

List of Publications by Citations

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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	Light-emitting tridentate cyclometalated platinum(II) complexes containing sigma-alkynyl auxiliaries: tuning of photo- and electrophosphorescence. <i>Journal of the American Chemical Society</i> , 2004 , 126, 4958-71	16.4	550
233	Structural and spectroscopic studies on Pt.Pt and pi-pi interactions in luminescent multinuclear cyclometalated platinum(II) homologues tethered by oligophosphine auxiliaries. <i>Journal of the American Chemical Society</i> , 2004 , 126, 7639-51	16.4	270
232	Highly ordered iron oxide nanotube arrays as electrodes for electrochemical energy storage. <i>Electrochemistry Communications</i> , 2011 , 13, 657-660	5.1	247
231	Design of Hierarchical Ni?Co@Ni?Co Layered Double Hydroxide CoreShell Structured Nanotube Array for High-Performance Flexible All-Solid-State Battery-Type Supercapacitors. <i>Advanced Functional Materials</i> , 2017 , 27, 1605307	15.6	230
230	Interactions in Organometallic Systems. Crystal Structures and Spectroscopic Properties of Luminescent Mono-, Bi-, and Trinuclear Trans-cyclometalated Platinum(II) Complexes Derived from 2,6-Diphenylpyridine. <i>Organometallics</i> , 2001 , 20, 2477-2486	3.8	202
229	Organic triplet emissions of arylacetylide moieties harnessed through coordination to [Au(PCy(3))] ⁺ . Effect of molecular structure upon photoluminescent properties. <i>Journal of the American Chemical Society</i> , 2002 , 124, 14696-706	16.4	192
228	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
227	Luminescent organogold(III) complexes with long-lived triplet excited states for light-induced oxidative C-H bond functionalization and hydrogen production. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 2654-7	16.4	183
226	Ion desorption efficiency and internal energy transfer in carbon-based surface-assisted laser desorption/ionization mass spectrometry: desorption mechanism(s) and the design of SALDI substrates. <i>Analytical Chemistry</i> , 2009 , 81, 4720-9	7.8	173
225	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
224	Hierarchical porous plasmonic metamaterials for reproducible ultrasensitive surface-enhanced Raman spectroscopy. <i>Advanced Materials</i> , 2015 , 27, 1090-6	24	162
223	Observation of Low-Energy Metal-to-Ligand Charge Transfer Absorption and Emission: Electronic Spectroscopy of Cyclometalated Platinum(II) Complexes with Isocyanide Ligands. <i>Organometallics</i> , 2002 , 21, 226-234	3.8	158
222	Photoresponsive supramolecular organometallic nanosheets induced by Pt(II)...Pt(II) and C-H...pi interactions. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 9909-13	16.4	156
221	Structural basis for vapoluminescent organoplatinum materials derived from noncovalent interactions as recognition components. <i>Chemistry - A European Journal</i> , 2003 , 9, 6155-66	4.8	156
220	Supramolecular polymers and chromonic mesophases self-organized from phosphorescent cationic organoplatinum(II) complexes in water. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 7621-5	16.4	154
219	Semiconducting and electroluminescent nanowires self-assembled from organoplatinum(II) complexes. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 9895-9	16.4	150
218	[(C(wedge)N(wedge)N)Pt(C identical to C)nR] (HC(wedge)N(wedge)N = 6-aryl-2,2'-bipyridine, n = 1-4, R = aryl, SiMe ₃) as a new class of light-emitting materials and their applications in electrophosphorescent devices. <i>Chemical Communications</i> , 2002 , 206-7	5.8	150

217	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
216	Direct TEM observations of growth mechanisms of two-dimensional MoS ₂ flakes. <i>Nature Communications</i> , 2016 , 7, 12206	17.4	147
215	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
214	Ultrafast and sensitive photodetector based on a PtSe ₂ /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
213	Light-emitting platinum(II) complexes supported by tetradentate dianionic bis(N-heterocyclic carbene) ligands: towards robust blue electrophosphors. <i>Chemical Science</i> , 2013 , 4, 2630	9.4	127
212	Porous platinum nanowire arrays for direct ethanol fuel cell applications. <i>Chemical Communications</i> , 2009 , 195-7	5.8	127
211	Ferroelectric-Enhanced Polysulfide Trapping for Lithium-Sulfur Battery Improvement. <i>Advanced Materials</i> , 2017 , 29, 1604724	24	124
210	Gold nanoparticles and imaging mass spectrometry: double imaging of latent fingerprints. <i>Analytical Chemistry</i> , 2010 , 82, 1589-93	7.8	122
209	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
208	A submicrometer wire-to-wheel metamorphism of hybrid tridentate cyclometalated platinum(II) complexes. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 4568-72	16.4	119
207	Dual-modal upconversion fluorescent/X-ray imaging using ligand-free hexagonal phase NaLuF ₄ :Gd/Yb/Er nanorods for blood vessel visualization. <i>Biomaterials</i> , 2014 , 35, 2934-41	15.6	113
206	Remarkable NIR Enhancement of Multifunctional Nanoprobes for In Vivo Trimodal Bioimaging and Upconversion Optical/T ₂ -Weighted MRI-Guided Small Tumor Diagnosis. <i>Advanced Functional Materials</i> , 2015 , 25, 7119-7129	15.6	106
205	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
204	The 3(π) Emission of Cy ₃ PAu(C \equiv C) _n AuPCy ₃ (n = 3, 4). Effect of Chain Length upon Acetylenic 3(π) Emission. <i>Organometallics</i> , 2002 , 21, 2343-2346	3.8	103
203	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
202	Blue electrophosphorescent organoplatinum(II) complexes with dianionic tetradentate bis(carbene) ligands. <i>Chemical Communications</i> , 2011 , 47, 9075-7	5.8	99
201	Na ₃ V ₂ (PO ₄) ₂ F ₃ @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
200	Organic triplet excited states of gold(I) complexes with oligo(o- or m-phenyleneethynylene) ligands: conjunction of steady-state and time-resolved spectroscopic studies on exciton delocalization and emission pathways. <i>Journal of the American Chemical Society</i> , 2011 , 133, 14120-35	16.4	92

- 199 Recent advances in thermoplastic elastomers from living polymerizations: Macromolecular architectures and supramolecular chemistry. *Progress in Polymer Science*, **2019**, 95, 1-31 29.6 91
- 198 Self-assembled nanostructures with tridentate cyclometalated platinum(II) complexes. *Chemical Communications*, **2006**, 3972-4 5.8 90
- 197 Long-lived excited states of zwitterionic copper(I) complexes for photoinduced cross-dehydrogenative coupling reactions. *Chemistry - A European Journal*, **2015**, 21, 1184-90 4.8 89
- 196 Interfacial Properties of Polymer Nanocomposites: Role of Chain Rigidity and Dynamic Heterogeneity Length Scale. *Macromolecules*, **2017**, 50, 2397-2406 5.5 87
- 195 pH-responsive poly (acrylic acid)-gated mesoporous silica and its application in oral colon targeted drug delivery for doxorubicin. *Colloids and Surfaces B: Biointerfaces*, **2017**, 154, 287-296 6 87
- 194 Temperature sensing based on the up-conversion emission of Tm³⁺ in a single KLuF₄ microcrystal. *Journal of Alloys and Compounds*, **2017**, 728, 1037-1042 5.7 87
- 193 Phonon-Assisted Population Inversion in Lanthanide-Doped Upconversion Ba LaF Nanocrystals in Glass-Ceramics. *Advanced Materials*, **2016**, 28, 8045-8050 24 86
- 192 Polymorphic forms of a gold(I) arylacetylide complex with contrasting phosphorescent characteristics. *Journal of the American Chemical Society*, **2003**, 125, 16081-8 16.4 86
- 191 Engineering hetero-epitaxial nanostructures with aligned Li-ion channels in Li-rich layered oxides for high-performance cathode application. *Nano Energy*, **2017**, 35, 271-280 17.1 78
- 190 Tungsten diselenide for all-fiber lasers with the chemical vapor deposition method. *Nanoscale*, **2018**, 10, 7971-7977 7.7 78
- 189 A Diiminoplatinum(II) Complex of 4-Ethynylbenzo-15-crown-5 as a Luminescent Sensor for Divalent Metal Ions. *European Journal of Inorganic Chemistry*, **2003**, 2003, 2749-2752 2.3 78
- 188 Tunable active edge sites in PtSe₂ films towards hydrogen evolution reaction. *Nano Energy*, **2017**, 42, 26-33 17.1 77
- 187 Organogold(III) supramolecular polymers for anticancer treatment. *Angewandte Chemie - International Edition*, **2012**, 51, 4882-6 16.4 77
- 186 J-aggregation of a squaraine dye and its application in organic photovoltaic cells. *Journal of Materials Chemistry C*, **2013**, 1, 6547 7.1 75
- 185 Simultaneous synthesis and amine-functionalization of single-phase BaYF₅:Yb/Er nanoprobe for dual-modal in vivo upconversion fluorescence and long-lasting X-ray computed tomography imaging. *Nanoscale*, **2013**, 5, 6023-9 7.7 74
- 184 Platinum(II) and gold(III) allenylidene complexes: phosphorescence, self-assembled nanostructures and cytotoxicity. *Chemistry - A European Journal*, **2013**, 19, 9457-62 4.8 72
- 183 Synergistic dual-modality in vivo upconversion luminescence/X-ray imaging and tracking of amine-functionalized NaYbF₄:Er nanoprobe. *ACS Applied Materials & Interfaces*, **2014**, 6, 3839-46 9.5 70
- 182 Iron supported C@Fe₃O₄ nanotube array: a new type of 3D anode with low-cost for high performance lithium-ion batteries. *Journal of Materials Chemistry*, **2012**, 22, 5560 7.0

181	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
180	Synthesis and characterization of iridium(III) cyclometalated complexes with oligonucleotides: insights into redox reactions with DNA. <i>Inorganic Chemistry</i> , 2007 , 46, 10187-99	5.1	67
179	Quest for an intermolecular Au(III)?Au(III) interaction between cyclometalated gold(III) cations. <i>Chemical Science</i> , 2012 , 3, 752-755	9.4	64
178	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
177	Aqueous manganese dioxide ink for paper-based capacitive energy storage devices. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6800-3	16.4	61
176	A dicationic organoplatinum(II) complex containing a bridging 2,5-bis-(4-ethynylphenyl)-[1,3,4]oxadiazole ligand behaves as a phosphorescent gelator for organic solvents. <i>Chemistry - an Asian Journal</i> , 2008 , 3, 59-69	4.5	61
175	Luminescent properties of carbon-rich starburst gold(I) acetylide complexes. Crystal structure of [TEE][Au(PCy3)] ₄ ([TEE]H ₄ =tetraethynylethene). <i>Journal of Organometallic Chemistry</i> , 2003 , 670, 11-16	2.3	61
174	High Temperature Crystallization of Free-Standing Anatase TiO ₂ Nanotube Membranes for High Efficiency Dye-Sensitized Solar Cells. <i>Advanced Functional Materials</i> , 2013 , 23, 5952-5960	15.6	60
173	Phosphorescent nematic hydrogels and chromonic mesophases driven by intra- and intermolecular interactions of bridged dinuclear cyclometalated platinum(II) complexes. <i>Chemical Science</i> , 2014 , 5, 2482	9.4	58
172	Highly sensitive gas sensor by the LaAlO ₃ /SrTiO ₃ heterostructure with Pd nanoparticle surface modulation. <i>Advanced Materials</i> , 2014 , 26, 5962-8	24	58
171	Structures and solvatochromic phosphorescence of dicationic terpyridyl-platinum(II) complexes with foldable oligo(ortho-phenyleneethynylene) bridging ligands. <i>Chemistry - A European Journal</i> , 2008 , 14, 9736-46	4.8	58
170	Tethered trinuclear cyclometalated platinum(II) complexes: from crystal engineering to tunable emission energy. <i>Chemical Communications</i> , 2002 , 900-1	5.8	58
169	A cyclometalated platinum(II) complex with a pendent pyridyl motif as solid-state luminescent sensor for acidic vapors. <i>Chemistry - A European Journal</i> , 2011 , 17, 4109-12	4.8	57
168	Reductive and oxidative DNA damage by photoactive platinum(II) intercalators. <i>Inorganic Chemistry</i> , 2005 , 44, 7970-80	5.1	56
167	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
166	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
165	Luminescent Organogold(III) Complexes with Long-Lived Triplet Excited States for Light-Induced Oxidative C-H Bond Functionalization and Hydrogen Production. <i>Angewandte Chemie</i> , 2012 , 124, 2708-2711	2.6	52
164	PEGylated NaLuF ₄ : Yb/Er upconversion nanophosphors for in vivo synergistic fluorescence/X-ray bioimaging and long-lasting, real-time tracking. <i>Biomaterials</i> , 2014 , 35, 9689-97	15.6	51

163	Platinum(II) photo-catalysis for highly selective difluoroalkylation reactions. <i>Chemical Communications</i> , 2017 , 53, 8948-8951	5.8	51
162	Sponge-like Ni(OH) ₂ -NiF ₂ composite film with excellent electrochemical performance. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 1601-5	3.6	50
161	Single microcrystals of organoplatinum(II) complexes with high charge-carrier mobility. <i>Chemical Science</i> , 2011 , 2, 216-220	9.4	50
160	Phosphorescent polymeric nanomaterials with metallophilic d ¹⁰ -d ¹⁰ interactions self-assembled from [Au(NHC) ₂] ⁺ and [M(CN) ₂] ⁻ . <i>Chemical Science</i> , 2014 , 5, 1348	9.4	49
159	Luminescent Pincer-Type Cyclometalated Platinum(II) Complexes with Auxiliary Isocyanide Ligands: Phase-Transfer Preparation, Solvatomorphism, and Self-Aggregation. <i>Organometallics</i> , 2013 , 32, 350-353	3.8	48
158	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
157	A facile route to fabricate an anodic TiO ₂ nanotube-nanoparticle hybrid structure for high efficiency dye-sensitized solar cells. <i>Nanoscale</i> , 2012 , 4, 5148-53	7.7	45
156	Large-area highly crystalline WSe atomic layers for ultrafast pulsed lasers. <i>Optics Express</i> , 2017 , 25, 30029-30034	9.3	44
155	In vivo analysis and spatial profiling of phytochemicals in herbal tissue by matrix-assisted laser desorption/ionization mass spectrometry. <i>Analytical Chemistry</i> , 2007 , 79, 2745-55	7.8	44
154	Enhanced upconversion luminescence and single-band red emission of NaErF ₄ nanocrystals via Mn ²⁺ doping. <i>Journal of Alloys and Compounds</i> , 2015 , 618, 776-780	5.7	43
153	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
152	Tetrakis(aryl isocyanide) rhodium(I) salts in water: NIR luminescent and conductive supramolecular polymeric nanowires with hierarchical organization. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 9968-71	16.4	43
151	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
150	Phosphorescent organoplatinum(II) complexes with a lipophilic anion: supramolecular soft nanomaterials through ionic self-assembly and metallophilicity. <i>Chemical Communications</i> , 2015 , 51, 5374-4	5.8	42
149	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
148	Multi-functional NaErF ₄ :Yb nanorods: enhanced red upconversion emission, in vitro cell, in vivo X-ray, and T ₂ -weighted magnetic resonance imaging. <i>Nanoscale</i> , 2014 , 6, 2855-60	7.7	42
147	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
146	Tunable Multicolor Phosphorescence of Crystalline Polymeric Complex Salts with Metallophilic Backbones. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6279-6283	16.4	39

145	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
144	Exploring Anomalous Polarization Dynamics in Organometallic Halide Perovskites. <i>Advanced Materials</i> , 2018 , 30, 1705298	24	38
143	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
142	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
141	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
140	Synthesis, photophysical properties, and molecular aggregation of gold(I) complexes containing carbon-donor ligands. <i>Chemistry - an Asian Journal</i> , 2011 , 6, 544-53	4.5	36
139	Photoresponsive Supramolecular Organometallic Nanosheets Induced by PtII and C ⁺ H ⁺ Interactions. <i>Angewandte Chemie</i> , 2009 , 121, 10093-10097	3.6	36
138	A Submicrometer Wire-to-Wheel Metamorphism of Hybrid Tridentate Cyclometalated Platinum(II) Complexes. <i>Angewandte Chemie</i> , 2008 , 120, 4644-4648	3.6	36
137	Heavy Metal Free Nanocrystals with Near Infrared Emission Applying in Luminescent Solar Concentrator. <i>Solar Rrl</i> , 2017 , 1, 1700041	7.1	35
136	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
135	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
134	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
133	Urchin-like Ce/Tb co-doped GdPO hollow spheres for in vivo luminescence/X-ray bioimaging and drug delivery. <i>Biomaterials Science</i> , 2014 , 2, 1404-1411	7.4	34
132	Supramolecular Polymers and Chromonic Mesophases Self-Organized from Phosphorescent Cationic Organoplatinum(II) Complexes in Water. <i>Angewandte Chemie</i> , 2009 , 121, 7757-7761	3.6	34
131	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
130	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
129	Organo- and hydrogelators based on luminescent monocationic terpyridyl platinum(II) complexes with biphenylacetylide ligands. <i>Chemistry - an Asian Journal</i> , 2011 , 6, 3011-9	4.5	33
128	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

127	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
126	Highly entangled carbon nanoflakes on Li ₃ V ₂ (PO ₄) ₃ microrods for improved lithium storage performance. <i>RSC Advances</i> , 2013 , 3, 1297-1301	3.7	32
125	Nanostructures of tetranuclear copper(I) complexes with short Cu(I)–Cu(I) contacts: crystallization-induced emission enhancement. <i>Chemical Science</i> , 2011 , 2, 1509	9.4	32
124	Semiconducting and Electroluminescent Nanowires Self-Assembled from Organoplatinum(II) Complexes. <i>Angewandte Chemie</i> , 2008 , 120, 10043-10047	3.6	32
123	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
122	Homoleptic gold(II) N-heterocyclic allenylidene complexes: excited-state properties and lyotropic chromonics. <i>Chemical Communications</i> , 2016 , 52, 4983-6	5.8	31
121	Organoplatinum(II) complexes with nucleobase motifs as inhibitors of human topoisomerase II catalytic activity. <i>Chemistry - an Asian Journal</i> , 2010 , 5, 2271-80	4.5	31
120	Correlating thermochromic and mechanochromic phosphorescence with polymorphs of a complex gold(II) double salt with infinite auophilicity. <i>Chemical Communications</i> , 2018 , 54, 12844-12847	5.8	30
119	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
118	In situ observation of the thermal stability of black phosphorus. <i>2D Materials</i> , 2017 , 4, 025001	5.9	29
117	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
116	Self-doped rutile titania with high performance for direct and ultrafast assay of H ₂ O ₂ . <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 12784-8	9.5	29
115	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
114	The oxidation behavior of Ti _{46.5} Al ₁₅ Nb at 900 °C. <i>Intermetallics</i> , 2007 , 15, 989-998	3.5	28
113	Optical temperature sensing properties of KLu ₂ F ₇ : Yb ³⁺ /Er ³⁺ /Nd ³⁺ nanoparticles under NIR excitation. <i>Journal of Alloys and Compounds</i> , 2018 , 742, 497-503	5.7	27
112	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
111	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
110	Spectacular luminescent behaviour of tandem terpyridyl platinum(II) acetylide complexes attributed to solvent effect on ordering of excited states, π - π pair formation and molecular conformations. <i>Chemical Science</i> , 2011 , 2, 221-228	9.4	27

109	Effects of discrete energy levels on single-electron tunneling in coupled metal particles. <i>Applied Physics Letters</i> , 2003 , 82, 3767-3769	3.4	27
108	Poly(1-adamantyl acrylate): Living Anionic Polymerization, Block Copolymerization, and Thermal Properties. <i>Macromolecules</i> , 2016 , 49, 9406-9414	5.5	27
107	Morphology-controlled synthesis of self-assembled LiFePO ₄ /C/RGO for high-performance Li-ion batteries. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 17556-63	9.5	26
106	Thermotropic liquid crystals based on 1,8,9,16-tetrasubstituted tetraphenylenes and their structure-property relationship studies. <i>Chemical Science</i> , 2011 , 2, 1068	9.4	26
105	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
104	Phase and Facet Control of Molybdenum Carbide Nanosheet Observed by In Situ TEM. <i>Small</i> , 2017 , 13, 1700051	11	25
103	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
102	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
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100	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
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- 1 Spatial Interference Alignment with Limited Precoding Matrix Feedback in a Wireless Multi-User Interference Channel for Smart Grids. *Energies*, **2022**, 15, 1820 3.1