

Xueyuan Chen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

265
papers

18,012
citations

65
h-index

127
g-index

290
ext. papers

20,404
ext. citations

8.4
avg, IF

6.84
L-index

#	Paper	IF	Citations
265	Boosting the Self-Trapped Exciton Emission in Alloyed Cs (Ag/Na)InCl Double Perovskite via Cu Doping.. <i>Advanced Science</i> , 2022 , e2103724	13.6	12
264	Dual-Band-Tunable White-Light Emission from Bi ³⁺ /Te ⁴⁺ Emitters in Perovskite-Derivative Cs ₂ SnCl ₆ Microcrystals.. <i>Angewandte Chemie - International Edition</i> , 2022 ,	16.4	10
263	A new class of luminescent nanoprobes based on main-group Sb ³⁺ emitters. <i>Nano Research</i> , 2022 , 15, 179	10	5
262	Polarized Upconversion Luminescence from a Single NaYF ₄ :Yb ³⁺ /Er ³⁺ Microrod for Orientation Tracking?. <i>Acta Chimica Sinica</i> , 2022 , 80, 244	3.3	
261	Development of a new type of multi-functional mechanochromic luminescence material by infusing a phenyl rotator into the structure of 3,4-diphenylmaleic anhydride. <i>New Journal of Chemistry</i> , 2022 , 46, 6765-6774	3.6	
260	Development of Rofecoxib-Based Fluorophores from ACQ to AIE by Positional Regioisomerization.. <i>ChemPlusChem</i> , 2022 , e202100522	2.8	0
259	Morphology-dependent Photoelectric Properties and Photocatalytic CO ₂ Reduction of Zinc Porphyrin Nanocrystals. <i>Crystal Growth and Design</i> , 2022 , 22, 2620-2627	3.5	2
258	Compact ultrabroadband light-emitting diodes based on lanthanide-doped lead-free double perovskites.. <i>Light: Science and Applications</i> , 2022 , 11, 52	16.7	21
257	Highly efficient Sb ³⁺ emitters in 0D cesium indium chloride nanocrystals with switchable photoluminescence through water-triggered structural transformation. <i>Nano Today</i> , 2022 , 44, 101460	17.9	7
256	Thermally boosted upconversion and downshifting luminescence in Sc(MoO):Yb/Er with two-dimensional negative thermal expansion.. <i>Nature Communications</i> , 2022 , 13, 2090	17.4	9
255	A Novel Near-infrared Responsive Lanthanide Upconversion Nanoplatforrm for Drug Delivery Based on Photocleavage of Cypate?. <i>Acta Chimica Sinica</i> , 2022 , 80, 423	3.3	1
254	Precise Molecular Design of a Pair of New Regioisomerized Fluorophores With Opposite Fluorescent Properties.. <i>Frontiers in Chemistry</i> , 2021 , 9, 823519	5	
253	Enhancing Dye-Triplet-Sensitized Upconversion Emission Through the Heavy-Atom Effect in CsLu F :Yb/Er Nanoprobes. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	3
252	Lanthanide nanoparticles ignite dark molecular triplets. <i>Science China Chemistry</i> , 2021 , 64, 511-512	7.9	
251	Engineering the Bandgap and Surface Structure of CsPbCl Nanocrystals to Achieve Efficient Ultraviolet Luminescence. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9693-9698	16.4	10
250	Engineering the Bandgap and Surface Structure of CsPbCl ₃ Nanocrystals to Achieve Efficient Ultraviolet Luminescence. <i>Angewandte Chemie</i> , 2021 , 133, 9779-9784	3.6	2
249	Tailoring the Broadband Emission in All-Inorganic Lead-Free 0D In-Based Halides through Sb ³⁺ Doping. <i>Advanced Optical Materials</i> , 2021 , 9, 2100434	8.1	15

248	A new class of nitrobenzoic acid-based AIE photosensitizers for highly efficient photodynamic antibacterial therapy. <i>Science China Materials</i> , 2021 , 64, 2601-2612	7.1	4
247	Controllable Synthesis and Effects of Porphyrin Copper Nanostructures on Photoelectric Properties. <i>Crystal Growth and Design</i> , 2021 , 21, 3582-3591	3.5	2
246	Synergistic Lysozyme-Photodynamic Therapy Against Resistant Bacteria based on an Intelligent Upconversion Nanoplatfom. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 19201-19206	16.4	10
245	A strategy for enhanced tumor targeting of photodynamic therapy based on Escherichia coli-driven drug delivery system. <i>Science China Materials</i> , 2021 , 64, 232-240	7.1	6
244	A New Class of NIR-II Gold Nanocluster-Based Protein Biolabels for In Vivo Tumor-Targeted Imaging. <i>Angewandte Chemie</i> , 2021 , 133, 1326-1332	3.6	5
243	A New Class of NIR-II Gold Nanocluster-Based Protein Biolabels for In Vivo Tumor-Targeted Imaging. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 1306-1312	16.4	54
242	Ultrasensitive Point-of-Care Test for Tumor Marker in Human Saliva Based on Luminescence-Amplification Strategy of Lanthanide Nanoprobos. <i>Advanced Science</i> , 2021 , 8, 2002657	13.6	10
241	The effect of surface-capping oleic acid on the optical properties of lanthanide-doped nanocrystals. <i>Nanoscale</i> , 2021 , 13, 12494-12504	7.7	3
240	Enhancing multiphoton upconversion emissions through confined energy migration in lanthanide-doped CsNaYF nanoplatelets. <i>Nanoscale</i> , 2021 , 13, 9766-9772	7.7	1
239	A general strategy via charge transfer sensitization to achieve efficient NIR luminescence in lanthanide-doped NaGdS ₂ nanocrystals. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 5148-5153	7.1	4
238	Recent advances in design of lanthanide-containing NIR-II luminescent nanoprobos. <i>IScience</i> , 2021 , 24, 102062	6.1	17
237	Colloidal Alloyed Quantum Dots with Enhanced Photoluminescence Quantum Yield in the NIR-II Window. <i>Journal of the American Chemical Society</i> , 2021 , 143, 2601-2607	16.4	41
236	One-Step Transformation from Rofecoxib to a COX-2 NIR Probe for Human Cancer Tissue/Organoid Targeted Bioimaging.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 2723-2731	4.1	6
235	Ytterbium-Doped CsPbCl Quantum Cutters for Near-Infrared Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 34561-34571	9.5	12
234	Realization of vis-NIR Dual-Modal Circularly Polarized Light Detection in Chiral Perovskite Bulk Crystals. <i>Journal of the American Chemical Society</i> , 2021 , 143, 14077-14082	16.4	22
233	Unusual Temperature Dependence of Bandgap in 2D Inorganic Lead-Halide Perovskite Nanoplatelets. <i>Advanced Science</i> , 2021 , 8, e2100084	13.6	7
232	Preselectable Optical Fingerprints of Heterogeneous Upconversion Nanoparticles. <i>Nano Letters</i> , 2021 , 21, 7659-7668	11.5	10
231	Rapid and accurate detection of phosphate in complex biological fluids based on highly improved antenna sensitization of lanthanide luminescence. <i>Talanta</i> , 2021 , 231, 122243	6.2	1

230	Direct photoinduced synthesis of lead halide perovskite nanocrystals and nanocomposites. <i>Nano Today</i> , 2021 , 39, 101179	17.9	7
229	Synergistic Lysozyme-Photodynamic Therapy Against Resistant Bacteria based on an Intelligent Upconversion Nanoplatfrom. <i>Angewandte Chemie</i> , 2021 , 133, 19350-19355	3.6	1
228	Development of Rofecoxib-Based Fluorescent Probes and Investigations on Their Solvatochromism, AIE Activity, Mechanochromism, and COX-2-Targeted Bioimaging. <i>Analytical Chemistry</i> , 2021 , 93, 11991-12000	7.8	3
227	Luminescent lanthanide metal-organic framework nanopores: from fundamentals to bioapplications. <i>Nanoscale</i> , 2020 , 12, 15021-15035	7.7	28
226	Accurate detection of hCG in women's serum and cervical secretions for predicting early pregnancy viability based on time-resolved luminescent lanthanide nanopores. <i>Nanoscale</i> , 2020 , 12, 6729-6735	7.7	6
225	A solid-state colorimetric fluorescence Pb-sensing scheme: mechanically-driven CsPbBr nanocrystallization in glass. <i>Nanoscale</i> , 2020 , 12, 8801-8808	7.7	10
224	Multiplexed intracellular detection based on dual-excitation/dual-emission upconversion nanopores. <i>Nano Research</i> , 2020 , 13, 1955-1961	10	10
223	Plasmon-driven N ₂ photofixation in pure water over MoO ₃ nanosheets under visible to NIR excitation. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 2827-2835	13	22
222	Theranostic nanobubble encapsulating a plasmon-enhanced upconversion hybrid nanosystem for cancer therapy. <i>Theranostics</i> , 2020 , 10, 782-796	12.1	25
221	Combined In Situ Spectroscopies Reveal the Ligand Ordering-Modulated Photoluminescence of Upconverting Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 23086-23093	3.8	3
220	Unveiling the Excited-State Dynamics of Mn in 0D CsPbCl Perovskite Nanocrystals. <i>Advanced Science</i> , 2020 , 7, 2002210	13.6	32
219	Broadband excitable NIR-II luminescent nano-bioprobes based on CuInSe ₂ quantum dots for the detection of circulating tumor cells. <i>Nano Today</i> , 2020 , 35, 100943	17.9	28
218	Energy transfer designing in lanthanide-doped upconversion nanoparticles. <i>Chemical Communications</i> , 2020 , 56, 15118-15132	5.8	6
217	In situ confined growth of ultrasmall perovskite quantum dots in metal-organic frameworks and their quantum confinement effect. <i>Nanoscale</i> , 2020 , 12, 17113-17120	7.7	13
216	Micro-Heterogeneous Annihilation Dynamics of Self-Trapped Excitons in Hematite Single Crystals. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 7867-7873	6.4	9
215	A Dual-Excitation Decoding Strategy Based on NIR Hybrid Nanocomposites for High-Accuracy Thermal Sensing. <i>Advanced Science</i> , 2020 , 7, 2001589	13.6	12
214	Efficient Luminescence from CsPbBr Nanoparticles Embedded in CsPbBr. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 7637-7642	6.4	15
213	One-dimensional nanocrystals of cobalt perylene diimide polymer with in-situ generated FeOOH for efficient photocatalytic water oxidation. <i>Applied Catalysis B: Environmental</i> , 2020 , 260, 118135	21.8	23

212	Revisiting the Luminescence Decay Kinetics of Energy Transfer Upconversion. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 3672-3680	6.4	13
211	Near-infrared-excited upconversion photodynamic therapy of extensively drug-resistant <i>Acinetobacter baumannii</i> based on lanthanide nanoparticles. <i>Nanoscale</i> , 2020 , 12, 13948-13957	7.7	22
210	General Mild Reaction Creates Highly Luminescent Organic-Ligand-Lacking Halide Perovskite Nanocrystals for Efficient Light-Emitting Diodes. <i>Journal of the American Chemical Society</i> , 2019 , 141, 15423-15432	16.4	79
209	Highly efficient luminescent I-III-VI semiconductor nanoprobe based on template-synthesized CuInS ₂ nanocrystals. <i>Nano Research</i> , 2019 , 12, 1804-1809	10	13
208	Moisture-resistant and highly efficient narrow-band red-emitting fluoride phosphor K ₂ NaGaF ₆ :Mn ⁴⁺ for warm white LED application. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 7906-7914	7.1	20
207	A New Class of Blue-LED-Excitable NIR-II Luminescent Nanoprobes Based on Lanthanide-Doped CaS Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9556-9560	16.4	55
206	Broadband NIR photostimulated luminescence nanoprobes based on CaS:Eu,Sm nanocrystals. <i>Chemical Science</i> , 2019 , 10, 5452-5460	9.4	32
205	A New Class of Blue-LED-Excitable NIR-II Luminescent Nanoprobes Based on Lanthanide-Doped CaS Nanoparticles. <i>Angewandte Chemie</i> , 2019 , 131, 9656-9660	3.6	3
204	Lanthanide-doped near-infrared II luminescent nanoprobes for bioapplications. <i>Science China Materials</i> , 2019 , 62, 1071-1086	7.1	49
203	From Nonluminescent to Blue-Emitting Cs PbBr Nanocrystals: Tailoring the Insulator Bandgap of 0D Perovskite through Sn Cation Doping. <i>Advanced Materials</i> , 2019 , 31, e1900606	24	40
202	Single-Irradiation Simultaneous Dual-Modal Bioimaging Using Nanostructure Scintillators as Single Contrast Agent. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1801324	10.1	6
201	Full-Spectrum Persistent Luminescence Tuning Using All-Inorganic Perovskite Quantum Dots. <i>Angewandte Chemie</i> , 2019 , 131, 7017-7021	3.6	11
200	Full-Spectrum Persistent Luminescence Tuning Using All-Inorganic Perovskite Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 6943-6947	16.4	69
199	Chameleon-like optical behavior of lanthanide-doped fluoride nanoplates for multilevel anti-counterfeiting applications. <i>Nano Research</i> , 2019 , 12, 1417-1422	10	43
198	Unraveling the Electronic Structures of Neodymium in LiLuF Nanocrystals for Ratiometric Temperature Sensing. <i>Advanced Science</i> , 2019 , 6, 1802282	13.6	61
197	Stress-induced CsPbBr ₃ nanocrystallization on glass surface: Unexpected mechanoluminescence and applications. <i>Nano Research</i> , 2019 , 12, 1049-1054	10	28
196	Sub-10 nm lanthanide-doped SrFCl nanoprobes: Controlled synthesis, optical properties and bioimaging. <i>Journal of Rare Earths</i> , 2019 , 37, 691-698	3.7	5
195	Mn ²⁺ -activated calcium fluoride nanoprobes for time-resolved photoluminescence biosensing. <i>Science China Materials</i> , 2019 , 62, 130-137	7.1	14

194	Development of upconversion nanoparticle-conjugated indium phosphide quantum dot for matrix metalloproteinase-2 cancer transformation sensing. <i>Nanomedicine</i> , 2019 , 14, 1791-1804	5.6	7
193	Direct Detection of Circulating Tumor Cells in Whole Blood Using Time-Resolved Luminescent Lanthanide Nanoprobes. <i>Angewandte Chemie</i> , 2019 , 131, 12323-12327	3.6	4
192	Direct Detection of Circulating Tumor Cells in Whole Blood Using Time-Resolved Luminescent Lanthanide Nanoprobes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12195-12199	16.4	31
191	Single Crystal Perovskite Microplate for High-Order Multiphoton Excitation. <i>Small Methods</i> , 2019 , 3, 1900236	3.6	9
190	Graphene-Oxide-Modified Lanthanide Nanoprobes for Tumor-Targeted Visible/NIR-II Luminescence Imaging. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 18981-18986	16.4	64
189	A Strategy of NIR Dual-Excitation Upconversion for Ratiometric Intracellular Detection. <i>Advanced Science</i> , 2019 , 6, 1901874	13.6	23
188	Lanthanide Metal-Organic Framework Nanoprobes for the In Vitro Detection of Cardiac Disease Markers. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 43989-43995	9.5	24
187	Graphene-Oxide-Modified Lanthanide Nanoprobes for Tumor-Targeted Visible/NIR-II Luminescence Imaging. <i>Angewandte Chemie</i> , 2019 , 131, 19157-19162	3.6	10
186	Real-time monitoring of intracellular nitric oxide using a long-wavelength-emitting probe via one-photon or two-photon excitation. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 3246-3252	7.1	8
185	Moisture-Resistant Mn ⁴⁺ -Doped Core-Shell-Structured Fluoride Red Phosphor Exhibiting High Luminous Efficacy for Warm White Light-Emitting Diodes. <i>Angewandte Chemie</i> , 2019 , 131, 3883-3887	3.6	28
184	Moisture-Resistant Mn ²⁺ -Doped Core-Shell-Structured Fluoride Red Phosphor Exhibiting High Luminous Efficacy for Warm White Light-Emitting Diodes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 3843-3847	16.4	71
183	Europium-activated luminescent nanoprobes: From fundamentals to bioapplications. <i>Coordination Chemistry Reviews</i> , 2019 , 378, 104-120	23.2	46
182	Broadband Extrinsic Self-Trapped Exciton Emission in Sn-Doped 2D Lead-Halide Perovskites. <i>Advanced Materials</i> , 2019 , 31, e1806385	24	94
181	An efficient synergistic cancer therapy by integrating cell cycle inhibitor and photosensitizer into polydopamine nanoparticles. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 2620-2629	7.3	9
180	A general strategy for tailoring upconversion luminescence in lanthanide-doped inorganic nanocrystals through local structure engineering. <i>Nanoscale</i> , 2018 , 10, 9353-9359	7.7	32
179	Electronic Spectra of CsNaYb(NO): Is There Quantum Cutting?. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 4381-4388	2.8	4
178	Smart Photosensitizer: Tumor-Triggered Oncotherapy by Self-Assembly Photodynamic Nanodots. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 15369-15380	9.5	20
177	K ₂ NaAlF ₆ :Mn ⁴⁺ red phosphor: room-temperature synthesis and electronic/vibronic structures. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 2069-2076	7.1	42

176	Single 808 nm Laser Treatment Comprising Photothermal and Photodynamic Therapies by Using Gold Nanorods Hybrid Upconversion Particles. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 2402-2412	3.8	51
175	Lanthanide-doped disordered crystals: Site symmetry and optical properties. <i>Journal of Luminescence</i> , 2018 , 201, 255-264	3.8	39
174	Deciphering molecular interaction of binaphthyl compounds with <i>Penicillium expansum</i> lipase: enantioselectivity and reactivity prediction for lipase. <i>Molecular Systems Design and Engineering</i> , 2018 , 3, 658-667	4.6	1
173	Ultrasensitive detection of cancer biomarker microRNA by amplification of fluorescence of lanthanide nanoprobe. <i>Nano Research</i> , 2018 , 11, 264-273	10	41
172	Interfacial Defects Dictated In Situ Fabrication of Yolk-Shell Upconversion Nanoparticles by Electron-Beam Irradiation. <i>Advanced Science</i> , 2018 , 5, 1800766	13.6	20
171	Intense near-infrared-II luminescence from NaCeF:Er/Yb nanoprobe for bioassay and bioimaging. <i>Chemical Science</i> , 2018 , 9, 4682-4688	9.4	103
170	Near-infrared-triggered photon upconversion tuning in all-inorganic cesium lead halide perovskite quantum dots. <i>Nature Communications</i> , 2018 , 9, 3462	17.4	156
169	Controlling disorder in host lattice by hetero-valence ion doping to manipulate luminescence in spinel solid solution phosphors. <i>Science China Chemistry</i> , 2018 , 61, 1624-1629	7.9	14
168	A strategy for accurate detection of glucose in human serum and whole blood based on an upconversion nanoparticles-polydopamine nanosystem. <i>Nano Research</i> , 2018 , 11, 3164-3174	10	48
167	Enhancing Antitumor Efficacy by Simultaneous ATP-Responsive Chemodrug Release and Cancer Cell Sensitization Based on a Smart Nanoagent. <i>Advanced Science</i> , 2018 , 5, 1801201	13.6	22
166	Preferential Neighboring Substitution-Triggered Full Visible Spectrum Emission in Single-Phased CaMg (PO):Eu Phosphors for High Color-Rendering White LEDs. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 33322-33334	9.5	62
165	Phthalocyanine-based photosensitizer with tumor-pH-responsive properties for cancer theranostics. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 6080-6088	7.3	13
164	Bilayered Hybrid Perovskite Ferroelectric with Giant Two-Photon Absorption. <i>Journal of the American Chemical Society</i> , 2018 , 140, 6806-6809	16.4	131
163	Large-scale synthesis of uniform lanthanide-doped NaREF upconversion/downshifting nanoprobe for bioapplications. <i>Nanoscale</i> , 2018 , 10, 11477-11484	7.7	64
162	Near-infrared-triggered antibacterial and antifungal photodynamic therapy based on lanthanide-doped upconversion nanoparticles. <i>Nanoscale</i> , 2018 , 10, 15485-15495	7.7	65
161	Alleviating the emitter concentration effect on upconversion nanoparticles via an inert shell. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 1537-1543	7.1	21
160	Cooperative and non-cooperative sensitization upconversion in lanthanide-doped LiYbF nanoparticles. <i>Nanoscale</i> , 2017 , 9, 6521-6528	7.7	50
159	Periodically Aligned Dye Molecules Integrated in a Single MOF Microcrystal Exhibit Single-Mode Linearly Polarized Lasing. <i>Advanced Optical Materials</i> , 2017 , 5, 1601040	8.1	26

158	Manipulating energy transfer in lanthanide-doped single nanoparticles for highly enhanced upconverting luminescence. <i>Chemical Science</i> , 2017 , 8, 5050-5056	9.4	38
157	Rechargeable and LED-activated ZnGaO : Cr near-infrared persistent luminescence nanoprobcs for background-free biodetection. <i>Nanoscale</i> , 2017 , 9, 6846-6853	7.7	98
156	Minimizing the Heat Effect of Photodynamic Therapy Based on Inorganic Nanocomposites Mediated by 808 nm Near-Infrared Light. <i>Small</i> , 2017 , 13, 1700038	11	70
155	Lanthanide-doped LaOBr nanocrystals: controlled synthesis, optical spectroscopy and bioimaging. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 4827-4834	7.3	13
154	Plasmonic enhancement and polarization dependence of nonlinear upconversion emissions from single gold nanorod@SiO@CaF:Yb,Er hybrid core-shell-satellite nanostructures. <i>Light: Science and Applications</i> , 2017 , 6, e16217	16.7	110
153	Stabilizing Cesium Lead Halide Perovskite Lattice through Mn(II) Substitution for Air-Stable Light-Emitting Diodes. <i>Journal of the American Chemical Society</i> , 2017 , 139, 11443-11450	16.4	524
152	Autofluorescence-Free Targeted Tumor Imaging Based on Luminous Nanoparticles with Composition-Dependent Size and Persistent Luminescence. <i>ACS Nano</i> , 2017 , 11, 8010-8017	16.7	110
151	One-Dimensional Luminous Nanorods Featuring Tunable Persistent Luminescence for Autofluorescence-Free Biosensing. <i>ACS Nano</i> , 2017 , 11, 8185-8191	16.7	97
150	Tumor Marker Detection: Ultrasensitive Luminescent In Vitro Detection for Tumor Markers Based on Inorganic Lanthanide Nano-Bioprobes (Adv. Sci. 11/2016). <i>Advanced Science</i> , 2016 , 3,	13.6	78
149	Lanthanide-Doped Upconversion Nanoprobes 2016 , 237-287		
148	Ultrasensitive Luminescent In Vitro Detection for Tumor Markers Based on Inorganic Lanthanide Nano-Bioprobes. <i>Advanced Science</i> , 2016 , 3, 1600197	13.6	24
147	Polarized three-photon-pumped laser in a single MOF microcrystal. <i>Nature Communications</i> , 2016 , 7, 11087	17.4	129
146	Sub-5 nm lanthanide-doped lutetium oxyfluoride nanoprobcs for ultrasensitive detection of prostate specific antigen. <i>Chemical Science</i> , 2016 , 7, 2572-2578	9.4	63
145	The dynamic response of a flexible indium based metal-organic framework to gas sorption. <i>Chemical Communications</i> , 2016 , 52, 2277-80	5.8	34
144	Two microporous metal-organic frameworks constructed from trinuclear cobalt(II) and cadmium(II) cluster subunits. <i>CrystEngComm</i> , 2016 , 18, 2239-2243	3.3	8
143	A facile "hip-in-a-bottle" approach to construct nanorattles based on upconverting lanthanide-doped fluorides. <i>Nano Research</i> , 2016 , 9, 187-197	10	29
142	A Supramolecular Sensor Array Using Lanthanide-Doped Nanoparticles for Sensitive Detection of Glyphosate and Proteins. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 574-81	9.5	28
141	Photon upconversion in Yb ³⁺ /Tb ³⁺ and Yb ³⁺ /Eu ³⁺ activated core/shell nanoparticles with dual-band excitation. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 4186-4192	7.1	44

140	upconverting/downshifting luminescent detection of tumor markers based on Eu-activated core-shell-shell lanthanide nanoprobcs. <i>Chemical Science</i> , 2016 , 7, 5013-5019	9.4	59
139	Near-Infrared Light-Mediated Photodynamic Therapy Nanoplatform by the Electrostatic Assembly of Upconversion Nanoparticles with Graphitic Carbon Nitride Quantum Dots. <i>Inorganic Chemistry</i> , 2016 , 55, 10267-10277	5.1	57
138	Inorganic lanthanide nanoprobcs for background-free luminescent bioassays. <i>Science China Materials</i> , 2015 , 58, 156-177	7.1	43
137	Three reversible polymorphic copper(I) complexes triggered by ligand conformation: insights into polymorphic crystal habit and luminescent properties. <i>Inorganic Chemistry</i> , 2015 , 54, 4200-7	5.1	36
136	Lanthanide-doped semiconductor nanocrystals: electronic structures and optical properties. <i>Science China Materials</i> , 2015 , 58, 819-850	7.1	56
135	Plasmon-induced hyperthermia: hybrid upconversion NaYF ₄ :Yb/Er and gold nanomaterials for oral cancer photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 8293-8302	7.3	55
134	Lanthanide-doped luminescent nano-bioprobes for the detection of tumor markers. <i>Nanoscale</i> , 2015 , 7, 4274-90	7.7	93
133	Synergetic spin crossover and fluorescence in one-dimensional hybrid complexes. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 1574-7	16.4	105
132	Reply to comment on "Breakdown of crystallographic site symmetry in lanthanide-doped NaYF ₄ crystals". <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 1077-8	16.4	1
131	Lanthanide-doped upconversion nano-bioprobes: electronic structures, optical properties, and biodetection. <i>Chemical Society Reviews</i> , 2015 , 44, 1379-415	58.5	619
130	A New Cubic Phase for a NaYF ₄ Host Matrix Offering High Upconversion Luminescence Efficiency. <i>Advanced Materials</i> , 2015 , 27, 5528-33	24	80
129	Reply to Comment on Breakdown of Crystallographic Site Symmetry in Lanthanide-Doped NaYF ₄ Crystals. <i>Angewandte Chemie</i> , 2015 , 127, 1091-1092	3.6	
128	Multifunctional Nano-Bioprobes Based on Rattle-Structured Upconverting Luminescent Nanoparticles. <i>Angewandte Chemie</i> , 2015 , 127, 8026-8030	3.6	13
127	Multifunctional Nano-Bioprobes Based on Rattle-Structured Upconverting Luminescent Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7915-9	16.4	136
126	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
125	Persistent luminescence from Eu(3+) in SnO ₂ nanoparticles. <i>Nanoscale</i> , 2015 , 7, 11048-54	7.7	42
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123	Time-resolved luminescent biosensing based on inorganic lanthanide-doped nanoprobcs. <i>Chemical Communications</i> , 2015 , 51, 4129-43	5.8	73

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120	Lanthanide-doped upconversion nanoparticles electrostatically coupled with photosensitizers for near-infrared-triggered photodynamic therapy. <i>Nanoscale</i> , 2014 , 6, 8274-82	7.7	121
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109	Surface Modification Chemistry of Lanthanide-Doped Nanoparticles. <i>Nanomedicine and Nanotoxicology</i> , 2014 , 59-74	0.3	1
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