

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.

234 papers	11,367 citations	60 h-index	96 g-index
241 ext. papers	12,581 ext. citations	7.8 avg, IF	6.35 L-index

#	Paper	IF	Citations
234	Spatial Interference Alignment with Limited Precoding Matrix Feedback in a Wireless Multi-User Interference Channel for Smart Grids. <i>Energies</i> , 2022 , 15, 1820	3.1	
233	□Cyclodextrin-based [2]rotaxane stoppered with gold(I)-ethynyl complexation: phosphorescent sensing for nitroaromatics.. <i>Chemical Communications</i> , 2022 ,	5.8	1
232	Target Detection in Intelligent Reflecting Surface Aided Distributed MIMO Radar Systems 2021 , 5, 1-4		7
231	Phosphorescent Zwitterionic Pt(II) N-Heterocyclic Allenylidene Complexes: Metallophilicity and Ionic Self-Assembly□ <i>Chinese Journal of Chemistry</i> , 2021 , 39, 1159-1167	4.9	0
230	Palladium-Catalyzed C-H Bond Arylation of Cyclometalated Difluorinated 2-Arylisoquinolyl Iridium(III) Complexes. <i>Chemistry - A European Journal</i> , 2021 , 27, 12552-12557	4.8	0
229	Anchored metallocene linear low-density polyethylene cellulose nanocrystal composites. <i>Polymer International</i> , 2021 , 70, 564-572	3.3	0
228	Chain flexibility and glass transition temperatures of poly(n-alkyl (meth)acrylate)s: Implications of tacticity and chain dynamics. <i>Polymer</i> , 2021 , 213, 123207	3.9	7
227	Effect of microstructure on chain flexibility and glass transition temperature of polybenzofulvene. <i>Polymer</i> , 2021 , 212, 123276	3.9	2
226	Helically chiral Pd(ii) complexes containing intramolecular PdPd metallophilicity as circularly polarized molecular phosphors. <i>Chemical Communications</i> , 2021 , 57, 1627-1630	5.8	2
225	Intelligent Reflecting Surface-Enhanced Target Detection in MIMO Radar 2021 , 5, 1-4		11
224	Innenrücktitelbild: A Prototype of a Volumetric Three-Dimensional Display Based on Programmable Photo-Activated Phosphorescence (Angew. Chem. 22/2020). <i>Angewandte Chemie</i> , 2020 , 132, 8805-8805 ^{3.6}		
223	A Prototype of a Volumetric Three-Dimensional Display Based on Programmable Photo-Activated Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8416-8420	16.4	5
222	Controlling Metallophilic Interactions in Chiral Gold(I) Double Salts towards Excitation Wavelength-Tunable Circularly Polarized Luminescence. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 6915-6922	16.4	31
221	Controlling Metallophilic Interactions in Chiral Gold(I) Double Salts towards Excitation Wavelength-Tunable Circularly Polarized Luminescence. <i>Angewandte Chemie</i> , 2020 , 132, 6982-6989	3.6	9
220	A Prototype of a Volumetric Three-Dimensional Display Based on Programmable Photo-Activated Phosphorescence. <i>Angewandte Chemie</i> , 2020 , 132, 8494-8498	3.6	3
219	Amine-Responsive Disassembly of AuI□AuI Double Salts for Oxidative Carbonylation. <i>Angewandte Chemie</i> , 2020 , 132, 2096-2100	3.6	
218	Amine-Responsive Disassembly of Au -Cu Double Salts for Oxidative Carbonylation. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 2080-2084	16.4	7

217	Theoretical insights into intermolecular interactions during d organometallic self-aggregation. <i>Dalton Transactions</i> , 2019 , 48, 1275-1283	4.3	4
216	Highly phosphorescent organopalladium(ii) complexes with metal-metal-to-ligand charge-transfer excited states in fluid solutions. <i>Dalton Transactions</i> , 2019 , 48, 10417-10421	4.3	10
215	Downlink Channel Estimation in Massive Multiple-Input Multiple-Output with Correlated Sparsity by Overcomplete Dictionary and Bayesian Inference. <i>Electronics (Switzerland)</i> , 2019 , 8, 473	2.6	3
214	Recent advances in thermoplastic elastomers from living polymerizations: Macromolecular architectures and supramolecular chemistry. <i>Progress in Polymer Science</i> , 2019 , 95, 1-31	29.6	91
213	Efficient acceptorless photo-dehydrogenation of alcohols and -heterocycles with binuclear platinum(ii) diphosphite complexes. <i>Chemical Science</i> , 2019 , 10, 4883-4889	9.4	54
212	. <i>IEEE Access</i> , 2019 , 7, 86964-86978	3.5	8
211	Kinetically Controlled Self-Assembly of Phosphorescent Au Aggregates and Ligand-to-Metal-Metal Charge Transfer Excited State: A Combined Spectroscopic and DFT/TDDFT Study. <i>Journal of the American Chemical Society</i> , 2019 , 141, 11572-11582	16.4	25
210	Photo-writing self-erasable phosphorescent images using poly(N-vinyl-2-pyrrolidone) as a photochemically deoxygenating matrix. <i>Chemical Communications</i> , 2019 , 55, 4299-4302	5.8	9
209	Compressive Channel Estimation Based on Weighted IRLS in FDD Massive MIMO. <i>Wireless Personal Communications</i> , 2019 , 105, 257-266	1.9	1
208	Na3V2(PO4)2F3@C dispersed within carbon nanotube frameworks as a high tap density cathode for high-performance sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 6007-6014	13	94
207	Tungsten diselenide for all-fiber lasers with the chemical vapor deposition method. <i>Nanoscale</i> , 2018 , 10, 7971-7977	7.7	78
206	Effect of pH on the microstructure of β -GaO and its enhanced photocatalytic activity for antibiotic degradation. <i>Journal of Colloid and Interface Science</i> , 2018 , 519, 255-262	9.3	20
205	Ultrafast and sensitive photodetector based on a PtSe2/silicon nanowire array heterojunction with a multiband spectral response from 200 to 1550 nm. <i>NPG Asia Materials</i> , 2018 , 10, 352-362	10.3	136
204	Boosting the oxygen evolution reaction in non-precious catalysts by structural and electronic engineering. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 10253-10263	13	43
203	Tunable Multicolor Phosphorescence of Crystalline Polymeric Complex Salts with Metallophilic Backbones. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6279-6283	16.4	39
202	Tetra-heteroatom self-doped carbon nanosheets derived from silkworm excrement for high-performance supercapacitors. <i>Journal of Power Sources</i> , 2018 , 379, 74-83	8.9	69
201	Optical temperature sensing properties of KLu2F7: Yb3+/Er3+/Nd3+ nanoparticles under NIR excitation. <i>Journal of Alloys and Compounds</i> , 2018 , 742, 497-503	5.7	27
200	Effect of the Molecular Configuration of Perylene Diimide Acceptors on Charge Transfer and Device Performance. <i>ACS Applied Energy Materials</i> , 2018 , 1, 833-840	6.1	13

199	Exploring Anomalous Polarization Dynamics in Organometallic Halide Perovskites. <i>Advanced Materials</i> , 2018 , 30, 1705298	24	38
198	Controlled synthesis of 3D flower-like MgWO ₄ :Eu ³⁺ hierarchical structures and fluorescence enhancement through introduction of carbon dots. <i>CrystEngComm</i> , 2018 , 20, 608-614	3.3	15
197	Twin Engineering in Solution-Synthesized Nonstoichiometric Cu ₅ FeS ₄ Icosahedral Nanoparticles for Enhanced Thermoelectric Performance. <i>Advanced Functional Materials</i> , 2018 , 28, 1705117	15.6	37
196	Attraction or repulsion? Theoretical assessment of bulky alkyl groups by employing dispersion-corrected DFT.. <i>RSC Advances</i> , 2018 , 8, 2240-2247	3.7	7
195	Multifunctional NiTiO ₃ nanocoating fabrication based on the dual-Kirkendall effect enabling a stable cathode/electrolyte interface for nickel-rich layered oxides. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 2643-2652	13	14
194	Palladium(ii) N-heterocyclic allenylidene complexes with extended intercationic PdPd interactions and MMLCT phosphorescence. <i>Chemical Communications</i> , 2018 , 54, 5319-5322	5.8	27
193	Photochemically deoxygenating solvents for triplet-triplet annihilation photon upconversion operating in air. <i>Chemical Communications</i> , 2018 , 54, 3907-3910	5.8	21
192	All-acrylic superelastomers: facile synthesis and exceptional mechanical behavior. <i>Polymer Chemistry</i> , 2018 , 9, 160-168	4.9	12
191	Optical thermometry based on up-conversion emission behavior of Ba ₂ LaF ₇ nano-crystals embedded in glass matrix. <i>Journal of Luminescence</i> , 2018 , 194, 433-439	3.8	35
190	Design and Synthesis of Multigraft Copolymer Thermoplastic Elastomers: Superelastomers. <i>Macromolecular Chemistry and Physics</i> , 2018 , 219, 1700254	2.6	17
189	Multi-Band Up-Converted Lasing Behavior in NaYF ₄ :Yb/Er Nanocrystals. <i>Nanomaterials</i> , 2018 , 8,	5.4	10
188	Downlink compressive channel estimation with support diagnosis in FDD massive MIMO. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2018 , 2018,	3.2	3
187	Tunable Multicolor Phosphorescence of Crystalline Polymeric Complex Salts with Metallophilic Backbones. <i>Angewandte Chemie</i> , 2018 , 130, 6387-6391	3.6	17
186	Lyotropic Chromonic Mesophases Derived from Metal-Organic Complexes. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 3092-3105	4.5	5
185	Ultrafast Thulium-Doped Fiber Laser Mode Locked by Monolayer WSe ₂ . <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2018 , 24, 1-6	3.8	26
184	Ferroelastic domain structure and phase transition in single-crystalline [PbZn _{1/3} Nb _{2/3} O ₃] _{1-x} [PbTiO ₃] _x observed via in situ x-ray microbeam. <i>Journal of the European Ceramic Society</i> , 2018 , 38, 1488-1497	6	3
183	Correlating thermochromic and mechanochromic phosphorescence with polymorphs of a complex gold(i) double salt with infinite aurophilicity. <i>Chemical Communications</i> , 2018 , 54, 12844-12847	5.8	30
182	Integration of nanoscale light emitters: an efficient ultraviolet and blue random lasing from NaYF ₄ :Yb/Tm hexagonal nanocrystals. <i>Photonics Research</i> , 2018 , 6, 943	6	9

181	Counteranion- and Solvent-Mediated Chirality Transfer in the Supramolecular Polymerization of Luminescent Platinum(II) Complexes. <i>Angewandte Chemie</i> , 2018 , 130, 17435-17439	3.6	3
180	Counteranion- and Solvent-Mediated Chirality Transfer in the Supramolecular Polymerization of Luminescent Platinum(II) Complexes. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 17189-17193	16.4	30
179	Influence of Plasmonic Effect on the Upconversion Emission Characteristics of NaYF Hexagonal Microrods. <i>Inorganic Chemistry</i> , 2018 , 57, 8200-8204	5.1	11
178	Strategy to Enhance the Luminescence of Lanthanide Ions Doped MgWO Nanosheets through Incorporation of Carbon Dots. <i>Inorganic Chemistry</i> , 2018 , 57, 8662-8672	5.1	34
177	Response of high-strength steel beam and single-storey frame in fire: Numerical simulation. <i>Journal of Constructional Steel Research</i> , 2018 , 148, 551-561	3.8	8
176	Design of Hierarchical Ni ₂ Co@Ni ₂ Co Layered Double Hydroxide Core/Shell Structured Nanotube Array for High-Performance Flexible All-Solid-State Battery-Type Supercapacitors. <i>Advanced Functional Materials</i> , 2017 , 27, 1605307	15.6	230
175	Evidencing the structural conversion of hydrothermally synthesized titanate nanorods by in situ electron microscopy. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 3786-3791	13	5
174	In situ observation of the thermal stability of black phosphorus. <i>2D Materials</i> , 2017 , 4, 025001	5.9	29
173	Reversible Photoactivated Phosphorescence of Gold(I) Arylethynyl Complexes in Aerated DMSO Solutions and Gels. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 1784-1788	16.4	33
172	High-temperature long persistent and photo-stimulated luminescence in Tb ³⁺ doped gallate phosphor. <i>Journal of Alloys and Compounds</i> , 2017 , 701, 774-779	5.7	23
171	Tailoring Anisotropic Li-Ion Transport Tunnels on Orthogonally Arranged Li-Rich Layered Oxide Nanoplates Toward High-Performance Li-Ion Batteries. <i>Nano Letters</i> , 2017 , 17, 1670-1677	11.5	99
170	Design and Synthesis of Chlorinated Benzothiadiazole-Based Polymers for Efficient Solar Energy Conversion. <i>ACS Energy Letters</i> , 2017 , 2, 753-758	20.1	41
169	Enabling effective polysulfide trapping and high sulfur loading via a pyrrole modified graphene foam host for advanced lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 7309-7315	13	47
168	Reversible Photoactivated Phosphorescence of Gold(I) Arylethynyl Complexes in Aerated DMSO Solutions and Gels. <i>Angewandte Chemie</i> , 2017 , 129, 1810-1814	3.6	8
167	A Hierarchically Porous Hollow Structure of Layered Bi ₂ TiO ₄ F ₂ for Efficient Photocatalysis. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 1892-1899	2.3	7
166	Phase and Facet Control of Molybdenum Carbide Nanosheet Observed by In Situ TEM. <i>Small</i> , 2017 , 13, 1700051	11	25
165	Single-crystal Bi ₂ Ga ₄ O ₉ nanoplates with exposed {110} facets for photocatalytic degradation of Acid Red 1. <i>Molecular Catalysis</i> , 2017 , 433, 354-362	3.3	9
164	Ferroelectric-Enhanced Polysulfide Trapping for Lithium-Sulfur Battery Improvement. <i>Advanced Materials</i> , 2017 , 29, 1604724	24	124

163	Heavy Metal Free Nanocrystals with Near Infrared Emission Applying in Luminescent Solar Concentrator. <i>Solar Rrl</i> , 2017 , 1, 1700041	7.1	35
162	Engineering hetero-epitaxial nanostructures with aligned Li-ion channels in Li-rich layered oxides for high-performance cathode application. <i>Nano Energy</i> , 2017 , 35, 271-280	17.1	78
161	Realization of multiphoton lasing from carbon nanodot microcavities. <i>Nanoscale</i> , 2017 , 9, 5957-5963	7.7	14
160	Interfacial Properties of Polymer Nanocomposites: Role of Chain Rigidity and Dynamic Heterogeneity Length Scale. <i>Macromolecules</i> , 2017 , 50, 2397-2406	5.5	87
159	pH-responsive poly (acrylic acid)-gated mesoporous silica and its application in oral colon targeted drug delivery for doxorubicin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 154, 287-296	6	87
158	Real-Time Observation of the Electrode-Size-Dependent Evolution Dynamics of the Conducting Filaments in a SiO Layer. <i>ACS Nano</i> , 2017 , 11, 4097-4104	16.7	55
157	Ultrafine Cobalt Sulfide Nanoparticles Encapsulated Hierarchical N-doped Carbon Nanotubes for High-performance Lithium Storage. <i>Electrochimica Acta</i> , 2017 , 225, 137-142	6.7	38
156	A new low-temperature solution route to Aurivillius-type layered oxyfluoride perovskites Bi ₂ MO ₅ F (M = Nb, Ta) as photocatalysts. <i>Applied Catalysis B: Environmental</i> , 2017 , 205, 112-120	21.8	18
155	Large-area and highly crystalline MoSe for optical modulator. <i>Nanotechnology</i> , 2017 , 28, 484001	3.4	23
154	Substrate orientation-induced epitaxial growth of face centered cubic Mo ₂ C superconductive thin film. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 10822-10827	7.1	35
153	Tunable active edge sites in PtSe ₂ films towards hydrogen evolution reaction. <i>Nano Energy</i> , 2017 , 42, 26-33	17.1	77
152	Thermoplastic Elastomers Based on Block, Graft, and Star Copolymers 2017 ,		1
151	Solution properties, unperturbed dimensions, and chain flexibility of poly(1-adamantyl acrylate). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017 , 55, 1526-1531	2.6	6
150	All acrylic-based thermoplastic elastomers with high upper service temperature and superior mechanical properties. <i>Polymer Chemistry</i> , 2017 , 8, 5741-5748	4.9	23
149	Temperature sensing based on the up-conversion emission of Tm ³⁺ in a single KLuF ₄ microcrystal. <i>Journal of Alloys and Compounds</i> , 2017 , 728, 1037-1042	5.7	87
148	Platinum(ii) photo-catalysis for highly selective difluoroalkylation reactions. <i>Chemical Communications</i> , 2017 , 53, 8948-8951	5.8	51
147	Nitrogen-Doped Carbon for Sodium-Ion Battery Anode by Self-Etching and Graphitization of Bimetallic MOF-Based Composite. <i>Chem</i> , 2017 , 3, 152-163	16.2	171
146	Design and chiroptical properties of a water-soluble and violet-blue emissive alkyne template. <i>Synthetic Metals</i> , 2017 , 234, 132-138	3.6	2

145	Metal/Ion Interactions Induced p-i-n Junction in Methylammonium Lead Triiodide Perovskite Single Crystals. <i>Journal of the American Chemical Society</i> , 2017 , 139, 17285-17288	16.4	25
144	Palladium(II) Acetylide Complexes with Pincer-Type Ligands: Photophysical Properties, Intermolecular Interactions, and Photo-cytotoxicity. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 145-158	4.5	19
143	Large-area highly crystalline WSe atomic layers for ultrafast pulsed lasers. <i>Optics Express</i> , 2017 , 25, 30029-30034	9.3	14
142	Surface Plasmon Resonance Enhanced Spontaneous Upconversion and Stimulated Emissions in Glass Ceramics Containing Ba ₂ LaF ₇ Nanocrystals. <i>Advances in Condensed Matter Physics</i> , 2017 , 2017, 1-6	1	2
141	Synthesis of dendritic-like BiVO ₄ :Ag heterostructure for enhanced and fast photocatalytic degradation of RhB solution. <i>Materials Research Bulletin</i> , 2016 , 84, 414-421	5.1	7
140	Commercial Dacron cloth supported Cu(OH) ₂ nanobelt arrays for wearable supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 14781-14788	13	62
139	Shape-controlled synthesis and facet-dependent performance of single-crystal Bi ₂₅ GaO ₃₉ photocatalysts. <i>CrystEngComm</i> , 2016 , 18, 7715-7721	3.3	9
138	Ni@NiO core/shell dendrites for ultra-long cycle life electrochemical energy storage. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 15049-15056	13	27
137	Enhanced photocatalytic performance and morphology evolvement of PbWO ₄ dendritic nanostructures through Eu ³⁺ doping. <i>RSC Advances</i> , 2016 , 6, 81447-81453	3.7	9
136	Toward Dendrite-Free Lithium Deposition via Structural and Interfacial Synergistic Effects of 3D Graphene@Ni Scaffold. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 26091-26097	9.5	121
135	Phonon-Assisted Population Inversion in Lanthanide-Doped Upconversion Ba LaF Nanocrystals in Glass-Ceramics. <i>Advanced Materials</i> , 2016 , 28, 8045-8050	24	86
134	Atomic-Scale Mechanism on Nucleation and Growth of MoC Nanoparticles Revealed by in Situ Transmission Electron Microscopy. <i>Nano Letters</i> , 2016 , 16, 7875-7881	11.5	21
133	Direct TEM observations of growth mechanisms of two-dimensional MoS ₂ flakes. <i>Nature Communications</i> , 2016 , 7, 12206	17.4	147
132	Heterogeneous catalytic oxidation of pyridines to N-oxides under mild conditions using tungsten-loaded TiO ₂ . <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2016 , 119, 235-243	1.6	2
131	Hybrid lanthanide nanoparticles as a new class of binary contrast agents for in vivo T/T dual-weighted MRI and synergistic tumor diagnosis. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 2715-2722	7.3	22
130	Homoleptic gold(i) N-heterocyclic allenylidene complexes: excited-state properties and lyotropic chromonics. <i>Chemical Communications</i> , 2016 , 52, 4983-6	5.8	31
129	Controllable synergistic effect of Yb ³⁺ , Er ³⁺ co-doped KLu ₂ F ₇ with the assistant of defect state. <i>CrystEngComm</i> , 2016 , 18, 2642-2649	3.3	5
128	Controllable in situ synthesis of epsilon manganese dioxide hollow structure/RGO nanocomposites for high-performance supercapacitors. <i>Nanoscale</i> , 2016 , 8, 1854-60	7.7	29

127	Poly(1-adamantyl acrylate): Living Anionic Polymerization, Block Copolymerization, and Thermal Properties. <i>Macromolecules</i> , 2016 , 49, 9406-9414	5.5	27
126	Construction of pH-responsive and up-conversion luminescent NaYF ₄ /Er ³⁺ @SiO ₂ /PMAA nanocomposite for colon targeted drug delivery. <i>Scientific Reports</i> , 2016 , 6, 21335	4.9	25
125	Band gap modulation in π -graphyne by p-n codoping. <i>Europhysics Letters</i> , 2016 , 115, 27009	1.6	6
124	Facile synthesis of a mechanically robust and highly porous NiO film with excellent electrocatalytic activity towards methanol oxidation. <i>Nanoscale</i> , 2016 , 8, 11256-63	7.7	43
123	Cracks bring robustness: a pre-cracked NiO nanosponge electrode with greatly enhanced cycle stability and rate performance. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 8211-8218	13	21
122	The mechanism and process of spontaneous boron doping in graphene in the theoretical perspective. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016 , 380, 3384-3388	2.3	2
121	Effect of defect state on photon synergistic process in KLu ₂ F ₇ :Yb ³⁺ , Er ³⁺ nanoparticles. <i>Journal of Solid State Chemistry</i> , 2016 , 242, 222-227	3.3	1
120	In situ synthesis of rice-like ZnGa ₂ O ₄ for the photocatalytic removal of organic and inorganic pollutants. <i>Materials Science in Semiconductor Processing</i> , 2016 , 56, 251-259	4.3	12
119	High dielectric tunability, electrostriction strain and electrocaloric strength at a tricritical point of tetragonal, rhombohedral and pseudocubic phases. <i>Journal of Alloys and Compounds</i> , 2015 , 646, 597-602	5.7	20
118	Crystal structure, morphology and luminescent properties of rare earth ion-doped SrHPO ₄ nanomaterials. <i>Journal of Rare Earths</i> , 2015 , 33, 355-360	3.7	12
117	Phosphorescent organoplatinum(II) complexes with a lipophilic anion: supramolecular soft nanomaterials through ionic self-assembly and metallophilicity. <i>Chemical Communications</i> , 2015 , 51, 5371-4	5.8	42
116	Aqueous manganese dioxide ink for paper-based capacitive energy storage devices. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6800-3	16.4	61
115	Tunable multicolor and white luminescence in Tb ³⁺ /Dy ³⁺ /Mn ²⁺ doped CePO ₄ via energy transfer. <i>Journal of Alloys and Compounds</i> , 2015 , 637, 489-496	5.7	23
114	Deep Ultraviolet Emission from Water-Soluble SnO ₂ Quantum Dots Grown via a Facile "Top-Down" Strategy. <i>Journal of Materials Science and Technology</i> , 2015 , 31, 670-673	9.1	5
113	Giant Electric Energy Density in Epitaxial Lead-Free Thin Films with Coexistence of Ferroelectrics and Antiferroelectrics. <i>Advanced Electronic Materials</i> , 2015 , 1, 1500052	6.4	141
112	Organic-free Anatase TiO ₂ Paste for Efficient Plastic Dye-Sensitized Solar Cells and Low Temperature Processed Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 19431-8	9.5	32
111	Facile preparation of hierarchical TiO ₂ nanowire/nanoparticle/nanotube architecture for highly efficient dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 20366-20374	13	23
110	Fabrication of a novel TiO ₂ /S composite cathode for high performance lithium-sulfur batteries. <i>RSC Advances</i> , 2015 , 5, 77348-77353	3.7	28

109	Sub-10nm lanthanide doped BaLuF5 nanocrystals: Shape controllable synthesis, tunable multicolor emission and enhanced near-infrared upconversion luminescence. <i>Materials Research Bulletin</i> , 2015 , 64, 27-32	5.1	8
108	Long-lived excited states of zwitterionic copper(I) complexes for photoinduced cross-dehydrogenative coupling reactions. <i>Chemistry - A European Journal</i> , 2015 , 21, 1184-90	4.8	89
107	High quality polyacrylic acid modified multifunction luminescent nanorods for tri-modality bioimaging, in vivo long-lasting tracking and biodistribution. <i>Nanoscale</i> , 2015 , 7, 542-50	7.7	32
106	Enhanced upconversion luminescence and single-band red emission of NaErF4 nanocrystals via Mn ²⁺ doping. <i>Journal of Alloys and Compounds</i> , 2015 , 618, 776-780	5.7	43
105	Remarkable NIR Enhancement of Multifunctional Nanoprobes for In Vivo Trimodal Bioimaging and Upconversion Optical/T2-Weighted MRI-Guided Small Tumor Diagnosis. <i>Advanced Functional Materials</i> , 2015 , 25, 7119-7129	15.6	106
104	Graphene/sulfur hybrid nanosheets from a space-confined "sauna" reaction for high-performance lithium-sulfur batteries. <i>Advanced Materials</i> , 2015 , 27, 5936-42	24	106
103	Hybrid luminescence materials assembled by [Ln(DPA) ₃](³⁻) and mesoporous host through ion-pairing interactions with high quantum efficiencies and long lifetimes. <i>Scientific Reports</i> , 2015 , 5, 8385	4.9	37
102	Large Energy Storage Density and High Thermal Stability in a Highly Textured (111)-Oriented Pb _{0.8} Ba _{0.2} ZrO ₃ Relaxor Thin Film with the Coexistence of Antiferroelectric and Ferroelectric Phases. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 13512-7	9.5	148
101	Multicolor tuning towards single red-emission band of upconversion nanoparticles for tunable optical component and optical/x-ray imaging agents via Ce(³⁺) doping. <i>Nanotechnology</i> , 2015 , 26, 385702	3.4	8
100	Hierarchical porous plasmonic metamaterials for reproducible ultrasensitive surface-enhanced Raman spectroscopy. <i>Advanced Materials</i> , 2015 , 27, 1090-6	24	162
99	Multi-color luminescence of uniform CdWO ₄ nanorods through Eu ³⁺ ion doping. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 2865-2871	7.1	35
98	Nanofabrication of highly ordered, tunable metallic mesostructures via quasi-hard-templating of lyotropic liquid crystals. <i>Scientific Reports</i> , 2014 , 4, 7420	4.9	8
97	Controllable synthesis of Ln ³⁺ (Ln = Tb, Eu) doped zinc phosphate nano-/micro-structured materials: phase, morphology and luminescence properties. <i>Nanoscale</i> , 2014 , 6, 2137-45	7.7	36
96	Direct observation of carbon nanostructure growth at liquid-solid interfaces. <i>Chemical Communications</i> , 2014 , 50, 826-8	5.8	22
95	Simultaneous Realization of Phase/Size Manipulation, Upconversion Luminescence Enhancement, and Blood Vessel Imaging in Multifunctional Nanoprobes Through Transition Metal Mn ²⁺ Doping. <i>Advanced Functional Materials</i> , 2014 , 24, 4051-4059	15.6	190
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93	Hydrothermal growth and optical properties of Nb ₂ O ₅ nanorod arrays. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 8185-8190	7.1	42
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