress in Upconversion Photodynamic Therapy. <i>Nanomaterials</i> , 2018, 8, 344.	4.1	106
36	Efficient Broadband Upconversion of Near-Infrared Light in Dye-Sensitized Core/Shell Nanocrystals. <i>Advanced Optical Materials</i> , 2016, 4, 1760-1766.	7.3	104

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37	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.	6.7	101
38	Enhancing dye-sensitized solar cell efficiency through broadband near-infrared upconverting nanoparticles. <i>Nanoscale</i> , 2017, 9, 6711-6715.	5.6	99
39	Ethylenediaminetetraacetic acid (EDTA)-controlled synthesis of multicolor lanthanide doped BaYF ₅ upconversion nanocrystals. <i>Journal of Materials Chemistry</i> , 2011, 21, 17202.	6.7	93
40	Rare-earth-doped fluoride nanoparticles with engineered long luminescence lifetime for time-gated <i>in vivo</i> optical imaging in the second biological window. <i>Nanoscale</i> , 2018, 10, 17771-17780.	5.6	87
41	Accurate In Vivo Nanothermometry through NIR-Dependent Lanthanide Luminescence Lifetime. <i>Small</i> , 2020, 16, e2004118.	10.0	84
42	Autofluorescence insensitive imaging using upconverting nanocrystals in scattering media. <i>Applied Physics Letters</i> , 2008, 93, .	3.3	82
43	Efficient Erbium-Sensitized Core/Shell Nanocrystals for Short Wave Infrared Bioimaging. <i>Advanced Optical Materials</i> , 2018, 6, 1800690.	7.3	80
44	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, 18018-18025.	8.0	77
45	Enhanced Upconversion Luminescence in Yb ³⁺ /Tm ³⁺ -Codoped Fluoride Active Core/Active Shell/Inert Shell Nanoparticles through Directed Energy Migration. <i>Nanomaterials</i> , 2014, 4, 55-68.	4.1	76
46	Functionalized upconversion nanoparticles: New strategy towards FRET-based luminescence bio-sensing. <i>Coordination Chemistry Reviews</i> , 2021, 436, 213821.	18.8	76
47	Temporal Multilevel Luminescence Anticounterfeiting through Scattering Media. <i>ACS Nano</i> , 2020, 14, 6532-6538.	14.6	74
48	Tunable Near Infrared to Ultraviolet Upconversion Luminescence Enhancement in (NaYF ₄ :Yb,Tm)/CaF ₂ Core/Shell Nanoparticles for In situ Real-time Recorded Biocompatible Photoactivation. <i>Small</i> , 2013, 9, 3213-3217.	10.0	69
49	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, 275-281.	10.0	67
50	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.	8.0	65
51	Tuning the size and shape of colloidal cerium oxide nanocrystals through lanthanide doping. <i>Chemical Communications</i> , 2011, 47, 9648.	4.1	63
52	Stable ICG-loaded upconversion nanoparticles: silica core/shell theranostic nanoplatform for dual-modal upconversion and photoacoustic imaging together with photothermal therapy. <i>Scientific Reports</i> , 2017, 7, 15753.	3.3	63
53	Ultraviolet upconversion fluorescence in rare-earth-ion-doped Y ₂ O ₃ induced by infrared diode laser excitation. <i>Optics Letters</i> , 2007, 32, 87.	3.3	62
54	Enhancement of upconversion luminescence of Y ₂ O ₃ :Er ³⁺ nanocrystals by codoping Li ⁺ and Zn ²⁺ . <i>Journal of Alloys and Compounds</i> , 2011, 509, 409-413.	5.5	62

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55	Recent advances of lanthanide-doped upconversion nanoparticles for biological applications. <i>Nanotechnology</i> , 2020, 31, 072001.	2.6	61
56	New advances in pre-clinical diagnostic imaging perspectives of functionalized upconversion nanoparticle-based nanomedicine. <i>Coordination Chemistry Reviews</i> , 2021, 440, 213971.	18.8	60
57	Upconversion luminescence in Yb ³⁺ /Tb ³⁺ -codoped monodisperse NaYF ₄ nanocrystals. <i>Optics Communications</i> , 2009, 282, 3028-3031.	2.1	57
58	Tuning upconversion through a sensitizer/activator-isolated NaYF ₄ core/shell structure. <i>Nanoscale</i> , 2015, 7, 3976-3984.	5.6	57
59	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.	7.8	55
60	Mechanism for the Extremely Efficient Sensitization of Yb ³⁺ Luminescence in CsPbCl ₃ Nanocrystals. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 487-492.	4.6	55
61	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.	5.5	54
62	Multimode Imaging-Guided Photothermal/Chemodynamic Synergistic Therapy Nanoagent with a Tumor Microenvironment Responeded Effect. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 52479-52491.	8.0	54
63	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.	2.6	53
64	Clearable Shortwave-Infrared-Emitting NaErF ₄ Nanoparticles for Noninvasive Dynamic Vascular Imaging. <i>Chemistry of Materials</i> , 2020, 32, 3365-3375.	6.7	53
65	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.	18.8	53
66	Intense ultraviolet upconversion emission from water-dispersed colloidal YF ₃ :Yb ³⁺ /Tm ³⁺ rhombic nanodisks. <i>Nanoscale</i> , 2014, 6, 753-757.	5.6	52
67	Subcellular Optogenetics Enacted by Targeted Nanotransformers of Near-Infrared Light. <i>ACS Photonics</i> , 2017, 4, 806-814.	6.6	52
68	Near vacuum ultraviolet luminescence of Gd ³⁺ and Er ³⁺ ions generated by super saturation upconversion processes. <i>Optics Express</i> , 2009, 17, 16366.	3.4	51
69	Enhanced upconversion emission in colloidal (NaYF ₄ :Er ³⁺)/NaYF ₄ core/shell nanoparticles excited at 1523Ånm. <i>Optics Letters</i> , 2014, 39, 1386.	3.3	51
70	Nd ³⁺ -Sensitized multicolor upconversion luminescence from a sandwiched core/shell/shell nanostructure. <i>Nanoscale</i> , 2017, 9, 10633-10638.	5.6	51
71	NIR-III Luminescence Ratiometric Nanothermometry with Phonon-Tuned Sensitivity. <i>Advanced Optical Materials</i> , 2020, 8, 1901173.	7.3	51
72	Lanthanide-Doped Fluoride Core/Multishell Nanoparticles for Broadband Upconversion of Infrared Light. <i>Advanced Optical Materials</i> , 2015, 3, 575-582.	7.3	50

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73	Prussian blue-coated lanthanide-doped core/shell/shell nanocrystals for NIR-II image-guided photothermal therapy. <i>Nanoscale</i> , 2019, 11, 22079-22088.	5.6	50
74	Near infrared harvesting dye-sensitized solar cells enabled by rare-earth upconversion materials. <i>Dalton Transactions</i> , 2018, 47, 8526-8537.	3.3	48
75	Pd-Porphyrin-Cross-Linked Implantable Hydrogels with Oxygen-Responsive Phosphorescence. <i>Advanced Healthcare Materials</i> , 2014, 3, 891-896.	7.6	46
76	Sub-6 nm monodisperse hexagonal core/shell NaGdF ₄ nanocrystals with enhanced upconversion photoluminescence. <i>Nanoscale</i> , 2017, 9, 91-98.	5.6	45
77	Heterogeneous core/shell fluoride nanocrystals with enhanced upconversion photoluminescence for in vivo bioimaging. <i>Nanoscale</i> , 2015, 7, 10775-10780.	5.6	43
78	Synthesis of Upconversion $\text{F}^{2-}\text{-NaYF}_4\text{:Nd}^{3+}/\text{Yb}^{3+}/\text{Er}^{3+}$ Particles with Enhanced Luminescent Intensity through Control of Morphology and Phase. <i>Nanomaterials</i> , 2015, 5, 218-232.	4.1	43
79	Microlens array enhanced upconversion luminescence at low excitation irradiance. <i>Nanoscale</i> , 2019, 11, 14070-14078.	5.6	41
80	Primary Luminescent Nanothermometers for Temperature Measurements Reliability Assessment. <i>Advanced Photonics Research</i> , 2021, 2, 2000169.	3.6	41
81	Background-Free Chromatographic Detection of Sepsis Biomarker in Clinical Human Serum through Near-Infrared to Near-Infrared Upconversion Immunolabeling. <i>ACS Nano</i> , 2020, 14, 16864-16874.	14.6	39
82	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.	3.6	38
83	Surfactant-stripped naphthalocyanines for multimodal tumor theranostics with upconversion guidance cream. <i>Nanoscale</i> , 2017, 9, 3391-3398.	5.6	38
84	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.	3.1	37
85	Dopamine-mediated photothermal theranostics combined with up-conversion platform under near infrared light. <i>Scientific Reports</i> , 2017, 7, 13562.	3.3	37
86	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, .	2.5	36
87	Influence of Yb ³⁺ concentration on upconversion luminescence of Ho ³⁺ . <i>Optics Communications</i> , 2011, 284, 1053-1056.	2.1	33
88	Controlled Synthesis of Monodisperse Hexagonal NaYF ₄ :Yb/Er Nanocrystals with Ultrasmall Size and Enhanced Upconversion Luminescence. <i>Molecules</i> , 2017, 22, 2113.	3.8	33
89	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.	1.9	31
90	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.	5.5	26

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91	A core–multiple shell nanostructure enabling concurrent upconversion and quantum cutting for photon management. <i>Nanoscale</i> , 2017, 9, 1934-1941.	5.6	26
92	Autofluorescence-free in vivo multicolor imaging using upconversion fluoride nanocrystals. <i>Lasers in Medical Science</i> , 2010, 25, 479-484.	2.1	24
93	Macrocyclic Polyoxometalates: Selective Polyanion Binding and Ultrahigh Proton Conduction. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	24
94	Nonlinear Photoacoustic Imaging by <i>in Situ</i> Multiphoton Upconversion and Energy Transfer. <i>ACS Photonics</i> , 2017, 4, 2699-2705.	6.6	22
95	Metal–Organic Cages with $\{SiW_9Ni_4\}$ Polyoxotungstate Nodes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	22
96	Theranostic Upconversion Nanoparticles (I). <i>Theranostics</i> , 2013, 3, 289-291.	10.0	21
97	Glassy Amorphous Metal Injection Molded Induced Morphological Defects. <i>American Journal of Applied Sciences</i> , 2016, 13, 1476-1482.	0.2	21
98	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, 172.	4.1	21
99	How to not build a cage: endohedral functionalization of polyoxometalate-based metal–organic polyhedra. <i>Chemical Science</i> , 2021, 12, 7361-7368.	7.4	21
100	Ultraefficient Singlet Oxygen Generation from Manganese-Doped Cesium Lead Chloride Perovskite Quantum Dots. <i>ACS Nano</i> , 2020, 14, 12596-12604.	14.6	20
101	Gene Silencing of Human Neuronal Cells for Drug Addiction Therapy using Anisotropic Nanocrystals. <i>Theranostics</i> , 2012, 2, 695-704.	10.0	18
102	Processability of Bulk Metallic Glasses. <i>American Journal of Applied Sciences</i> , 2017, 14, 294-301.	0.2	18
103	Synthesis of Multicolor Core/Shell NaLuF ₄ :Yb ³⁺ /Ln ³⁺ @CaF ₂ Upconversion Nanocrystals. <i>Nanomaterials</i> , 2017, 7, 34.	4.1	17
104	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.	2.3	17
105	Controlled growth along circumferential edge and upconverting luminescence of β -NaYF ₄ : 20%Yb ³⁺ , 1%Er ³⁺ microcrystals. <i>Materials Chemistry and Physics</i> , 2012, 137, 97-102.	4.0	13
106	Controlling lanthanide-doped upconversion nanoparticles for brighter luminescence. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 043001.	2.8	13
107	Effect of light scattering on upconversion photoluminescence quantum yield in microscale-to-nanoscale materials. <i>Optics Express</i> , 2020, 28, 22803.	3.4	13
108	Real-Time Imaging of Short-Wave Infrared Luminescence Lifetimes for Anti-counterfeiting Applications. <i>Frontiers in Chemistry</i> , 2021, 9, 659553.	3.6	12

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109	A Class of Biocompatible Dye-Protein Complex Optical Nanoprobes. ACS Nano, 2022, 16, 328-339.	14.6	12
110	High-Sensitivity Sensing of Divalent Copper Ions at the Single Upconversion Nanoparticle Level. Analytical Chemistry, 2021, 93, 11686-11691.	6.5	11
111	Generation of 15 λ 4m emission through an upconversion-mediated looping mechanism in Er ³⁺ /Sc ³⁺ -codoped LiNbO ₃ single crystal. Optics Letters, 2012, 37, 1268.	3.3	10
112	Nanostructured Solar Cells. Nanomaterials, 2016, 6, 145.	4.1	10
113	Enhancing near infrared persistent luminescence from Cr ³⁺ -activated zinc gallogermanate powders through Ca ²⁺ doping. Optical Materials Express, 2017, 7, 2783.	3.0	10
114	Efficient sub-15 nm cubic-phase core/shell upconversion nanoparticles as reporters for ensemble and single particle studies. Nanoscale, 2020, 12, 10592-10599.	5.6	10
115	Lanthanide doped nanoheaters with reliable and absolute temperature feedback. Physica B: Condensed Matter, 2022, 631, 413652.	2.7	10
116	In Situ Ultraviolet Polymerization Using Upconversion Nanoparticles: Nanocomposite Structures Patterned by Near Infrared Light. Nanomaterials, 2020, 10, 2054.	4.1	9
117	Excretable, ultrasmall hexagonal NaGdF ₄ :Yb50% nanoparticles for bimodal imaging and radiosensitization. Cancer Nanotechnology, 2021, 12, 4.	3.7	9
118	Detecting Ferric Iron by Microalgal Residue-Derived Fluorescent Nanosensor with an Advanced Kinetic Model. IScience, 2020, 23, 101174.	4.1	8
119	Theranostic Upconversion Nanoparticles (II). Theranostics, 2013, 3, 354-355.	10.0	7
120	pH Mediated Control Synthesis of Lanthanide-Doped YPO ₄ Upconversion Nano/Microcrystals. American Journal of Engineering and Applied Sciences, 2015, 8, 310-317.	0.6	6
121	Core-shell nanoparticles for cancer imaging and therapy. , 2018, , 143-175.		6
122	TiO ₂ -coated fluoride nanoparticles for dental multimodal optical imaging. Journal of Biophotonics, 2018, 11, e201700029.	2.3	5
123	A hybrid molecular sensitizer for triplet fusion upconversion. Chemical Engineering Journal, 2021, 426, 131282.	12.7	5
124	Timing matters: pre-assembly versus post-assembly functionalization of a polyoxovanadate-organic cuboid. Chemical Science, 2022, 13, 5718-5725.	7.4	5
125	A Strategy for Prompt Phase Transfer of Upconverting Nanoparticles Through Surface Oleate-Mediated Supramolecular Assembly of Amino- β -Cyclodextrin. Frontiers in Chemistry, 2019, 7, 161.	3.6	4
126	Rare Earth-Doped Nanoparticles for Advanced In Vivo Near Infrared Imaging. , 2020, , 63-81.		4

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127	Metal-Organic Cages with {SiW ₉ Ni ₄ } Polyoxotungstate Nodes. <i>Angewandte Chemie</i> , 0, , .	2.0	4
128	Selected Papers from the 1st International Online Conference on Nanomaterials. <i>Nanomaterials</i> , 2019, 9, 1021.	4.1	3
129	Defect Structure and Upconversion Luminescence Properties of LiNbO ₃ Highly Doped Congruent In:Yb:Ho:LiNbO ₃ Crystals. <i>Crystals</i> , 2022, 12, 710.	2.2	3
130	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.	1.8	2
131	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.	0.6	2
132	Upconversion-Enhanced Dye-Sensitized Solar Cells. , 2019, , 325-340.		2
133	Macrocyclic Polyoxometalates: Selective Polyanion Binding and Ultrahigh Proton Conduction. <i>Angewandte Chemie</i> , 0, , .	2.0	2
134	Nanoparticles for In Vivo Lifetime Multiplexed Imaging. <i>Methods in Molecular Biology</i> , 2021, 2350, 239-251.	0.9	1
135	Selected Papers from the Second International Online Conference on Nanomaterials. <i>Nanomaterials</i> , 2022, 12, 302.	4.1	1
136	High contrast in vivo bioimaging using multiphoton upconversion in novel rare-earth-doped fluoride upconversion nanoparticles. , 2013, , .		0
137	Hydrogels: Pd-Porphyrin-Cross-Linked Implantable Hydrogels with Oxygen-Responsive Phosphorescence (<i>Adv. Healthcare Mater.</i> 6/2014). <i>Advanced Healthcare Materials</i> , 2014, 3, 890-890.	7.6	0
138	Development and characterization of a hexamodal imaging nanoparticle. , 2015, , .		0
139	7 Upconversion Enhancement Using Epitaxial Core-Shell Nanostructures. <i>Nanomaterials and Their Applications</i> , 2016, , 163-193.	0.0	0