

Jun Lin

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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.

516
papers

35,485
citations

97
h-index

166
g-index

546
ext. papers

41,685
ext. citations

8.7
avg, IF

7.93
L-index

#	Paper	IF	Citations
516	Functionalized mesoporous silica materials for controlled drug delivery. <i>Chemical Society Reviews</i> , 2012 , 41, 3679-98	58.5	1142
515	Recent progress in rare earth micro/nanocrystals: soft chemical synthesis, luminescent properties, and biomedical applications. <i>Chemical Reviews</i> , 2014 , 114, 2343-89	68.1	1088
514	How to produce white light in a single-phase host?. <i>Chemical Society Reviews</i> , 2014 , 43, 1372-86	58.5	888
513	Current advances in lanthanide ion (Ln(3+))-based upconversion nanomaterials for drug delivery. <i>Chemical Society Reviews</i> , 2015 , 44, 1416-48	58.5	611
512	Rare earth fluoride nano-/microcrystals: synthesis, surface modification and application. <i>Journal of Materials Chemistry</i> , 2010 , 20, 6831		600
511	Recent progress in luminescence tuning of Ce(3+) and Eu(2+)-activated phosphors for pc-WLEDs. <i>Chemical Society Reviews</i> , 2015 , 44, 8688-713	58.5	586
510	An overview on enhancing the stability of lead halide perovskite quantum dots and their applications in phosphor-converted LEDs. <i>Chemical Society Reviews</i> , 2019 , 48, 310-350	58.5	545
509	Synthesis of Magnetic, Up-Conversion Luminescent, and Mesoporous Core/Shell-Structured Nanocomposites as Drug Carriers. <i>Advanced Functional Materials</i> , 2010 , 20, 1166-1172	15.6	515
508	In vivo multimodality imaging and cancer therapy by near-infrared light-triggered trans-platinum pro-drug-conjugated upconversion nanoparticles. <i>Journal of the American Chemical Society</i> , 2013 , 135, 18920-9	16.4	466
507	Layered organic/inorganic hybrid perovskites: structure, optical properties, film preparation, patterning and templating engineering. <i>CrystEngComm</i> , 2010 , 12, 2646	3.3	460
506	Highly uniform and monodisperse beta-NaYF(4):Ln(3+) (Ln = Eu, Tb, Yb/Er, and Yb/Tm) hexagonal microprism crystals: hydrothermal synthesis and luminescent properties. <i>Inorganic Chemistry</i> , 2007 , 46, 6329-37	5.1	421
505	Enhanced Cisplatin Chemotherapy by Iron Oxide Nanocarrier-Mediated Generation of Highly Toxic Reactive Oxygen Species. <i>Nano Letters</i> , 2017 , 17, 928-937	11.5	416
504	UV-emitting upconversion-based TiO2 photosensitizing nanoplatfrom: near-infrared light mediated in vivo photodynamic therapy via mitochondria-involved apoptosis pathway. <i>ACS Nano</i> , 2015 , 9, 2584-99	16.7	397
503	A magnetic, luminescent and mesoporous core-shell structured composite material as drug carrier. <i>Biomaterials</i> , 2009 , 30, 4786-95	15.6	326
502	Recent advances in functional nanomaterials for light-triggered cancer therapy. <i>Nano Today</i> , 2018 , 19, 146-187	17.9	325
501	Bioactive, luminescent and mesoporous europium-doped hydroxyapatite as a drug carrier. <i>Biomaterials</i> , 2008 , 29, 4341-7	15.6	298
500	A yolk-like multifunctional platform for multimodal imaging and synergistic therapy triggered by a single near-infrared light. <i>ACS Nano</i> , 2015 , 9, 1630-47	16.7	295

499	Highly Emissive Dye-Sensitized Upconversion Nanostructure for Dual-Photosensitizer Photodynamic Therapy and Bioimaging. <i>ACS Nano</i> , 2017 , 11, 4133-4144	16.7	262
498	Tunable luminescence of Ce ³⁺ /Mn ²⁺ -coactivated Ca ₂ Gd ₈ (SiO ₄) ₆ O ₂ through energy transfer and modulation of excitation: potential single-phase white/yellow-emitting phosphors. <i>Journal of Materials Chemistry</i> , 2011 , 21, 13334		260
497	Self-activated luminescent and mesoporous strontium hydroxyapatite nanorods for drug delivery. <i>Biomaterials</i> , 2010 , 31, 3374-83	15.6	255
496	Magnetic Targeting, Tumor Microenvironment-Responsive Intelligent Nanocatalysts for Enhanced Tumor Ablation. <i>ACS Nano</i> , 2018 , 12, 11000-11012	16.7	247
495	Multiform Oxide Optical Materials via the Versatile Pechini-Type Sol-Gel Process: Synthesis and Characteristics. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 5835-5845	3.8	238
494	Enhancing the Stability of Perovskite Quantum Dots by Encapsulation in Crosslinked Polystyrene Beads via a Swelling/Shrinking Strategy toward Superior Water Resistance. <i>Advanced Functional Materials</i> , 2017 , 27, 1703535	15.6	219
493	A Multifunctional Cascade Bioreactor Based on Hollow-Structured Cu MoS for Synergetic Cancer Chemo-Dynamic Therapy/Starvation Therapy/Phototherapy/Immunotherapy with Remarkably Enhanced Efficacy. <i>Advanced Materials</i> , 2019 , 31, e1905271	24	218
492	Recent development in phosphors with different emitting colors via energy transfer. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 5507-5530	7.1	217
491	Preparation and Luminescence Properties of YVO ₄ :Ln and Y(V, P)O ₄ :Ln (Ln = Eu ³⁺ , Sm ³⁺ , Dy ³⁺) Nanofibers and Microbelts by Sol-Gel/Electrospinning Process. <i>Chemistry of Materials</i> , 2008 , 20, 6686-6696	9.6	214
490	Controllable red, green, blue (RGB) and bright white upconversion luminescence of Lu ₂ O ₃ :Yb ³⁺ /Er ³⁺ /Tm ³⁺ nanocrystals through single laser excitation at 980 nm. <i>Chemistry - A European Journal</i> , 2009 , 15, 4649-55	4.8	213
489	Defect-related luminescent materials: synthesis, emission properties and applications. <i>Chemical Society Reviews</i> , 2012 , 41, 7938-61	58.5	211
488	Self-Assembled 3D Flowerlike Lu ₂ O ₃ and Lu ₂ O ₃ :Ln ³⁺ (Ln = Eu, Tb, Dy, Pr, Sm, Er, Ho, Tm) Microarchitectures: Ethylene Glycol-Mediated Hydrothermal Synthesis and Luminescent Properties. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 12777-12785	3.8	207
487	Single-composition trichromatic white-emitting Ca ₄ Y ₆ (SiO ₄) ₆ O: Ce ³⁺ /Mn ²⁺ /Tb ³⁺ phosphor: luminescence and energy transfer. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 296-305	9.5	204
486	Intelligent Hollow Pt-CuS Janus Architecture for Synergistic Catalysis-Enhanced Sonodynamic and Photothermal Cancer Therapy. <i>Nano Letters</i> , 2019 , 19, 4134-4145	11.5	201
485	Highly Efficient Blue Emission and Superior Thermal Stability of BaAl ₁₂ O ₁₉ :Eu ²⁺ Phosphors Based on Highly Symmetric Crystal Structure. <i>Chemistry of Materials</i> , 2018 , 30, 2389-2399	9.6	201
484	Tailored Synthesis of Octopus-type Janus Nanoparticles for Synergistic Actively-Targeted and Chemo-Photothermal Therapy. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2118-21	16.4	199
483	Color Tuning Luminescence of Ce ³⁺ /Mn ²⁺ /Tb ³⁺ -Triactivated Mg ₂ Y ₈ (SiO ₄) ₆ O ₂ via Energy Transfer: Potential Single-Phase White-Light-Emitting Phosphors. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 21882-21892	3.8	199
482	Poly(Acrylic Acid) Modification of Nd ³⁺ -Sensitized Upconversion Nanophosphors for Highly Efficient UCL Imaging and pH-Responsive Drug Delivery. <i>Advanced Functional Materials</i> , 2015 , 25, 4717-4729	15.6	196

481	Electrospinning Derived One-Dimensional LaOCl: Ln ³⁺ (Ln = Eu/Sm, Tb, Tm) Nanofibers, Nanotubes and Microbelts with Multicolor-Tunable Emission Properties. <i>Advanced Functional Materials</i> , 2010 , 20, 3446-3456	15.6	196
480	Blue Emitting Ca ₈ La ₂ (PO ₄) ₆ O ₂ :Ce ³⁺ /Eu ²⁺ Phosphors with High Color Purity and Brightness for White LED: Soft-Chemical Synthesis, Luminescence, and Energy Transfer Properties. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 10222-10231	3.8	195
479	808-nm-Light-Excited Lanthanide-Doped Nanoparticles: Rational Design, Luminescence Control and Theranostic Applications. <i>Advanced Materials</i> , 2017 , 29, 1605434	24	189
478	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
477	A Hollow-Structured CuS@Cu ₂ S@Au Nanohybrid: Synergistically Enhanced Photothermal Efficiency and Photoswitchable Targeting Effect for Cancer Theranostics. <i>Advanced Materials</i> , 2017 , 29, 1701266	24	189
476	A novel greenish yellow-orange red Ba ₃ Y ₄ O ₉ :Bi(3+),Eu(3+) phosphor with efficient energy transfer for UV-LEDs. <i>Dalton Transactions</i> , 2015 , 44, 20542-50	4.3	184
475	Multifunctional Up-Converting Nanocomposites with Smart Polymer Brushes Gated Mesopores for Cell Imaging and Thermo/pH Dual-Responsive Drug Controlled Release. <i>Advanced Functional Materials</i> , 2013 , 23, 4067-4078	15.6	183
474	Tumor Microenvironment-Responsive Mesoporous MnO ₂ -Coated Upconversion Nanoplatfor for Self-Enhanced Tumor Theranostics. <i>Advanced Functional Materials</i> , 2018 , 28, 1803804	15.6	182
473	Large-Pore Mesoporous-Silica-Coated Upconversion Nanoparticles as Multifunctional Immunoadjuvants with Ultrahigh Photosensitizer and Antigen Loading Efficiency for Improved Cancer Photodynamic Immunotherapy. <i>Advanced Materials</i> , 2018 , 30, e1802479	24	176
472	An imaging-guided platform for synergistic photodynamic/photothermal/chemo-therapy with pH/temperature-responsive drug release. <i>Biomaterials</i> , 2015 , 63, 115-27	15.6	175
471	Integration of Upconversion Nanoparticles and Ultrathin Black Phosphorus for Efficient Photodynamic Theranostics under 808 nm Near-Infrared Light Irradiation. <i>Chemistry of Materials</i> , 2016 , 28, 4724-4734	9.6	174
470	New strategy for designing orangish-red-emitting phosphor via oxygen-vacancy-induced electronic localization. <i>Light: Science and Applications</i> , 2019 , 8, 15	16.7	173
469	Recent Progress in Near Infrared Light Triggered Photodynamic Therapy. <i>Small</i> , 2017 , 13, 1702299	11	171
468	White light emission from Eu ³⁺ in CaIn ₂ O ₄ host lattices. <i>Applied Physics Letters</i> , 2007 , 90, 081904	3.4	169
467	Manganese Oxide Nanomaterials: Synthesis, Properties, and Theranostic Applications. <i>Advanced Materials</i> , 2020 , 32, e1905823	24	166
466	Recent advances in near-infrared emitting lanthanide-doped nanoconstructs: Mechanism, design and application for bioimaging. <i>Coordination Chemistry Reviews</i> , 2019 , 381, 104-134	23.2	165
465	A New Single 808 nm NIR Light-Induced Imaging-Guided Multifunctional Cancer Therapy Platform. <i>Advanced Functional Materials</i> , 2015 , 25, 3966-3976	15.6	163
464	Electrospinning Preparation and Drug-Delivery Properties of an Up-conversion Luminescent Porous NaYF ₄ :Yb ³⁺ , Er ³⁺ @Silica Fiber Nanocomposite. <i>Advanced Functional Materials</i> , 2011 , 21, 2356-2365	15.6	154

463	Multifunctional upconversion mesoporous silica nanostructures for dual modal imaging and in vivo drug delivery. <i>Small</i> , 2013 , 9, 4150-9	11	153
462	Color-Tunable Luminescence and Energy Transfer Properties of Ca ₉ Mg(PO ₄) ₆ F ₂ :Eu ²⁺ , Mn ²⁺ Phosphors for UV-LEDs. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 11026-11034	3.8	151
461	Tunable multicolor and bright white emission of one-dimensional NaLuF ₄ :Yb ³⁺ ,Ln ³⁺ (Ln = Er, Tm, Ho, Er/Tm, Tm/Ho) microstructures. <i>Journal of Materials Chemistry</i> , 2012 , 22, 10889		151
460	808nm Light-triggered and hyaluronic acid-targeted dual-photosensitizers nanoplatform by fully utilizing Nd(3+)-sensitized upconversion emission with enhanced anti-tumor efficacy. <i>Biomaterials</i> , 2016 , 101, 32-46	15.6	150
459	Sr ₂ Y ₈ (SiO ₄) ₆ O ₂ :Bi ³⁺ /Eu ³⁺ : a single-component white-emitting phosphor via energy transfer for UV w-LEDs. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 9989-9998	7.1	149
458	Rare earth ions doped phosphors for improving efficiencies of solar cells. <i>Energy</i> , 2013 , 57, 270-283	7.9	146
457	Ultra-small BaGdF ₅ -based upconversion nanoparticles as drug carriers and multimodal imaging probes. <i>Biomaterials</i> , 2014 , 35, 2011-23	15.6	143
456	Design and Synthesis of Multifunctional Drug Carriers Based on Luminescent Rattle-Type Mesoporous Silica Microspheres with a Thermosensitive Hydrogel as a Controlled Switch. <i>Advanced Functional Materials</i> , 2012 , 22, 1470-1481	15.6	141
455	NaYF ₄ and NaYF ₄ :Eu ³⁺ Microstructures: Morphology Control and Tunable Luminescence Properties. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 2332-2339	3.8	139
454	Concentration-induced multi-colored emissions in carbon dots: origination from triple fluorescent centers. <i>Nanoscale</i> , 2018 , 10, 6734-6743	7.7	138
453	Enhanced Antitumor Efficacy by 808 nm Laser-Induced Synergistic Photothermal and Photodynamic Therapy Based on a Indocyanine-Green-Attached W18O ₄₉ Nanostructure. <i>Advanced Functional Materials</i> , 2015 , 25, 7280-7290	15.6	138
452	Self-Assembled 3D Urchin-Like NaY(MoO ₄) ₂ :Eu ³⁺ /Tb ³⁺ Microarchitectures: Hydrothermal Synthesis and Tunable Emission Colors. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 2573-2582	3.8	137
451	LaGaO ₃ :A (A = Sm ³⁺ and/or Tb ³⁺) as promising phosphors for field emission displays. <i>Journal of Materials Chemistry</i> , 2008 , 18, 221-228		137
450	Yolk-Shell Structured Au Nanostar@Metal-Organic Framework for Synergistic Chemo-photothermal Therapy in the Second Near-Infrared Window. <i>Nano Letters</i> , 2019 , 19, 6772-6780	11.5	135
449	Nanocrystalline CaYAlO ₄ :Tb ³⁺ /Eu ³⁺ as promising phosphors for full-color field emission displays. <i>Dalton Transactions</i> , 2012 , 41, 3078-86	4.3	135
448	GSH-Depleted Nanozymes with Hyperthermia-Enhanced Dual Enzyme-Mimic Activities for Tumor Nanocatalytic Therapy. <i>Advanced Materials</i> , 2020 , 32, e2002439	24	135
447	g-C ₃ N ₄ Coated Upconversion Nanoparticles for 808 nm Near-Infrared Light Triggered Phototherapy and Multiple Imaging. <i>Chemistry of Materials</i> , 2016 , 28, 7935-7946	9.6	135
446	Crystal-site engineering control for the reduction of Eu(3+) to Eu(2+) in CaYAlO ₄ : structure refinement and tunable emission properties. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 2715-25	9.5	133

445	Up-Conversion Luminescent and Porous NaYF ₄ :Yb ³⁺ , Er ³⁺ @SiO ₂ Nanocomposite Fibers for Anti-Cancer Drug Delivery and Cell Imaging. <i>Advanced Functional Materials</i> , 2012 , 22, 2713-2722	15.6	133
444	Tunable Luminescence Properties of CaIn ₂ O ₄ :Eu ³⁺ Phosphors. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 16601-16607	3.8	130
443	Recent progress in low-voltage cathodoluminescent materials: synthesis, improvement and emission properties. <i>Chemical Society Reviews</i> , 2014 , 43, 7099-131	58.5	128
442	A double substitution of Mg ²⁺ -Si ⁴⁺ /Ge ⁴⁺ for Al ⁽¹⁾ (3+)-Al ⁽²⁾ 3+ in Ce ³⁺ -doped garnet phosphor for white LEDs. <i>Inorganic Chemistry</i> , 2014 , 53, 7748-55	5.1	127
441	Recent Advances in Nanomaterial-Assisted Combinational Sonodynamic Cancer Therapy. <i>Advanced Materials</i> , 2020 , 32, e2003214	24	126
440	Host-sensitized luminescence properties in CaNb ₂ O ₆ :Ln ⁽³⁺⁾ (Ln ⁽³⁺⁾ = Eu ⁽³⁺⁾ /Tb ⁽³⁺⁾ /Dy ⁽³⁺⁾ /Sm ⁽³⁺⁾) phosphors with abundant colors. <i>Inorganic Chemistry</i> , 2015 , 54, 323-33	5.1	124
439	One-dimensional CaWO ₄ and CaWO ₄ :Tb ³⁺ nanowires and nanotubes: electrospinning preparation and luminescent properties. <i>Journal of Materials Chemistry</i> , 2009 , 19, 2737		122
438	High-efficiency and thermally stable far-red-emitting NaLaMgWO:Mn phosphors for indoor plant growth light-emitting diodes. <i>Optics Letters</i> , 2018 , 43, 3305-3308	3	119
437	Hydrothermal derived LaOF:Ln ³⁺ (Ln = Eu, Tb, Sm, Dy, Tm, and/or Ho) nanocrystals with multicolor-tunable emission properties. <i>Inorganic Chemistry</i> , 2012 , 51, 11106-16	5.1	119
436	Tunable luminescence in Ce ³⁺ , Mn ²⁺ -codoped calcium fluorapatite through combining emissions and modulation of excitation: a novel strategy to white light emission. <i>Journal of Materials Chemistry</i> , 2010 , 20, 6674		119
435	Facile and controllable synthesis of monodisperse CaF ₂ and CaF ₂ :Ce ³⁺ /Tb ³⁺ hollow spheres as efficient luminescent materials and smart drug carriers. <i>Chemistry - A European Journal</i> , 2010 , 16, 5672-80	4.8	117
434	Upconversion-mediated ZnFeO nanoplatform for NIR-enhanced chemodynamic and photodynamic therapy. <i>Chemical Science</i> , 2019 , 10, 4259-4271	9.4	116
433	Tm ³⁺ and/or Dy ³⁺ doped LaOCl nanocrystalline phosphors for field emission displays. <i>Journal of Materials Chemistry</i> , 2009 , 19, 8936		116
432	Energy transfer and tunable luminescence properties of Eu ³⁺ in TbBO ₃ microspheres via a facile hydrothermal process. <i>Inorganic Chemistry</i> , 2008 , 47, 7262-70	5.1	115
431	A Single 808 nm Near-Infrared Light-Mediated Multiple Imaging and Photodynamic Therapy Based on Titania Coupled Upconversion Nanoparticles. <i>Chemistry of Materials</i> , 2015 , 27, 7957-7968	9.6	114
430	Self-assembled 3D architectures of LuBO ₃ :Eu ⁽³⁺⁾ : phase-selective synthesis, growth mechanism, and tunable luminescent properties. <i>Chemistry - A European Journal</i> , 2008 , 14, 4336-45	4.8	113
429	Color-tunable emission and energy transfer in Ca ₃ Gd ₇ (PO ₄)(SiO ₄) ₅ O ₂ : Ce ³⁺ /Tb ³⁺ /Mn ²⁺ phosphors. <i>Inorganic Chemistry</i> , 2012 , 51, 11655-64	5.1	112
428	Rational design of multifunctional upconversion nanocrystals/polymer nanocomposites for cisplatin (IV) delivery and biomedical imaging. <i>Advanced Materials</i> , 2013 , 25, 4898-905	24	111

427	Functional nanomaterials for near-infrared-triggered cancer therapy. <i>Biomaterials Science</i> , 2016 , 4, 890-909	10.9	109
426	A Novel Pt@TiO ₂ Heterostructure with Oxygen-Deficient Layer as Bilaterally Enhanced Sonosensitizer for Synergistic Chemo-Sonodynamic Cancer Therapy. <i>Advanced Functional Materials</i> , 2020 , 30, 1908598	15.6	108
425	Reduction of Eu ³⁺ to Eu ²⁺ in MA ₂ Si ₂ O ₈ (M=Ca, Sr, Ba) in air condition. <i>Journal of Solid State Chemistry</i> , 2009 , 182, 1673-1678	3.3	108
424	MnO Nanospikes as Nanoadjuvants and Immunogenic Cell Death Drugs with Enhanced Antitumor Immunity and Antimetastatic Effect. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 16381-16384	16.4	106
423	AuPt-PEG-Ce6 nanoformulation with dual nanozyme activities for synergistic chemodynamic therapy / phototherapy. <i>Biomaterials</i> , 2020 , 252, 120093	15.6	104
422	Multifunctional Anticancer Platform for Multimodal Imaging and Visible Light Driven Photodynamic/Photothermal Therapy. <i>Chemistry of Materials</i> , 2015 , 27, 1751-1763	9.6	104
421	Single-Atom Pd Nanozyme for Ferroptosis-Boosted Mild-Temperature Photothermal Therapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 12971-12979	16.4	101
420	A facile fabrication of upconversion luminescent and mesoporous core-shell structured [NaYF ₄ :Yb, Er@mSiO ₂] nanocomposite spheres for anti-cancer drug delivery and cell imaging. <i>Biomaterials Science</i> , 2013 , 1, 213-223	7.4	97
419	A simple method to synthesize [Ga ₂ O ₃] nanorods and their photoluminescence properties. <i>Journal of Crystal Growth</i> , 2005 , 280, 99-106	1.6	97
418	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
417	Recent Advances in Glucose-Oxidase-Based Nanocomposites for Tumor Therapy. <i>Small</i> , 2019 , 15, e1903895	9.5	97
416	One-dimensional luminescent materials derived from the electrospinning process: preparation, characteristics and application. <i>Journal of Materials Chemistry</i> , 2012 , 22, 5254		96
415	Deep red MGe ₄ O ₉ :Mn ⁴⁺ (M = Sr, Ba) phosphors: structure, luminescence properties and application in warm white light emitting diodes. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 6409-6416	7.1	95
414	Hollow Structured Y ₂ O ₃ :Yb/Er@xS Nanospheres with Controllable Size for Simultaneous Chemo/Photothermal Therapy and Bioimaging. <i>Chemistry of Materials</i> , 2015 , 27, 483-496	9.6	95
413	Inorganic nanocarriers for platinum drug delivery. <i>Materials Today</i> , 2015 , 18, 554-564	21.8	94
412	Uniform colloidal alkaline earth metal fluoride nanocrystals: nonhydrolytic synthesis and luminescence properties. <i>Inorganic Chemistry</i> , 2008 , 47, 9509-17	5.1	94
411	Designed synthesis, morphology evolution and enhanced photoluminescence of a highly efficient red dodec-fluoride phosphor, Li ₃ Na ₃ Ga ₂ F ₁₂ :Mn ⁴⁺ , for warm WLEDs. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 491-499	7.1	94
410	Doxorubicin conjugated NaYF ₄ :Yb(3+)/Tm(3+) nanoparticles for therapy and sensing of drug delivery by luminescence resonance energy transfer. <i>Biomaterials</i> , 2012 , 33, 8704-13	15.6	93

409	MnO ₂ -Disguised Upconversion Hybrid Nanocomposite: An Ideal Architecture for Tumor Microenvironment-Triggered UCL/MR Bioimaging and Enhanced Chemodynamic Therapy. <i>Chemistry of Materials</i> , 2019 , 31, 2651-2660	9.6	92
408	Tunable luminescence and energy transfer properties of Ca ₅ (PO ₄) ₂ SiO ₄ :Ce ³⁺ /Tb ³⁺ /Mn ²⁺ phosphors. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 2345	7.1	92
407	Tunable luminescence and energy transfer properties in Ca ₈ MgLu(PO ₄) ₇ :Ce ³⁺ ,Tb ³⁺ ,Mn ²⁺ phosphors. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 4471-4481	7.1	92
406	Gelatin-encapsulated iron oxide nanoparticles for platinum (IV) prodrug delivery, enzyme-stimulated release and MRI. <i>Biomaterials</i> , 2014 , 35, 6359-68	15.6	92
405	CaGdAlO ₄ :Tb ³⁺ /Eu ³⁺ as promising phosphors for full-color field emission displays. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 9924-9933	7.1	91
404	Facile Synthesis of Highly Uniform Fe-MIL-88B Particles. <i>Crystal Growth and Design</i> , 2016 , 16, 3565-3568	3.5	90
403	Monodispersed Copper(I)-Based Nano Metal-Organic Framework as a Biodegradable Drug Carrier with Enhanced Photodynamic Therapy Efficacy. <i>Advanced Science</i> , 2019 , 6, 1900848	13.6	89
402	Host-sensitized luminescence in LaNbO ₄ :Ln(3+) (Ln(3+) = Eu(3+)/Tb(3+)/Dy(3+)) with different emission colors. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 4283-92	3.6	89
401	DNA-Hybrid-Gated Photothermal Mesoporous Silica Nanoparticles for NIR-Responsive and Aptamer-Targeted Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 20696-706	9.5	88
400	Room temperature synthesis of hydrophilic Ln(3+)-doped KGdF ₄ (Ln = Ce, Eu, Tb, Dy) nanoparticles with controllable size: energy transfer, size-dependent and color-tunable luminescence properties. <i>Nanoscale</i> , 2012 , 4, 3450-9	7.7	87
399	Influence of Anion/Cation Substitution (Sr ²⁺ -iBa ²⁺ , Al ³⁺ -iSi ⁴⁺ , N ₃ BiO ₂) on Phase Transformation and Luminescence Properties of Ba ₃ Si ₆ O ₁₅ :Eu ²⁺ Phosphors. <i>Chemistry of Materials</i> , 2017 , 29, 1813-1829	9.6	86
398	Morphological control and luminescence properties of lanthanide orthovanadate LnVO ₄ (Ln = La to Lu) nano-/microcrystals via hydrothermal process. <i>CrystEngComm</i> , 2011 , 13, 474-482	3.3	85
397	Organocatalyzed Photocontrolled Radical Polymerization of Semifluorinated (Meth)acrylates Driven by Visible Light. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 333-337	16.4	85
396	Photoluminescence properties of single-component white-emitting Ca ₉ Bi(PO ₄) ₇ :Ce ³⁺ ,Tb ³⁺ ,Mn ²⁺ phosphors for UV LEDs. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 7096-7104	7.1	84
395	Synthesis and Luminescent Properties of LaAlO ₃ :RE ³⁺ (RE = Tm, Tb) Nanocrystalline Phosphors via a Sol-Gel Process. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 8478-8483	3.8	84
394	Recent Advances in Bismuth Ion-Doped Phosphor Materials: Structure Design, Tunable Photoluminescence Properties, and Application in White LEDs. <i>Advanced Optical Materials</i> , 2020 , 8, 1901993	8.1	82
393	Three-component stereoselective synthesis of spirooxindole derivatives. <i>Green Chemistry</i> , 2013 , 15, 453-462	4.6	82
392	Facile synthesis of an up-conversion luminescent and mesoporous Gd ₂ O ₃ : Er ³⁺ @nSiO ₂ @mSiO ₂ nanocomposite as a drug carrier. <i>Nanoscale</i> , 2011 , 3, 661-7	7.7	81

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390	Multifunctional NaYF ₄ :Yb, Er@SiO ₂ @Fe ₃ O ₄ -PEG nanoparticles for UCL/MR bioimaging and magnetically targeted drug delivery. <i>Nanoscale</i> , 2015 , 7, 1839-48	7.7	80
389	Heterocyclic Ketene Aminals: Scaffolds for Heterocycle Molecular Diversity. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 1129-1145	3.2	80
388	Yolk-Structured Upconversion Nanoparticles with Biodegradable Silica Shell for FRET Sensing of Drug Release and Imaging-Guided Chemotherapy. <i>Chemistry of Materials</i> , 2017 , 29, 7615-7628	9.6	80
387	Multifunctional hydroxyapatite nanofibers and microbelts as drug carriers. <i>Chemistry - A European Journal</i> , 2009 , 15, 6973-82	4.8	80
386	Glutathione Mediated Size-Tunable UCNPs-Pt(IV)-ZnFe O Nanocomposite for Multiple Bioimaging Guided Synergetic Therapy. <i>Small</i> , 2018 , 14, e1703809	11	79
385	Rational Design of Multifunctional Fe@Fe O @H-TiO Nanocomposites with Enhanced Magnetic and Photoconversion Effects for Wide Applications: From Photocatalysis to Imaging-Guided Photothermal Cancer Therapy. <i>Advanced Materials</i> , 2018 , 30, e1706747	24	79
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383	Glutathione and H ₂ O ₂ consumption promoted photodynamic and chemotherapy based on biodegradable MnO ₂ @Pt@Au ₂₅ nanosheets. <i>Chemical Engineering Journal</i> , 2019 , 356, 543-553	14.7	78
382	(Zn, Mg) ₂ GeO ₄ :Mn ²⁺ submicrorods as promising green phosphors for field emission displays: hydrothermal synthesis and luminescence properties. <i>Dalton Transactions</i> , 2011 , 40, 9379-87	4.3	77
381	Patterning of YVO ₄ :Eu ³⁺ Luminescent Films by Soft Lithography. <i>Advanced Functional Materials</i> , 2011 , 21, 456-463	15.6	77
380	Synthesis and Luminescent Properties of GdNbO ₄ :RE ³⁺ (RE = Tm, Dy) Nanocrystalline Phosphors via the Sol-Gel Process. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 21972-21980	3.8	76
379	An efficient rare-earth free deep red emitting phosphor for improving the color rendering of white light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 2927-2935	7.1	75
378	Highly Luminescent Lead Halide Perovskite Quantum Dots in Hierarchical CaF ₂ Matrices with Enhanced Stability as Phosphors for White Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2018 , 6, 1701343	8.1	75
377	Multifunctional UCNPs@PDA-ICG nanocomposites for upconversion imaging and combined photothermal/photodynamic therapy with enhanced antitumor efficacy. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 4884-4894	7.3	74
376	Resonance Emission Enhancement (REE) for Narrow Band Red-Emitting AGeF:Mn (A = Na, K, Rb, Cs) Phosphors Synthesized via a Precipitation-Cation Exchange Route. <i>Inorganic Chemistry</i> , 2017 , 56, 11900-11910	5.1	74
375	Preparation and luminescence properties of Ce ³⁺ and/or Tb ³⁺ doped LaPO ₄ nanofibers and microbelts by electrospinning. <i>Journal of Solid State Chemistry</i> , 2009 , 182, 698-708	3.3	74
374	Architectures of strontium hydroxyapatite microspheres: solvothermal synthesis and luminescence properties. <i>Langmuir</i> , 2009 , 25, 13591-8	4	74

373	Controllable Generation of Free Radicals from Multifunctional Heat-Responsive Nanoplatform for Targeted Cancer Therapy. <i>Chemistry of Materials</i> , 2018 , 30, 526-539	9.6	73
372	Photoluminescence tuning of Ca ₅ (PO ₄) ₃ Cl:Ce ³⁺ /Eu ²⁺ , Tb ³⁺ /Mn ²⁺ phosphors: structure refinement, site occupancy, energy transfer and thermal stability. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 1281-1294	7.1	73
371	Three-component solvent-free synthesis of highly substituted bicyclic pyridines containing a ring-junction nitrogen. <i>Green Chemistry</i> , 2010 , 12, 2043	10	73
370	Hyperthermia and Controllable Free Radical Coenhanced Synergistic Therapy in Hypoxia Enabled by Near-Infrared-II Light Irradiation. <i>ACS Nano</i> , 2019 , 13, 13144-13160	16.7	72
369	Electrospun upconversion composite fibers as dual drugs delivery system with individual release properties. <i>Langmuir</i> , 2013 , 29, 9473-82	4	72
368	O-Cu/ZIF-8@Ce ₆ /ZIF-8@F127 Composite as a Tumor Microenvironment-Responsive Nanoplatform with Enhanced Photo-/Chemodynamic Antitumor Efficacy. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 31671-31680	9.5	71
367	Yellow/Orange-Emitting ABZn ₂ Ga ₂ O ₇ :Bi ³⁺ (A = Ca, Sr; B = Ba, Sr) Phosphors: Optical Temperature Sensing and White Light-Emitting Diode Applications. <i>Chemistry of Materials</i> , 2020 , 32, 3065-3077	9.6	70
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365	Rapid, large-scale, morphology-controllable synthesis of YOF:Ln ³⁺ (Ln = Tb, Eu, Tm, Dy, Ho, Sm) nano-/microstructures with multicolor-tunable emission properties. <i>Inorganic Chemistry</i> , 2013 , 52, 12986-12994	5.4	69
364	Design, preparation, and optimized luminescence of a dodec-fluoride phosphor Li ₃ Na ₃ Al ₂ F ₁₂ :Mn ⁴⁺ for warm WLED applications. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 10241-10250	7.1	69
363	O ₂ -Loaded pH-Responsive Multifunctional Nanodrug Carrier for Overcoming Hypoxia and Highly Efficient Chemo-Photodynamic Cancer Therapy. <i>Chemistry of Materials</i> , 2019 , 31, 483-490	9.6	69
362	Recent Advances in Hyperthermia Therapy-Based Synergistic Immunotherapy. <i>Advanced Materials</i> , 2021 , 33, e2004788	24	69
361	Thermally stable and highly efficient red-emitting Eu-doped CsGdGeO phosphors for WLEDs: non-concentration quenching and negative thermal expansion. <i>Light: Science and Applications</i> , 2021 , 10, 29	16.7	69
360	New advances on the marrying of UCNPs and photothermal agents for imaging-guided diagnosis and the therapy of tumors. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 2209-2230	7.3	68
359	Poly(acrylic acid)-modified Fe ₃ O ₄ microspheres for magnetic-targeted and pH-triggered anticancer drug delivery. <i>Chemistry - A European Journal</i> , 2012 , 18, 15676-82	4.8	68
358	Hydrogenated Titanium Oxide Decorated Upconversion Nanoparticles: Facile Laser Modified Synthesis and 808 nm Near-Infrared Light Triggered Phototherapy. <i>Chemistry of Materials</i> , 2019 , 31, 774-784	9.6	68
357	Room-temperature synthesis and optimized photoluminescence of a novel red phosphor NaKSnF ₆ :Mn ⁴⁺ for application in warm WLEDs. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 9255-9263	7.1	67
356	Facile and mass production synthesis of [NaYF ₄ :Yb ³⁺ , Er ³⁺ /Tm ³⁺ 1D microstructures with multicolor up-conversion luminescence. <i>Chemical Communications</i> , 2011 , 47, 12143-5	5.8	67

355	One-Pot Synthesis of DOX@Covalent Organic Framework with Enhanced Chemotherapeutic Efficacy. <i>Chemistry - A European Journal</i> , 2019 , 25, 4315-4319	4.8	66
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352	Synthesis and Luminescence Properties of YNbO ₄ :A (A = Eu ³⁺ and/or Tb ³⁺) Nanocrystalline Phosphors via a Sol-Gel Process. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 27516-27524	3.8	65
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348	Bioresponsive and near infrared photon co-enhanced cancer theranostic based on upconversion nanocapsules. <i>Chemical Science</i> , 2018 , 9, 3233-3247	9.4	62
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