Wei Huang

List of Publications by Year
in descending order

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2,544	159,012	85 173	411 284
papers	citations	h-index	g-index

2572	2572	2572	107007
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermally Activated Delayed Fluorescence Materials Towards the Breakthrough of Organoelectronics. Advanced Materials, 2014, 26, 7931-7958.	11.1	1,617
2	Latest advances in supercapacitors: from new electrode materials to novel device designs. Chemical Society Reviews, 2017, 46, 6816-6854.	18.7	1,567
3	Perovskite light-emitting diodes based on spontaneously formed submicrometre-scale structures. Nature, 2018, 562, 249-253.	13.7	1,555
4	Heteroatom-doped graphene materials: syntheses, properties and applications. Chemical Society Reviews, 2014, 43, 7067-7098.	18.7	1,547
5	Perovskite light-emitting diodes based on solution-processed self-organized multiple quantum wells. Nature Photonics, 2016, 10, 699-704.	15.6	1,535
6	3D Grapheneâ€“Cobalt Oxide Electrode for High-Performance Supercapacitor and Enzymeless Glucose Detection. ACS Nano, 2012, 6, 3206-3213.	7.3	1,510
7	Enhancing solar cell efficiency: the search for luminescent materials as spectral converters. Chemical Society Reviews, 2013, 42, 173-201.	18.7	1,446
8	Stabilizing triplet excited states for ultralong organic phosphorescence. Nature Materials, 2015, 14, 685-690.	13.3	1,404
9	All-inorganic perovskite nanocrystal scintillators. Nature, 2018, 561, 88-93.	13.7	1,274
10	Recent progress in metalâ€“organic complexes for optoelectronic applications. Chemical Society Reviews, 2014, 43, 3259-3302.	18.7	996
11	Rational molecular passivation for high-performance perovskite light-emitting diodes. Nature Photonics, 2019, 13, 418-424.	15.6	970
12	Temporal full-colour tuning through non-steady-state upconversion. Nature Nanotechnology, 2015, 10, 237-242.	15.6	834
13	High phase-purity 1Tâ€²-MoS2- and 1Tâ€²-MoSe2-layered crystals. Nature Chemistry, 2018, 10, 638-643.	6.6	757
14	Lanthanide-Activated Phosphors Based on 4f-5d Optical Transitions: Theoretical and Experimental Aspects. Chemical Reviews, 2017, 117, 4488-4527.	23.0	702
15	Stretchable Ti₃C₂T_x MXene/Carbon Nanotube Composite Based Strain Sensor with Ultrahigh Sensitivity and Tunable Sensing Range. ACS Nano, 2018, 12, 56-62.	7.3	696
16	Smart responsive phosphorescent materials for data recording and security protection. Nature Communications, 2014, 5, 3601.	5.8	694
17	Long-Lived Emissive Probes for Time-Resolved Photoluminescence Bioimaging and Biosensing. Chemical Reviews, 2018, 118, 1770-1839.	23.0	644
18	Interfacial Control Toward Efficient and Lowâ€Voltage Perovskite Lightâ€Emitting Diodes. Advanced Materials, 2015, 27, 2311-2316.	11.1	631

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19	Combination of Small Molecule Prodrug and Nanodrug Delivery: Amphiphilic Drugâ€“Drug Conjugate for Cancer Therapy. Journal of the American Chemical Society, 2014, 136, 11748-11756.	6.6	628
20	Excited State Modulation for Organic Afterglow: Materials and Applications. Advanced Materials, 2016, 28, 9920-9940.	11.1	616
21	Recent Advances on Graphene Quantum Dots: From Chemistry and Physics to Applications. Advanced Materials, 2019, 31, e1808283.	11.1	603
22	Nitrogen and Sulfur Codoped Graphene: Multifunctional Electrode Materials for Highâ€Performance Liâ€Ion Batteries and Oxygen Reduction Reaction. Advanced Materials, 2014, 26, 6186-6192.	11.1	598
23	Black Phosphorus Quantum Dots. Angewandte Chemie - International Edition, 2015, 54, 3653-3657.	7.2	594
24	Colour-tunable ultra-long organic phosphorescence of a single-component molecular crystal. Nature Photonics, 2019, 13, 406-411.	15.6	579
25	Centimeter-Long and Large-Scale Micropatterns of Reduced Graphene Oxide Films: Fabrication and Sensing Applications. ACS Nano, 2010, 4, 3201-3208.	7.3	571
26	Leadâ€Free Organicâ€“Inorganic Hybrid Perovskites for Photovoltaic Applications: Recent Advances and Perspectives. Advanced Materials, 2017, 29, 1605005.	11.1	568
27	Interdiffusion Reaction-Assisted Hybridization of Two-Dimensional Metalâ€“Organic Frameworks and Ti₃C₂T_x Nanosheets for Electrocatalytic Oxygen Evolution. ACS Nano, 2017, 11, 5800-5807.	7.3	557
28	Hybrid 2D Dualâ€Metalâ€“Organic Frameworks for Enhanced Water Oxidation Catalysis. Advanced Functional Materials, 2018, 28, 1801554.	7.8	550
29	Flexible supercapacitors based on paper substrates: a new paradigm for low-cost energy storage. Chemical Society Reviews, 2015, 44, 5181-5199.	18.7	546
30	Binary metal oxide: advanced energy storage materials in supercapacitors. Journal of Materials Chemistry A, 2015, 3, 43-59.	5.2	523
31	Electrical Detection of DNA Hybridization with Singleâ€Base Specificity Using Transistors Based on CVDâ€Grown Graphene Sheets. Advanced Materials, 2010, 22, 1649-1653.	11.1	516
32	Stabilizing black-phase formamidinium perovskite formation at room temperature and high humidity. Science, 2021, 371, 1359-1364.	6.0	508
33	Selfâ€Assembly of Hyperbranched Polymers and Its Biomedical Applications. Advanced Materials, 2010, 22, 4567-4590.	11.1	503
34	Surface Modified Ti₃C₂ MXene Nanosheets for Tumor Targeting Photothermal/Photodynamic/Chemo Synergistic Therapy. ACS Applied Materials & Interfaces, 2017, 9, 40077-40086.	4.0	491
35	Printable Transparent Conductive Films for Flexible Electronics. Advanced Materials, 2018, 30, 1704738.	11.1	491
36	Oneâ€Step Electrochemical Synthesis of Graphene/Polyaniline Composite Film and Its Applications. Advanced Functional Materials, 2011, 21, 2989-2996.	7.8	487

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37	Muscle-Inspired Self-Healing Hydrogels for Strain and Temperature Sensor. ACS Nano, 2020, 14, 218-228.	7.3	476
38	Transcending the slow bimolecular recombination in lead-halide perovskites for electroluminescence. Nature Communications, 2017, 8, 14558.	5.8	473
39	Stability of Perovskite Solar Cells: A Prospective on the Substitution of the Aâ€…Cation and Xâ€…Anion. Angewandte Chemie - International Edition, 2017, 56, 1190-1212.	7.2	473
40	Recent Progress on Circularly Polarized Luminescent Materials for Organic Optoelectronic Devices. Advanced Optical Materials, 2018, 6, 1800538.	3.6	473
41	Superhydrophobic and superoleophilic hybrid foam of graphene and carbon nanotube for selective removal of oils or organic solvents from the surface of water. Chemical Communications, 2012, 48, 10660.	2.2	471
42	Efficient and stable Ruddlesdenâ€“Popper perovskite solar cell with tailored interlayer molecular interaction. Nature Photonics, 2020, 14, 154-163.	15.6	443
43	Polymerâ€Based Resistive Memory Materials and Devices. Advanced Materials, 2014, 26, 570-606.	11.1	440
44	Stretchable, Transparent, and Selfâ€Patterned Hydrogelâ€Based Pressure Sensor for Human Motions Detection. Advanced Functional Materials, 2018, 28, 1802576.	7.8	430
45	A Mitochondriaâ€Targeted Photosensitizer Showing Improved Photodynamic Therapy Effects Under Hypoxia. Angewandte Chemie - International Edition, 2016, 55, 9947-9951.	7.2	422
46	Stretchable Thinâ€Film Electrodes for Flexible Electronics with High Deformability and Stretchability. Advanced Materials, 2015, 27, 3349-3376.	11.1	419
47	Ultralong Phosphorescence of Waterâ€Soluble Organic Nanoparticles for In Vivo Afterglow Imaging. Advanced Materials, 2017, 29, 1606665.	11.1	419
48	Spiro-Functionalized Polyfluorene Derivatives as Blue Light-Emitting Materials. Advanced Materials, 2000, 12, 828-831.	11.1	418
49	An Aqueous Rechargeable Zn//Co₃O₄ Battery with High Energy Density and Good Cycling Behavior. Advanced Materials, 2016, 28, 4904-4911.	11.1	417
50	Enzymatic glucose biosensor based on ZnO nanorod array grown by hydrothermal decomposition. Applied Physics Letters, 2006, 89, 123902.	1.5	415
51	Simultaneously Enhancing Efficiency and Lifetime of Ultralong Organic Phosphorescence Materials by Molecular Self-Assembly. Journal of the American Chemical Society, 2018, 140, 10734-10739.	6.6	399
52	Preparation of MoS₂â€Polyvinylpyrrolidone Nanocomposites for Flexible Nonvolatile Rewritable Memory Devices with Reduced Graphene Oxide Electrodes. Small, 2012, 8, 3517-3522.	5.2	393
53	Efficient and Long-Lived Room-Temperature Organic Phosphorescence: Theoretical Descriptors for Molecular Designs. Journal of the American Chemical Society, 2019, 141, 1010-1015.	6.6	389
54	Recent progress in the ZnO nanostructure-based sensors. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2011, 176, 1409-1421.	1.7	379

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55	Ti₃C₂T_X MXene for Sensing Applications: Recent Progress, Design Principles, and Future Perspectives. ACS Nano, 2021, 15, 3996-4017.	7.3	361
56	Printed supercapacitors: materials, printing and applications. Chemical Society Reviews, 2019, 48, 3229-3264.	18.7	360
57	Diketopyrrolopyrroleâ€“Triphenylamine Organic Nanoparticles as Multifunctional Reagents for Photoacoustic Imaging-Guided Photodynamic/Photothermal Synergistic Tumor Therapy. ACS Nano, 2017, 11, 1054-1063.	7.3	359
58	Recent Advances in Polymerâ€Based Metalâ€Free Roomâ€Temperature Phosphorescent Materials. Advanced Functional Materials, 2018, 28, 1802657.	7.8	357
59	Two-dimensional Ruddlesdenâ€“Popper layered perovskite solar cells based on phase-pure thin films. Nature Energy, 2021, 6, 38-45.	19.8	342
60	Enhanced valley splitting in monolayer WSe2 due to magnetic exchange field. Nature Nanotechnology, 2017, 12, 757-762.	15.6	340
61	Transferring Biomarker into Molecular Probe: Melanin Nanoparticle as a Naturally Active Platform for Multimodality Imaging. Journal of the American Chemical Society, 2014, 136, 15185-15194.	6.6	338
62	Emerging photothermal-derived multimodal synergistic therapy in combating bacterial infections. Chemical Society Reviews, 2021, 50, 8762-8789.	18.7	337
63	A flexible Eu(iii)-based metalâ€“organic framework: turn-off luminescent sensor for the detection of Fe(iii) and picric acid. Dalton Transactions, 2013, 42, 12403.	1.6	333
64	Amphiphilic Graphene Composites. Angewandte Chemie - International Edition, 2010, 49, 9426-9429.	7.2	325
65	Highly conductive three-dimensional MnO₂â€“carbon nanotubeâ€“grapheneâ€“Ni hybrid foam as a binder-free supercapacitor electrode. Nanoscale, 2014, 6, 1079-1085.	2.8	325
66	An Exonuclease IIIâ€Powered, Onâ€Particle Stochastic DNA Walker. Angewandte Chemie - International Edition, 2017, 56, 1855-1858.	7.2	325
67	Strain-induced directâ€“indirect bandgap transition and phonon modulation in monolayer WS2. Nano Research, 2015, 8, 2562-2572.	5.8	323
68	Minimising efficiency roll-off in high-brightness perovskite light-emitting diodes. Nature Communications, 2018, 9, 608.	5.8	322
69	Visibleâ€Lightâ€Excited Ultralong Organic Phosphorescence by Manipulating Intermolecular Interactions. Advanced Materials, 2017, 29, 1701244.	11.1	320
70	Lanthanide-Doped Na_xScF_{3+x} Nanocrystals: Crystal Structure Evolution and Multicolor Tuning. Journal of the American Chemical Society, 2012, 134, 8340-8343.	6.6	315
71	Peripheral Amplification of Multiâ€Resonance Induced Thermally Activated Delayed Fluorescence for Highly Efficient OLEDs. Angewandte Chemie - International Edition, 2018, 57, 11316-11320.	7.2	314
72	General synthesis of noble metal (Au, Ag, Pd, Pt) nanocrystal modified MoS₂ nanosheets and the enhanced catalytic activity of Pdâ€“MoS₂ for methanol oxidation. Nanoscale, 2014, 6, 5762-5769.	2.8	311

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73	One-pot synthesis of heterogeneous Co3O4-nanocube/Co(OH)2-nanosheet hybrids for high-performance flexible asymmetric all-solid-state supercapacitors. Nano Energy, 2017, 35, 138-145.	8.2	305
74	Additive engineering for highly efficient organicâ€“inorganic halide perovskite solar cells: recent advances and perspectives. Journal of Materials Chemistry A, 2017, 5, 12602-12652.	5.2	303
75	Non-volatile resistive memory devices based on solution-processed ultrathin two-dimensional nanomaterials. Chemical Society Reviews, 2015, 44, 2615-2628.	18.7	302
76	Recent Developments in Topâ€Emitting Organic Lightâ€Emitting Diodes. Advanced Materials, 2010, 22, 5227-5239.	11.1	298
77	3D Graphene Foam as a Monolithic and Macroporous Carbon Electrode for Electrochemical Sensing. ACS Applied Materials & Interfaces, 2012, 4, 3129-3133.	4.0	292
78	Instantaneous ballistic velocity of suspended Brownian nanocrystals measured by upconversion nanothermometry. Nature Nanotechnology, 2016, 11, 851-856.	15.6	292
79	Hybrid structure of zinc oxide nanorods and three dimensional graphene foam for supercapacitor and electrochemical sensor applications. RSC Advances, 2012, 2, 4364.	1.7	285
80	Tunable Synthesis of Bismuth Ferrites with Various Morphologies. Advanced Materials, 2006, 18, 2145-2148.	11.1	283
81	Mo₂Câ€Derived Polyoxometalate for NIRâ€II Photoacoustic Imagingâ€Guided Chemodynamic/Photothermal Synergistic Therapy. Angewandte Chemie - International Edition, 2019, 58, 18641-18646.	7.2	281
82	Polyfluorene-based semiconductors combined with various periodic table elements for organic electronics. Progress in Polymer Science, 2012, 37, 1192-1264.	11.8	280
83	Conjugatedâ€Polyelectrolyteâ€Functionalized Reduced Graphene Oxide with Excellent Solubility and Stability in Polar Solvents. Small, 2010, 6, 663-669.	5.2	278
84	Allâ€inâ€One Phototheranostics: Single Laser Triggers NIRâ€II Fluorescence/Photoacoustic Imaging Guided Photothermal/Photodynamic/Chemo Combination Therapy. Advanced Functional Materials, 2019, 29, 1901480.	7.8	278
85	Color-tunable ultralong organic room temperature phosphorescence from a multicomponent copolymer. Nature Communications, 2020, 11, 944.	5.8	278
86	Controllable Design of MoS₂ Nanosheets Anchored on Nitrogenâ€Doped Graphene: Toward Fast Sodium Storage by Tunable Pseudocapacitance. Advanced Materials, 2018, 30, e1800658.	11.1	275
87	Improving the Stability of Metal Halide Perovskite Quantum Dots by Encapsulation. Advanced Materials, 2019, 31, e1900682.	11.1	270
88	Hybrid NiCo₂S₄@MnO₂ heterostructures for high-performance supercapacitor electrodes. Journal of Materials Chemistry A, 2015, 3, 1258-1264.	5.2	269
89	Blue-Light-Emitting Fluorene-Based Polymers with Tunable Electronic Properties. Chemistry of Materials, 2001, 13, 1984-1991.	3.2	268
90	Oriented Quasiâ€2D Perovskites for High Performance Optoelectronic Devices. Advanced Materials, 2018, 30, e1804771.	11.1	268

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91	Recent developments in lanthanide-based luminescent probes. Coordination Chemistry Reviews, 2014, 273-274, 201-212.	9.5	267
92	Spectral and Thermal Spectral Stability Study for Fluorene-Based Conjugated Polymers. Macromolecules, 2002, 35, 6907-6914.	2.2	266
93	Microwave Synthesis of Waterâ€Dispersed CdTe/CdS/ZnS Coreâ€Shellâ€Shell Quantum Dots with Excellent Photostability and Biocompatibility. Advanced Materials, 2008, 20, 3416-3421.	11.1	261
94	Encapsulation of sulfur with thin-layered nickel-based hydroxides for long-cyclic lithiumâ€“sulfur cells. Nature Communications, 2015, 6, 8622.	5.8	259
95	Confining isolated chromophores for highly efficient blue phosphorescence. Nature Materials, 2021, 20, 1539-1544.	13.3	257
96	A flexible pressure sensor based on rGO/polyaniline wrapped sponge with tunable sensitivity for human motion detection. Nanoscale, 2018, 10, 10033-10040.	2.8	255
97	Bioapplications of small molecule Aza-BODIPY: from rational structural design toin vivoinvestigations. Chemical Society Reviews, 2020, 49, 7533-7567.	18.7	255
98	Porous hollow Co₃O₄with rhombic dodecahedral structures for high-performance supercapacitors. Nanoscale, 2014, 6, 14354-14359.	2.8	252
99	Rejuvenated Photodynamic Therapy for Bacterial Infections. Advanced Healthcare Materials, 2019, 8, e1900608.	3.9	252
100	Organic solid-state lasers: a materials view and future development. Chemical Society Reviews, 2020, 49, 5885-5944.	18.7	250
101	Recent Progress of Janus 2D Transition Metal Chalcogenides: From Theory to Experiments. Small, 2018, 14, e1802091.	5.2	247
102	Room-Temperature Molten Salt for Facile Fabrication of Efficient and Stable Perovskite Solar Cells in Ambient Air. CheM, 2019, 5, 995-1006.	5.8	245
103	Synthesis and Luminescence Properties of Novel Eu-Containing Copolymers Consisting of Eu(III)â˜Acrylateâ˜Î²-Diketonate Complex Monomers and Methyl Methacrylate. Chemistry of Materials, 2000, 12, 2212-2218.	3.2	244
104	Enhancing Ultralong Organic Phosphorescence by Effective Ï€â€Type Halogen Bonding. Advanced Functional Materials, 2018, 28, 1705045.	7.8	244
105	Long Electronâ€“Hole Diffusion Length in Highâ€Quality Leadâ€Free Double Perovskite Films. Advanced Materials, 2018, 30, e1706246.	11.1	242
106	Dynamic Ultralong Organic Phosphorescence by Photoactivation. Angewandte Chemie - International Edition, 2018, 57, 8425-8431.	7.2	241
107	All Paper-Based Flexible and Wearable Piezoresistive Pressure Sensor. ACS Applied Materials & Interfaces, 2019, 11, 25034-25042.	4.0	240
108	Organic phosphors with bright triplet excitons for efficient X-ray-excited luminescence. Nature Photonics, 2021, 15, 187-192.	15.6	237

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109	Shape-controlled synthesis of NiCo₂S₄and their charge storage characteristics in supercapacitors. Nanoscale, 2014, 6, 9824.	2.8	235
110	Molecular imaging of biological systems with a clickable dye in the broad 800- to 1,700-nm near-infrared window. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 962-967.	3.3	230
111	Redâ€Carbonâ€Quantumâ€Dotâ€Doped SnO₂ Composite with Enhanced Electron Mobility for Efficient and Stable Perovskite Solar Cells. Advanced Materials, 2020, 32, e1906374.	11.1	230
112	A Simple Approach to Boost Capacitance: Flexible Supercapacitors Based on Manganese Oxides@MOFs via Chemically Induced In Situ Selfâ€Transformation. Advanced Materials, 2016, 28, 5242-5248.	11.1	229
113	Organic Dye Based Nanoparticles for Cancer Phototheranostics. Small, 2018, 14, e1704247.	5.2	226
114	An Effective Friedelâ^'Crafts Postfunctionalization of Poly(N-vinylcarbazole) to Tune Carrier Transportation of Supramolecular Organic Semiconductors Based on Ï€-Stacked Polymers for Nonvolatile Flash Memory Cell. Journal of the American Chemical Society, 2008, 130, 2120-2121.	6.6	225
115	Self-Assembly of Reduced Graphene Oxide into Three-Dimensional Architecture by Divalent Ion Linkage. Journal of Physical Chemistry C, 2010, 114, 22462-22465.	1.5	225
116	Hybrid Rhodamine Fluorophores in the Visible/NIR Region for Biological Imaging. Angewandte Chemie - International Edition, 2019, 58, 14026-14043.	7.2	224
117	Microwaveâ€Assisted Preparation of White Fluorescent Graphene Quantum Dots as a Novel Phosphor for Enhanced Whiteâ€Lightâ€Emitting Diodes. Advanced Functional Materials, 2016, 26, 2739-2744.	7.8	223
118	Peryleneâ€Diimideâ€Based Nanoparticles as Highly Efficient Photoacoustic Agents for Deep Brain Tumor Imaging in Living Mice. Advanced Materials, 2015, 27, 843-847.	11.1	222
119	A microporous luminescent europium metalâ€“organic framework for nitro explosive sensing. Dalton Transactions, 2013, 42, 5718.	1.6	220
120	Semiconducting Polymer Nanoparticles as Theranostic System for Near-Infrared-II Fluorescence Imaging and Photothermal Therapy under Safe Laser Fluence. ACS Nano, 2020, 14, 2509-2521.	7.3	220
121	Mesoporous Metalâ€“Organic Frameworks with Sizeâ€, Shapeâ€, and Spaceâ€Distributionâ€Controlled Pore Structure. Advanced Materials, 2015, 27, 2923-2929.	11.1	217
122	Facile Synthesis of Highly Efficient Lepidineâ€Based Phosphorescent Iridium(III) Complexes for Yellow and White Organic Lightâ€Emitting Diodes. Advanced Functional Materials, 2016, 26, 881-894.	7.8	217
123	Design of Amorphous Manganese Oxide@Multiwalled Carbon Nanotube Fiber for Robust Solid-State Supercapacitor. ACS Nano, 2017, 11, 444-452.	7.3	216
124	Achieving efficient photodynamic therapy under both normoxia and hypoxia using cyclometalated Ru(<scp>ii</scp>) photosensitizer through type I photochemical process. Chemical Science, 2018, 9, 502-512.	3.7	216
125	Printed gas sensors. Chemical Society Reviews, 2020, 49, 1756-1789.	18.7	216
126	Bulk Heterojunction Polymer Memory Devices with Reduced Graphene Oxide as Electrodes. ACS Nano, 2010, 4, 3987-3992.	7.3	215

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127	Metalâ€“organic framework derived CoSe2 nanoparticles anchored on carbon fibers as bifunctional electrocatalysts for efficient overall water splitting. Nano Research, 2016, 9, 2234-2243.	5.8	215
128	Fabrication of Flexible, Allâ€Reduced Graphene Oxide Nonâ€Volatile Memory Devices. Advanced Materials, 2013, 25, 233-238.	11.1	207
129	Hydrogenâ€Bonded Organic Aromatic Frameworks for Ultralong Phosphorescence by Intralayer ï€â€“ï€ Interactions. Angewandte Chemie - International Edition, 2018, 57, 4005-4009.	7.2	207
130	Fluorescent/phosphorescent dual-emissive conjugated polymer dots for hypoxia bioimaging. Chemical Science, 2015, 6, 1825-1831.	3.7	205
131	A Significantly Twisted Spirocyclic Phosphine Oxide as a Universal Host for High-Efficiency Full-Color Thermally Activated Delayed Fluorescence Diodes. Advanced Materials, 2016, 28, 3122-3130.	11.1	204
132	DNA Hydrogel with Aptamer-Toehold-Based Recognition, Cloaking, and Decloaking of Circulating Tumor Cells for Live Cell Analysis. Nano Letters, 2017, 17, 5193-5198.	4.5	204
133	Stable field emission from hydrothermally grown ZnO nanotubes. Applied Physics Letters, 2006, 88, 213102.	1.5	203
134	Inherently Eu²⁺/Eu³⁺ Codoped Sc₂O₃ Nanoparticles asÂHighâ€Performance Nanothermometers. Advanced Materials, 2018, 30, e1705256.	11.1	203
135	Degradable Semiconducting Oligomer Amphiphile for Ratiometric Photoacoustic Imaging of Hypochlorite. ACS Nano, 2017, 11, 4174-4182.	7.3	202
136	Allâ€Carbon Electronic Devices Fabricated by Directly Grown Singleâ€Walled Carbon Nanotubes on Reduced Graphene Oxide Electrodes. Advanced Materials, 2010, 22, 3058-3061.	11.1	201
137	Black Phosphorus Nanosheets Immobilizing Ce6 for Imaging-Guided Photothermal/Photodynamic Cancer Therapy. ACS Applied Materials & Interfaces, 2018, 10, 12431-12440.	4.0	201
138	Artificial Sensory Memory. Advanced Materials, 2020, 32, e1902434.	11.1	200
139	Bismuth-based photocatalysts for solar energy conversion. Journal of Materials Chemistry A, 2020, 8, 24307-24352.	5.2	200
140	Enabling long-lived organic room temperature phosphorescence in polymers by subunit interlocking. Nature Communications, 2019, 10, 4247.	5.8	199
141	Stimuliâ€Responsive Circularly Polarized Organic Ultralong Room Temperature Phosphorescence. Angewandte Chemie - International Edition, 2020, 59, 4756-4762.	7.2	198
142	Synthesis of grapheneâ€“carbon nanotube hybrid foam and its use as a novel three-dimensional electrode for electrochemical sensing. Journal of Materials Chemistry, 2012, 22, 17044.	6.7	197
143	Ultrasmall Phosphorescent Polymer Dots for Ratiometric Oxygen Sensing and Photodynamic Cancer Therapy. Advanced Functional Materials, 2014, 24, 4823-4830.	7.8	197
144	Probing Charged Impurities in Suspended Graphene Using Raman Spectroscopy. ACS Nano, 2009, 3, 569-574.	7.3	196

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145	3D Printed Flexible Strain Sensors: From Printing to Devices and Signals. Advanced Materials, 2021, 33, e2004782.	11.1	195
146	Variable Photophysical Properties of Phosphorescent Iridium(III) Complexes Triggered by closoâ€• and nidoâ€Carborane Substitution. Angewandte Chemie - International Edition, 2013, 52, 13434-13438.	7.2	194
147	Extraordinarily Stretchable Allâ€Carbon Collaborative Nanoarchitectures for Epidermal Sensors. Advanced Materials, 2017, 29, 1606411.	11.1	194
148	Thermally activated triplet exciton release for highly efficient tri-mode organic afterglow. Nature Communications, 2020, 11, 842.	5.8	194
149	Regulating Dendriteâ€Free Zinc Deposition by 3D Zincopilic Nitrogenâ€Doped Vertical Graphene for Highâ€Performance Flexible Znâ€Ion Batteries. Advanced Functional Materials, 2021, 31, 2103922.	7.8	194
150	Palladium Nanoparticles Supported on Nitrogen and Sulfur Dual-Doped Graphene as Highly Active Electrocatalysts for Formic Acid and Methanol Oxidation. ACS Applied Materials & Interfaces, 2016, 8, 10858-10865.	4.0	193
151	Recent progress on organic donorâ€“acceptor complexes as active elements in organic field-effect transistors. Journal of Materials Chemistry C, 2018, 6, 3485-3498.	2.7	192
152	Smallâ€Moleculeâ€Based Organic Fieldâ€Effect Transistor for Nonvolatile Memory and Artificial Synapse. Advanced Functional Materials, 2019, 29, 1904602.	7.8	192
153	High-Performance Foam-Shaped Strain Sensor Based on Carbon Nanotubes and Ti₃C₂T_x MXene for the Monitoring of Human Activities. ACS Nano, 2021, 15, 9690-9700.	7.3	191
154	Solving mazes with single-molecule DNA navigators. Nature Materials, 2019, 18, 273-279.	13.3	190
155	Stretchable Organic Semiconductor Devices. Advanced Materials, 2016, 28, 9243-9265.	11.1	188
156	Visibleâ€Light Excited Luminescent Thermometer Based on Single Lanthanide Organic Frameworks. Advanced Functional Materials, 2016, 26, 8677-8684.	7.8	188
157	Highly stretchable and autonomously healable epidermal sensor based on multi-functional hydrogel frameworks. Journal of Materials Chemistry A, 2019, 7, 5949-5956.	5.2	187
158	A Facile and Universal Topâ€Down Method for Preparation of Monodisperse Transitionâ€Metal Dichalcogenide Nanodots. Angewandte Chemie - International Edition, 2015, 54, 5425-5428.	7.2	185
159	Ag@MoS₂ Coreâ€“Shell Heterostructure as SERS Platform to Reveal the Hydrogen Evolution Active Sites of Single-Layer MoS₂. Journal of the American Chemical Society, 2020, 142, 7161-7167.	6.6	185
160	A Family of Electroluminescent Silyl-Substituted Poly(p-phenylenevinylene)s:Â Synthesis, Characterization, and Structureâ^Property Relationships. Macromolecules, 2000, 33, 9015-9025.	2.2	184
161	Single Polymerâ€Based Ternary Electronic Memory Material and Device. Advanced Materials, 2012, 24, 2901-2905.	11.1	184
162	Graphene Fieldâ€Effect Transistor and Its Application for Electronic Sensing. Small, 2014, 10, 4042-4065.	5.2	184

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163	High-performance free-standing PEDOT:PSS electrodes for flexible and transparent all-solid-state supercapacitors. Journal of Materials Chemistry A, 2016, 4, 10493-10499.	5.2	184
164	Perovskite Solar Cells for Space Applications: Progress and Challenges. Advanced Materials, 2021, 33, e2006545.	11.1	184
165	Design and Synthesis of Bipyridyl-Containing Conjugated Polymers:Â Effects of Polymer Rigidity on Metal Ion Sensing. Macromolecules, 2001, 34, 7932-7940.	2.2	183
166	Microwave-Assisted Growth and Characterization of Water-Dispersed CdTe/CdS Coreâ"Shell Nanocrystals with High Photoluminescence. Journal of Physical Chemistry B, 2006, 110, 13370-13374.	1.2	183
167	One-step growth of grapheneâ€"carbon nanotube hybrid materials by chemical vapor deposition. Carbon, 2011, 49, 2944-2949.	5.4	182
168	Ultrathin two-dimensional metal-organic framework nanosheets for functional electronic devices. Coordination Chemistry Reviews, 2018, 377, 44-63.	9.5	182
169	Solvent Engineering of the Precursor Solution toward Largeâ€Area Production of Perovskite Solar Cells. Advanced Materials, 2021, 33, e2005410.	11.1	182
170	Synthesis, Characterization, and Structureâ"Property Relationship of Novel Fluoreneâ"Thiophene-Based Conjugated Copolymers. Macromolecules, 2000, 33, 8945-8952.	2.2	181
171	Microwave-Assisted Synthesis of Water-Dispersed CdTe Nanocrystals with High Luminescent Efficiency and Narrow Size Distribution. Chemistry of Materials, 2007, 19, 359-365.	3.2	181
172	Enhanced Thermopower of Graphene Films with Oxygen Plasma Treatment. ACS Nano, 2011, 5, 2749-2755.	7.3	181
173	Circularly polarized luminescence from organic micro-/nano-structures. Light: Science and Applications, 2021, 10, 76.	7.7	180
174	MOF-directed templating synthesis of a porous multicomponent dodecahedron with hollow interiors for enhanced lithium-ion battery anodes. Journal of Materials Chemistry A, 2015, 3, 8483-8488.	5.2	178
175	Conductive Hydrogelâ€Based Electrodes and Electrolytes for Stretchable and Selfâ€Healable Supercapacitors. Advanced Functional Materials, 2021, 31, 2101303.	7.8	178
176	Unveiling the additive-assisted oriented growth of perovskite crystallite for high performance light-emitting diodes. Nature Communications, 2021, 12, 5081.	5.8	178
177	Growth mechanism of tubular ZnO formed in aqueous solution. Nanotechnology, 2006, 17, 1740-1744.	1.3	177
178	A Quasiâ€Solidâ€State Sodiumâ€Ion Capacitor with High Energy Density. Advanced Materials, 2015, 27, 6962-6968.	11.1	177
179	BODIPY Derivatives for Photodynamic Therapy: Influence of Configuration versus Heavy Atom Effect. ACS Applied Materials & Interfaces, 2017, 9, 32475-32481.	4.0	177
180	Ultra-large single-layer graphene obtained from solution chemical reduction and its electrical properties. Physical Chemistry Chemical Physics, 2010, 12, 2164.	1.3	176

#	Article	IF	Citations
181	Ultralong Phosphorescence from Organic Ionic Crystals under Ambient Conditions. Angewandte Chemie - International Edition, 2018, 57, 678-682.	7.2	176
182	Solvent Engineering Improves Efficiency of Lead-Free Tin-Based Hybrid Perovskite Solar Cells beyond 9%. ACS Energy Letters, 2018, 3, 2701-2707.	8.8	176
183	2D Intermediate Suppression for Efficient Ruddlesdenâ€“Popper (RP) Phase Lead-Free Perovskite Solar Cells. ACS Energy Letters, 2019, 4, 1513-1520.	8.8	176
184	Electrically Tunable Valley-Light Emitting Diode (vLED) Based on CVD-Grown Monolayer WS₂. Nano Letters, 2016, 16, 1560-1567.	4.5	175
185	Lead-Free Perovskite Materials for Solar Cells. Nano-Micro Letters, 2021, 13, 62.	14.4	175
186	A Novel Series of Efficient Thiophene-Based Light-Emitting Conjugated Polymers and Application in Polymer Light-Emitting Diodes. Macromolecules, 2000, 33, 2462-2471.	2.2	174
187	Structure and catalytic properties of vanadium oxide supported on mesocellulous silica foams (MCF) for the oxidative dehydrogenation of propane to propylene. Journal of Catalysis, 2006, 239, 125-136.	3.1	174
188	Kinked Starâ€Shaped Fluorene/ Triazatruxene Coâ€oligomer Hybrids with Enhanced Functional Properties for Highâ€Performance, Solutionâ€Processed, Blue Organic Lightâ€Emitting Diodes. Advanced Functional Materials, 2008, 18, 265-276.	7.8	174
189	Free-standing electrochemical electrode based on Ni(OH)₂/3D graphene foam for nonenzymatic glucose detection. Nanoscale, 2014, 6, 7424-7429.	2.8	174
190	Flexible and stretchable metalÂoxide nanofiber networks for multimodal and monolithically integrated wearable electronics. Nature Communications, 2020, 11, 2405.	5.8	174
191	Two-dimensional transition metal dichalcogenide nanomaterials for biosensing applications. Materials Chemistry Frontiers, 2017, 1, 24-36.	3.2	173
192	Type I Photosensitizers Revitalizing Photodynamic Oncotherapy. Small, 2021, 17, e2006742.	5.2	171
193	Dual-ligand and hard-soft-acid-base strategies to optimize metal-organic framework nanocrystals for stable electrochemical cycling performance. National Science Review, 2022, 9, .	4.6	171
194	Lamellar K2Co3(P2O7)2Â·2H2O nanocrystal whiskers: High-performance flexible all-solid-state asymmetric micro-supercapacitors via inkjet printing. Nano Energy, 2015, 15, 303-312.	8.2	170
195	pH-Triggered and Enhanced Simultaneous Photodynamic and Photothermal Therapy Guided by Photoacoustic and Photothermal Imaging. Chemistry of Materials, 2017, 29, 5216-5224.	3.2	170
196	Recent Advances on Hostâ€“Guest Material Systems toward Organic Room Temperature Phosphorescence. Small, 2022, 18, e2104073.	5.2	170
197	Tricyanometalate molecular chemistry: A type of versatile building blocks for the construction of cyano-bridged molecular architectures. Coordination Chemistry Reviews, 2011, 255, 1713-1732.	9.5	168
198	Selective synthesis of hierarchical mesoporous spinel NiCo2O4 for high-performance supercapacitors. Nanoscale, 2014, 6, 4303.	2.8	168

#	Article	IF	Citations
199	Coating Two-Dimensional Nanomaterials with Metalâ€“Organic Frameworks. ACS Nano, 2014, 8, 8695-8701.	7.3	168
200	Mitoâ€Bomb: Targeting Mitochondria for Cancer Therapy. Advanced Materials, 2021, 33, e2007778.	11.1	168
201	Three-Dimensional Nitrogen-Doped Carbon Nanotubes/Graphene Structure Used as a Metal-Free Electrocatalyst for the Oxygen Reduction Reaction. Journal of Physical Chemistry C, 2011, 115, 24592-24597.	1.5	167
202	Nanoionicsâ€Enabled Memristive Devices: Strategies and Materials for Neuromorphic Applications. Advanced Electronic Materials, 2017, 3, 1600510.	2.6	167
203	Two-dimensional light-emitting materials: preparation, properties and applications. Chemical Society Reviews, 2018, 47, 6128-6174.	18.7	167
204	Engineering Melanin Nanoparticles as an Efficient Drugâ€“Delivery System for Imagingâ€Guided Chemotherapy. Advanced Materials, 2015, 27, 5063-5069.	11.1	166
205	â€œDual Lockâ€andâ€Keyâ€â€Controlled Nanoprobes for Ultrahigh Specific Fluorescence Imaging in the Second Nearâ€Infrared Window. Advanced Materials, 2018, 30, e1801140.	11.1	166
206	Rational Design of Nanocarriers for Intracellular Protein Delivery. Advanced Materials, 2019, 31, e1902791.	11.1	166
207	Photoluminescent Poly(p-phenylenevinylene)s with an Aromatic Oxadiazole Moiety as the Side Chain:Â Synthesis, Electrochemistry, and Spectroscopy Study. Macromolecules, 1999, 32, 4351-4358.	2.2	165
208	Cationic Polyfluorenes with Phosphorescent Iridium(III) Complexes for Timeâ€Resolved Luminescent Biosensing and Fluorescence Lifetime Imaging. Advanced Functional Materials, 2013, 23, 3268-3276.	7.8	165
209	Activatable Semiconducting Theranostics: Simultaneous Generation and Ratiometric Photoacoustic Imaging of Reactive Oxygen Species In Vivo. Advanced Materials, 2018, 30, e1707509.	11.1	165
210	Multicolour synthesis in lanthanide-doped nanocrystals through cation exchange in water. Nature Communications, 2016, 7, 13059.	5.8	164
211	Clamped Hybridization Chain Reactions for the Selfâ€Assembly of Patterned DNA Hydrogels. Angewandte Chemie - International Edition, 2017, 56, 2171-2175.	7.2	164
212	Phosphorescent Polymeric Thermometers for In Vitro and In Vivo Temperature Sensing with Minimized Background Interference. Advanced Functional Materials, 2016, 26, 4386-4396.	7.8	162
213	Resonanceâ€Activated Spinâ€Flipping for Efficient Organic Ultralong Roomâ€Temperature Phosphorescence. Advanced Materials, 2018, 30, e1803856.	11.1	161
214	Wide-range lifetime-tunable and responsive ultralong organic phosphorescent multi-host/guest system. Nature Communications, 2021, 12, 3522.	5.8	161
215	Inkjet-printed flexible, transparent and aesthetic energy storage devices based on PEDOT:PSS/Ag grid electrodes. Journal of Materials Chemistry A, 2016, 4, 13754-13763.	5.2	160
216	Direct Hybridization of Noble Metal Nanostructures on 2D Metalâ€“Organic Framework Nanosheets To Catalyze Hydrogen Evolution. Nano Letters, 2019, 19, 8447-8453.	4.5	160

#	Article	IF	Citations
217	Solution-processed nitrogen-rich graphene-like holey conjugated polymer for efficient lithium ion storage. Nano Energy, 2017, 41, 117-127.	8.2	159
218	Growth of large-sized graphene thin-films by liquid precursor-based chemical vapor deposition under atmospheric pressure. Carbon, 2011, 49, 3672-3678.	5.4	158
219	Airâ€Stable Organic Radicals: Newâ€Generation Materials for Flexible Electronics?. Advanced Materials, 2020, 32, e1908015.	11.1	158
220	Tailoring Component Interaction for Airâ€Processed Efficient and Stable Allâ€Inorganic Perovskite Photovoltaic. Angewandte Chemie - International Edition, 2020, 59, 13354-13361.	7.2	158
221	Lanthanide metalâ€“organic frameworks assembled from a fluorene-based ligand: selective sensing of Pb²⁺ and Fe³⁺ ions. Journal of Materials Chemistry C, 2016, 4, 1900-1905.	2.7	157
222	Impact of Semiconducting Perylene Diimide Nanoparticle Size on Lymph Node Mapping and Cancer Imaging. ACS Nano, 2017, 11, 4247-4255.	7.3	157
223	Efficient and reproducible CH₃NH₃PbI_{3â^'x}(SCN)_xperovskite based planar solar cells. Chemical Communications, 2015, 51, 11997-11999.	2.2	156
224	Dopantâ€Free Hole Transporting Polymers for High Efficiency, Environmentally Stable Perovskite Solar Cells. Advanced Energy Materials, 2016, 6, 1600502.	10.2	156
225	Monodisperse Six-Armed Triazatruxenes:â€‰ Microwave-Enhanced Synthesis and Highly Efficient Pure-Deep-Blue Electroluminescence. Macromolecules, 2006, 39, 3707-3709.	2.2	155
226	Side-chain engineering of green color electrochromic polymer materials: toward adaptive camouflage application. Journal of Materials Chemistry C, 2016, 4, 2269-2273.	2.7	155
227	Efficient Red Perovskite Lightâ€Emitting Diodes Based on Solutionâ€Processed Multiple Quantum Wells. Advanced Materials, 2017, 29, 1606600.	11.1	155
228	Stimuliâ€Responsive Deepâ€Blue Organic Ultralong Phosphorescence with Lifetime over 5 s for Reversible Waterâ€Jet Antiâ€Counterfeiting Printing. Angewandte Chemie - International Edition, 2021, 60, 17094-17101.	7.2	155
229	Enhanced Solidâ€State Luminescence and Lowâ€Threshold Lasing from Starburst Macromolecular Materials. Advanced Materials, 2009, 21, 355-360.	11.1	154
230	FeCl₃â€Based Fewâ€Layer Graphene Intercalation Compounds: Single Linear Dispersion Electronic Band Structure and Strong Charge Transfer Doping. Advanced Functional Materials, 2010, 20, 3504-3509.	7.8	154
231	Multivalent Capture and Detection of Cancer Cells with DNA Nanostructured Biosensors and Multibranched Hybridization Chain Reaction Amplification. Analytical Chemistry, 2014, 86, 7843-7848.	3.2	154
232	Advancements in the stability of perovskite solar cells: degradation mechanisms and improvement approaches. RSC Advances, 2016, 6, 38079-38091.	1.7	154
233	PDI Derivative through Fine-Tuning the Molecular Structure for Fullerene-Free Organic Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 29924-29931.	4.0	154
234	CN-Containing donorâ€“acceptor-type small-molecule materials for thermally activated delayed fluorescence OLEDs. Journal of Materials Chemistry C, 2017, 5, 7699-7714.	2.7	154

#	Article	IF	Citations
235	Utilizing dâ€“pÏ€ Bonds for Ultralong Organic Phosphorescence. Angewandte Chemie - International Edition, 2019, 58, 6645-6649.	7.2	154
236	Teaching an Old Anchoring Group New Tricks: Enabling Low-Cost, Eco-Friendly Hole-Transporting Materials for Efficient and Stable Perovskite Solar Cells. Journal of the American Chemical Society, 2020, 142, 16632-16643.	6.6	154
237	Unexpected One-Pot Method to Synthesize Spiro[fluorene-9,9â€˜-xanthene] Building Blocks for Blue-Light-Emitting Materials. Organic Letters, 2006, 8, 2787-2790.	2.4	153
238	A H₂O₂ self-sufficient nanoplatform with domino effects for thermal-responsive enhanced chemodynamic therapy. Chemical Science, 2020, 11, 1926-1934.	3.7	152
239	WS2 moirelì•superlattices derived from mechanical flexibility for hydrogen evolution reaction. Nature Communications, 2021, 12, 5070.	5.8	152
240	Understanding the Control of Singlet-Triplet Splitting for Organic Exciton Manipulating: A Combined Theoretical and Experimental Approach. Scientific Reports, 2015, 5, 10923.	1.6	151
241	Multiphosphineâ€Oxide Hosts for Ultralowâ€Voltageâ€Driven Trueâ€Blue Thermally Activated Delayed Fluorescence Diodes with External Quantum Efficiency beyond 20%. Advanced Materials, 2016, 28, 479-485.	11.1	151
242	Dual-Phosphorescent Iridium(III) Complexes Extending Oxygen Sensing from Hypoxia to Hyperoxia. Journal of the American Chemical Society, 2018, 140, 7827-7834.	6.6	151
243	Screenâ€Printed Poly(3,4â€Ethylenedioxythiophene):Poly(Styrenesulfonate) Grids as ITOâ€Free Anodes for Flexible Organic Lightâ€Emitting Diodes. Advanced Functional Materials, 2018, 28, 1705955.	7.8	149
244	Fluorene-substituted pyrenesâ€”Novel pyrene derivatives as emitters in nondoped blue OLEDs. Organic Electronics, 2006, 7, 155-162.	1.4	148
245	The synthesis of shape-controlled MnO2/graphene composites via a facile one-step hydrothermal method and their application in supercapacitors. Journal of Materials Chemistry A, 2013, 1, 12818.	5.2	148
246	Amorphous nickel pyrophosphate microstructures for high-performance flexible solid-state electrochemical energy storage devices. Nano Energy, 2015, 17, 339-347.	8.2	148
247	Submonolayered Ru Deposited on Ultrathin Pd Nanosheets used for Enhanced Catalytic Applications. Advanced Materials, 2016, 28, 10282-10286.	11.1	148
248	Design of highly efficient deep-blue organic afterglow through guest sensitization and matrices rigidification. Nature Communications, 2020, 11, 4802.	5.8	148
249	Enhancing the Performance of Inverted Perovskite Solar Cells via Grain Boundary Passivation with Carbon Quantum Dots. ACS Applied Materials & Interfaces, 2019, 11, 3044-3052.	4.0	147
250	Recent developments of advanced micro-supercapacitors: design, fabrication and applications. Npj Flexible Electronics, 2020, 4, .	5.1	147
251	Identifying the origin of the V_{oc} deficit of kesterite solar cells from the two grain growth mechanisms induced by Sn²⁺ and Sn⁴⁺ precursors in DMSO solution. Energy and Environmental Science, 2021, 14, 2369-2380.	15.6	147
252	A Flexible Multimodal Sensor That Detects Strain, Humidity, Temperature, and Pressure with Carbon Black and Reduced Graphene Oxide Hierarchical Composite on Paper. ACS Applied Materials & Interfaces, 2019, 11, 40613-40619.	4.0	146

#	Article	IF	Citations
253	Large Nonlinear Absorption in Coated Ag2S/CdS Nanoparticles by Inverse Microemulsion. Journal of Physical Chemistry B, 1998, 102, 1884-1887.	1.2	145
254	Bi₂MoO₆ Nanobelts for Crystal Facetâ€Enhanced Photocatalysis. Small, 2014, 10, 2791-2795.	5.2	145
255	Unraveling Oxygen Evolution Reaction on Carbon-Based Electrocatalysts: Effect of Oxygen Doping on Adsorption of Oxygenated Intermediates. ACS Energy Letters, 2017, 2, 294-300.	8.8	145
256	Materials toward the Upscaling of Perovskite Solar Cells: Progress, Challenges, and Strategies. Advanced Functional Materials, 2018, 28, 1803753.	7.8	145
257	Dual-Functional Polyethylene Glycol-b-polyhexanide Surface Coating with in Vitro and in Vivo Antimicrobial and Antifouling Activities. ACS Applied Materials & Interfaces, 2017, 9, 10383-10397.	4.0	142
258	Application of Chelate Phosphine Oxide Ligand in EuIII Complex with Mezzo Triplet Energy Level, Highly Efficient Photoluminescent, and Electroluminescent Performances. Journal of Physical Chemistry B, 2006, 110, 3023-3029.	1.2	141
259	Electrochemically Synthesis of Nickel Cobalt Sulfide for Highâ€Performance Flexible Asymmetric Supercapacitors. Advanced Science, 2018, 5, 1700375.	5.6	141
260	Flexible Transparent Supercapacitors: Materials and Devices. Advanced Functional Materials, 2021, 31, 2009136.	7.8	141
261	Controllable size-selective method to prepare graphene quantum dots from graphene oxide. Nanoscale Research Letters, 2015, 10, 55.	3.1	140
262	Layer-controllable WS₂-reduced graphene oxide hybrid nanosheets with high electrocatalytic activity for hydrogen evolution. Nanoscale, 2015, 7, 10391-10397.	2.8	140
263	Highly crystallized Î±-FeOOH for a stable and efficient oxygen evolution reaction. Journal of Materials Chemistry A, 2017, 5, 2021-2028.	5.2	140
264	2D Black Phosphorus for Energy Storage and Thermoelectric Applications. Small, 2017, 13, 1700661.	5.2	139
265	Seleniumâ€Containing Polymer@Metalâ€Organic Frameworks Nanocomposites as an Efficient Multiresponsive Drug Delivery System. Advanced Functional Materials, 2017, 27, 1605465.	7.8	139
266	Interlayer Hydrogenâ€Bonded Metal Porphyrin Frameworks/MXene Hybrid Film with High Capacitance for Flexible Allâ€Solidâ€State Supercapacitors. Small, 2019, 15, e1901351.	5.2	139
267	A Phototheranostic Strategy to Continuously Deliver Singlet Oxygen in the Dark and Hypoxic Tumor Microenvironment. Angewandte Chemie - International Edition, 2020, 59, 8833-8838.	7.2	139
268	Electrostatically Assembling 2D Nanosheets of MXene and MOFâ€Derivatives into 3D Hollow Frameworks for Enhanced Lithium Storage. Small, 2019, 15, e1904255.	5.2	138
269	Facile and green synthesis of mesoporous Co3O4 nanocubes and their applications for supercapacitors. Nanoscale, 2013, 5, 6525.	2.8	137
270	Redox-active triazatruxene-based conjugated microporous polymers for high-performance supercapacitors. Chemical Science, 2017, 8, 2959-2965.	3.7	136

#	Article	IF	Citations
271	Nitrogen and phosphorus codoped hierarchically porous carbon as an efficient sulfur host for Li-S batteries. Energy Storage Materials, 2017, 6, 112-118.	9.5	135
272	Supramolecular Polymerization Promoted In Situ Fabrication of Nitrogenâ€Doped Porous Graphene Sheets as Anode Materials for Liâ€Ion Batteries. Advanced Energy Materials, 2015, 5, 1500559.	10.2	133
273	Photosensitizer synergistic effects: Dâ€“Aâ€“D structured organic molecule with enhanced fluorescence and singlet oxygen quantum yield for photodynamic therapy. Chemical Science, 2018, 9, 2188-2194.	3.7	133
274	Smart Design of Nanomaterials for Mitochondriaâ€Targeted Nanotherapeutics. Angewandte Chemie - International Edition, 2021, 60, 2232-2256.	7.2	133
275	New efficient blue light emitting polymer for light emitting diodes. Chemical Communications, 1999, , 1837-1838.	2.2	132
276	Controllable Codoping of Nitrogen and Sulfur in Graphene for Highly Efficient Li-Oxygen Batteries and Direct Methanol Fuel Cells. Chemistry of Materials, 2016, 28, 1737-1745.	3.2	132
277	3D NiO hollow sphere/reduced graphene oxide composite for high-performance glucose biosensor. Scientific Reports, 2017, 7, 5220.	1.6	132
278	Circularly Polarized Organic Room Temperature Phosphorescence from Amorphous Copolymers. Journal of the American Chemical Society, 2021, 143, 18527-18535.	6.6	132
279	Tuning Redox Behavior and Emissive Wavelength of Conjugated Polymers bypâ^'nDiblock Structures. Journal of the American Chemical Society, 1998, 120, 11808-11809.	6.6	131
280	Metal halide perovskites: stability and sensing-ability. Journal of Materials Chemistry C, 2018, 6, 10121-10137.	2.7	131
281	Invoking ultralong room temperature phosphorescence of purely organic compounds through H-aggregation engineering. Materials Horizons, 2019, 6, 1259-1264.	6.4	131
282	The formation of a carbon nanotubeâ€“graphene oxide coreâ€“shell structure and its possible applications. Carbon, 2011, 49, 5071-5078.	5.4	130
283	Robust Stacking-Independent Ultrafast Charge Transfer in MoS₂/WS₂ Bilayers. ACS Nano, 2017, 11, 12020-12026.	7.3	130
284	Manipulating efficient light emission in two-dimensional perovskite crystals by pressure-induced anisotropic deformation. Science Advances, 2019, 5, eaav9445.	4.7	130
285	Highly Efficient Ultralong Organic Phosphorescence through Intramolecular-Space Heavy-Atom Effect. Journal of Physical Chemistry Letters, 2019, 10, 595-600.	2.1	130
286	Controllable Organic Resistive Switching Achieved by Oneâ€Step Integration of Coneâ€Shaped Contact. Advanced Materials, 2017, 29, 1701333.	11.1	129
287	Anthracene-based semiconductors for organic field-effect transistors. Journal of Materials Chemistry C, 2018, 6, 7416-7444.	2.7	129
288	Amorphous Ionic Polymers with Colorâ€Tunable Ultralong Organic Phosphorescence. Angewandte Chemie - International Edition, 2019, 58, 18776-18782.	7.2	129

#	Article	IF	Citations
289	Multipleâ€Quantumâ€Well Perovskites for Highâ€Performance Lightâ€Emitting Diodes. Advanced Materials, 2020, 32, e1904163.	11.1	129
290	Ï€-Conjugated Chelating Polymers with Charged Iridium Complexes in the Backbones: Synthesis, Characterization, Energy Transfer, and Electrochemical Properties. Chemistry - A European Journal, 2006, 12, 4351-4361.	1.7	128
291	Dynamic metal-ligand coordination for multicolour and water-jet rewritable paper. Nature Communications, 2018, 9, 3.	5.8	128
292	Semiconducting polymer nanotheranostics for NIR-II/Photoacoustic imaging-guided photothermal initiated nitric oxide/photothermal therapy. Biomaterials, 2019, 217, 119304.	5.7	128
293	Benzoxazole and benzimidazole heterocycle-grafted graphene for high-performance supercapacitor electrodes. Journal of Materials Chemistry, 2012, 22, 23439.	6.7	126
294	Stable, Highâ€Sensitivity and Fastâ€Response Photodetectors Based on Leadâ€Free Cs₂AgBiBr₆ Double Perovskite Films. Advanced Optical Materials, 2019, 7, 1801732.	3.6	126
295	Bidirectional optical signal transmission between two identical devices using perovskite diodes. Nature Electronics, 2020, 3, 156-164.	13.1	126
296	Alignment Controlled Growth of Single-Walled Carbon Nanotubes on Quartz Substrates. Nano Letters, 2009, 9, 4311-4319.	4.5	125
297	Supercapacitor electrode based on three-dimensional grapheneâ€“polyaniline hybrid. Materials Chemistry and Physics, 2012, 134, 576-580.	2.0	125
298	Solvothermal Synthesis of Microporous, Crystalline Covalent Organic Framework Nanofibers and Their Colorimetric Nanohybrid Structures. ACS Applied Materials & Interfaces, 2013, 5, 8845-8849.	4.0	124
299	Coreâ€“shell structured phosphorescent nanoparticles for detection of exogenous and endogenous hypochlorite in live cells via ratiometric imaging and photoluminescence lifetime imaging microscopy. Chemical Science, 2015, 6, 301-307.	3.7	124
300	Tumor-Microenvironment-Responsive Nanoconjugate for Synergistic Antivascular Activity and Phototherapy. ACS Nano, 2018, 12, 11446-11457.	7.3	124
301	Fabricating an Aqueous Symmetric Supercapacitor with a Stable High Working Voltage of 2 V by Using an Alkalineâ€“Acidic Electrolyte. Advanced Science, 2019, 6, 1801665.	5.6	124
302	Centimeterâ€Sized Single Crystal of Twoâ€Dimensional Halide Perovskites Incorporating Straightâ€Chain Symmetric Diammonium Ion for Xâ€Ray Detection. Angewandte Chemie - International Edition, 2020, 59, 14896-14902.	7.2	124
303	Self-Assembled Chiral Nanofibers from Ultrathin Low-Dimensional Nanomaterials. Journal of the American Chemical Society, 2015, 137, 1565-1571.	6.6	123
304	High-performance CdSâ€“ZnS coreâ€“shell nanorod array photoelectrode for photoelectrochemical hydrogen generation. Journal of Materials Chemistry A, 2015, 3, 535-541.	5.2	123
305	J-Aggregate squaraine nanoparticles with bright NIR-II fluorescence for imaging guided photothermal therapy. Chemical Communications, 2018, 54, 13395-13398.	2.2	123
306	Organic Lightâ€Emitting Fieldâ€Effect Transistors: Device Geometries and Fabrication Techniques. Advanced Materials, 2018, 30, e1802466.	11.1	123

#	Article	IF	Citations
307	Enhancing Organic Phosphorescence by Manipulating Heavy-Atom Interaction. Crystal Growth and Design, 2016, 16, 808-813.	1.4	122
308	Multicolor Ultralong Organic Phosphorescence through Alkyl Engineering for 4D Coding Applications. Chemistry of Materials, 2019, 31, 5584-5591.	3.2	122
309	Recent advances in the development of NIR-II organic emitters for biomedicine. Coordination Chemistry Reviews, 2020, 415, 213318.	9.5	122
310	Engineering Lysosome-Targeting BODIPY Nanoparticles for Photoacoustic Imaging and Photodynamic Therapy under Near-Infrared Light. ACS Applied Materials & Interfaces, 2016, 8, 12039-12047.	4.0	121
311	Highâ€Performance Flexible Photodetectors based on Highâ€Quality Perovskite Thin Films by a Vaporâ€“Solution Method. Advanced Materials, 2017, 29, 1703256.	11.1	121
312	Conformal dispersed cobalt nanoparticles in hollow carbon nanotube arrays for flexible Zn-air and Al-air batteries. Chemical Engineering Journal, 2019, 369, 988-995.	6.6	121
313	Highly Stretchable, Elastic, and Sensitive MXene-Based Hydrogel for Flexible Strain and Pressure Sensors. Research, 2020, 2020, 2038560.	2.8	121
314	Penetration depth tunable BODIPY derivatives forÂpH triggered enhanced photothermal/photodynamic synergistic therapy. Chemical Science, 2019, 10, 268-276.	3.7	120
315	Thermochromic Leadâ€Free Halide Double Perovskites. Advanced Functional Materials, 2019, 29, 1807375.	7.8	120
316	Ultrastable FeCo Bifunctional Electrocatalyst on Se-Doped CNTs for Liquid and Flexible All-Solid-State Rechargeable Znâ€“Air Batteries. Nano Letters, 2021, 21, 2255-2264.	4.5	120
317	Fabrication of Ultralong Hybrid Microfibers from Nanosheets of Reduced Graphene Oxide and Transitionâ€Metal Dichalcogenides and their Application as Supercapacitors. Angewandte Chemie - International Edition, 2014, 53, 12576-12580.	7.2	119
318	Repurposed Leather with Sensing Capabilities for Multifunctional Electronic Skin. Advanced Science, 2019, 6, 1801283.	5.6	119
319	Bioorthogonal-targeted 1064Ânm excitation theranostic nanoplatform for precise NIR-IIa fluorescence imaging guided efficient NIR-II photothermal therapy. Biomaterials, 2020, 243, 119934.	5.7	119
320	Blue-Light-Emitting Cationic Water-Soluble Polyfluorene Derivatives with Tunable Quaternization Degree. Macromolecules, 2002, 35, 4975-4982.	2.2	118
321	Synthesis of CdTe Nanocrystals through Program Process of Microwave Irradiation. Journal of Physical Chemistry B, 2006, 110, 13352-13356.	1.2	118
322	Lowâ€Threshold Distributedâ€Feedback Lasers Based on Pyreneâ€Cored Starburst Molecules with 1,3,6,8â€Attached Oligo(9,9â€Dialkylfluorene) Arms. Advanced Functional Materials, 2009, 19, 2844-2850.	7.8	118
323	Controllably Tuning Excitedâ€State Energy in Ternary Hosts for Ultralowâ€Voltageâ€Driven Blue Electrophosphorescence. Angewandte Chemie - International Edition, 2012, 51, 10104-10108.	7.2	118
324	A nanohybrid consisting of NiPS₃ nanoparticles coupled with defective graphene as a pH-universal electrocatalyst for efficient hydrogen evolution. Journal of Materials Chemistry A, 2017, 5, 23536-23542.	5.2	118

#	Article	IF	Citations
325	Toward Hydrogenâ€Free and Dendriteâ€Free Aqueous Zinc Batteries: Formation of Zincophilic Protective Layer on Zn Anodes. Advanced Science, 2022, 9, e2104866.	5.6	118
326	Dicyanometalate chemistry: A type of versatile building block for the construction of cyanide-bridged molecular architectures. Coordination Chemistry Reviews, 2012, 256, 439-464.	9.5	117
327	Chitosan-Based Nanocarriers with pH and Light Dual Response for Anticancer Drug Delivery. Biomacromolecules, 2013, 14, 2601-2610.	2.6	117
328	Surface Functionalization of Black Phosphorus via Potassium toward High-Performance Complementary Devices. Nano Letters, 2017, 17, 4122-4129.	4.5	117
329	Flexible, transparent nanocellulose paper-based perovskite solar cells. Npj Flexible Electronics, 2019, 3, .	5.1	117
330	Template Synthesis of Shape-Tailorable NiS₂ Hollow Prisms as High-Performance Supercapacitor Materials. ACS Applied Materials & Interfaces, 2015, 7, 25396-25401.	4.0	116
331	Mixed-cation perovskite solar cells in space. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	116
332	A Highlyâ€Efficient Type I Photosensitizer with Robust Vascularâ€Disruption Activity for Hypoxicâ€andâ€Metastatic Tumor Specific Photodynamic Therapy. Small, 2020, 16, e2001059.	5.2	116
333	A Rational Molecular Design of Î²-Phase Polydiarylfluorenes: Synthesis, Morphology, and Organic Lasers. Macromolecules, 2014, 47, 1001-1007.	2.2	115
334	Twoâ€Dimensional CuSe Nanosheets with Microscale Lateral Size: Synthesis and Templateâ€Assisted Phase Transformation. Angewandte Chemie - International Edition, 2014, 53, 5083-5087.	7.2	115
335	Kinetically Controlled, Scalable Synthesis of Î³â€FeOOH Nanosheet Arrays on Nickel Foam toward Efficient Oxygen Evolution: The Key Role of Inâ€Situâ€Generated Î³â€NiOOH. Advanced Materials, 2021, 33, e2005587.	11.1	115
336	Recent Advances of Cocrystals with Room Temperature Phosphorescence. Advanced Optical Materials, 2021, 9, 2002197.	3.6	115
337	Rhodamineâ€Modified Upconversion Nanophosphors for Ratiometric Detection of Hypochlorous Acid in Aqueous Solution and Living Cells. Small, 2014, 10, 3560-3567.	5.2	114
338	Porous organic polymers for high-performance supercapacitors. Chemical Society Reviews, 2022, 51, 3181-3225.	18.7	114
339	Blue polymer light-emitting diodes from poly(9,9-dihexylfluorene-alt-co-2,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 182 Td (5-di	1.5	113
340	Multilayer Stacked Lowâ€Temperatureâ€Reduced Graphene Oxide Films: Preparation, Characterization, and Application in Polymer Memory Devices. Small, 2010, 6, 1536-1542.	5.2	113
341	Flashâ€Memory Effect for Polyfluorenes with Onâ€Chain Iridium(<scp>III</scp>) Complexes. Advanced Functional Materials, 2011, 21, 979-985.	7.8	113
342	Controlled synthesis of zinc cobalt sulfide nanostructures in oil phase and their potential applications in electrochemical energy storage. Journal of Materials Chemistry A, 2015, 3, 11462-11470.	5.2	113

#	Article	IF	Citations
343	Management of perovskite intermediates for highly efficient inverted planar heterojunction perovskite solar cells. Journal of Materials Chemistry A, 2017, 5, 3193-3202.	5.2	113
344	Fast synthesis of porous NiCo2O4 hollow nanospheres for a high-sensitivity non-enzymatic glucose sensor. Applied Surface Science, 2017, 396, 804-811.	3.1	113
345	Heterogeneous catalysts based on mesoporous metalâ€“organic frameworks. Coordination Chemistry Reviews, 2018, 373, 199-232.	9.5	113
346	Novel aza-BODIPY based small molecular NIR-II fluorophores for in vivo imaging. Chemical Communications, 2019, 55, 10920-10923.	2.2	113
347	Deciphering the intersystem crossing in near-infrared BODIPY photosensitizers for highly efficient photodynamic therapy. Chemical Science, 2019, 10, 3096-3102.	3.7	113
348	A Single Phosphine Oxide Host for Highâ€Efficiency White Organic Lightâ€Emitting Diodes with Extremely Low Operating Voltages and Reduced Efficiency Rollâ€Off. Advanced Materials, 2011, 23, 2491-2496.	11.1	112
349	Synthesis and Characterization of a Newpâ^'nDiblock Light-Emitting Copolymer. Macromolecules, 1998, 31, 4838-4844.	2.2	111
350	Facile fabrication of highly efficient g-C3N4/BiFeO3 nanocomposites with enhanced visible light photocatalytic activities. Journal of Colloid and Interface Science, 2015, 448, 17-23.	5.0	111
351	Nickelâ€“Cobalt Oxide Decorated Three-Dimensional Graphene as an Enzyme Mimic for Glucose and Calcium Detection. ACS Applied Materials & Interfaces, 2015, 7, 21089-21094.	4.0	111
352	Multifunctional Phosphorescent Conjugated Polymer Dots for Hypoxia Imaging and Photodynamic Therapy of Cancer Cells. Advanced Science, 2016, 3, 1500155.	5.6	111
353	Circularly Polarized Phosphorescent Electroluminescence from Chiral Cationic Iridium(III) Isocyanide Complexes. Advanced Optical Materials, 2017, 5, 1700359.	3.6	111
354	Stimuli-responsive solid-state emission from o-carboraneâ€“tetraphenylethene dyads induced by twisted intramolecular charge transfer in the crystalline state. Journal of Materials Chemistry C, 2018, 6, 19-28.	2.7	111
355	Recent Advances on Activatable NIRâ€II Fluorescence Probes for Biomedical Imaging. Advanced Optical Materials, 2019, 7, 1900917.	3.6	111
356	All-Graphene-Based Highly Flexible Noncontact Electronic Skin. ACS Applied Materials & Interfaces, 2017, 9, 44593-44601.	4.0	110
357	Aza-BODIPY-Based Nanomedicines in Cancer Phototheranostics. ACS Applied Materials & Interfaces, 2020, 12, 26914-26925.	4.0	110
358	Luminescent manganese(II) complexes: Synthesis, properties and optoelectronic applications. Coordination Chemistry Reviews, 2020, 416, 213331.	9.5	110
359	Ag Incorporation with Controlled Grain Growth Enables 12.5% Efficient Kesterite Solar Cell with Open Circuit Voltage Reached 64.2% Shockleyâ€“Queisser Limit. Advanced Functional Materials, 2021, 31, 2101927.	7.8	110
360	A New Blue Light-Emitting Polymer Containing Substituted Thiophene and an Arylene-1,3,4-oxadiazole Moiety. Advanced Materials, 1998, 10, 593-596.	11.1	109

#	Article	IF	Citations
361	Growth of Quasi-Free-Standing Single-Layer Blue Phosphorus on Tellurium Monolayer Functionalized Au(111). ACS Nano, 2017, 11, 4943-4949.	7.3	109
362	Intrinsic point defects in inorganic perovskite CsPbI3 from first-principles prediction. Applied Physics Letters, 2017, 111, .	1.5	109
363	Biocompatible small organic molecule phototheranostics for NIR-II fluorescence/photoacoustic imaging and simultaneous photodynamic/photothermal combination therapy. Materials Chemistry Frontiers, 2019, 3, 650-655.	3.2	109
364	Water-Soluble Cationic Poly(p-phenyleneethynylene)s (PPEs):Â Effects of Acidity and Ionic Strength on Optical Behavior. Macromolecules, 2005, 38, 2927-2936.	2.2	108
365	Cationic Iridium(III) Complex Containing both Triarylboron and Carbazole Moieties as a Ratiometric Fluoride Probe That Utilizes a Switchable Tripletâ€“Singlet Emission. Chemistry - A European Journal, 2010, 16, 7125-7133.	1.7	108
366	Water-soluble phosphorescent iridium(iii) complexes as multicolor probes for imaging of homocysteine and cysteine in living cells. Journal of Materials Chemistry, 2011, 21, 18974.	6.7	107
367	Highly Transparent and Flexible All-Solid-State Supercapacitors Based on Ultralong Silver Nanowire Conductive Networks. ACS Applied Materials & Interfaces, 2018, 10, 32536-32542.	4.0	107
368	Utilizing dâ€“pï€ Bonds for Ultralong Organic Phosphorescence. Angewandte Chemie, 2019, 131, 6717-6721.	1.6	107
369	Rational Design of an â€œOFFâ€“ONâ€•Phosphorescent Chemodosimeter Based on an Iridium(III) Complex and Its Application for Timeâ€Resolved Luminescent Detection and Bioimaging of Cysteine and Homocysteine. Chemistry - A European Journal, 2013, 19, 1311-1319.	1.7	106
370	Utilization of Electrochromically Luminescent Transitionâ€Metal Complexes for Erasable Information Recording and Temperatureâ€Related Information Protection. Advanced Materials, 2016, 28, 7137-7142.	11.1	106
371	Upconversion Luminescent Chemodosimeter Based on NIR Organic Dye for Monitoring Methylmercury In Vivo. Advanced Functional Materials, 2016, 26, 1945-1953.	7.8	106
372	Graphene and cobalt phosphide nanowire composite as an anode material for high performance lithium-ion batteries. Nano Research, 2016, 9, 612-621.	5.8	106
373	Highly Waterâ€Stable Lanthanideâ€“Oxalate MOFs with Remarkable Proton Conductivity and Tunable Luminescence. Advanced Materials, 2017, 29, 1701804.	11.1	106
374	A small change in molecular structure, a big difference in the AIEE mechanism. Physical Chemistry Chemical Physics, 2012, 14, 5289.	1.3	105
375	Hyperbranched Oxadiazole-Containing Polyfluorenes:Â Toward Stable Blue Light PLEDs. Macromolecules, 2005, 38, 6755-6758.	2.2	104
376	Optimization of opto-electronic property and device efficiency of polyfluorenes by tuning structure and morphology. Polymer International, 2006, 55, 473-490.	1.6	104
377	Butterfly-Shaped Conjugated Oligoelectrolyte/Graphene Oxide Integrated Assay for Light-Up Visual Detection of Heparin. Analytical Chemistry, 2011, 83, 7849-7855.	3.2	104
378	Carborane tuning of photophysical properties of phosphorescent iridium(iii) complexes. Chemical Communications, 2013, 49, 4746.	2.2	104

#	Article	IF	Citations
379	Stable and bright formamidinium-based perovskite light-emitting diodes with high energy conversion efficiency. Nature Communications, 2019, 10, 3624.	5.8	104
380	Reduced-Dimensional Perovskite Enabled by Organic Diamine for Efficient Photovoltaics. Journal of Physical Chemistry Letters, 2019, 10, 2349-2356.	2.1	104
381	Emerging New-Generation Photodetectors Based on Low-Dimensional Halide Perovskites. ACS Photonics, 2020, 7, 10-28.	3.2	104
382	Potential Switchable Circularly Polarized Luminescence from Chiral Cyclometalated Platinum(II) Complexes. Inorganic Chemistry, 2015, 54, 143-152.	1.9	103
383	Cubic Prussian blue crystals from a facile one-step synthesis as positive electrode material for superior potassium-ion capacitors. Electrochimica Acta, 2017, 232, 106-113.	2.6	103
384	Dynamic Luminescence Manipulation for Rewritable and Multi-level Security Printing. Matter, 2019, 1, 1644-1655.	5.0	103
385	Gadolinium-Chelated Conjugated Polymer-Based Nanotheranostics for Photoacoustic/Magnetic Resonance/NIR-II Fluorescence Imaging-Guided Cancer Photothermal Therapy. Theranostics, 2019, 9, 4168-4181.	4.6	103
386	Self-templated synthesis of uniform hollow spheres based on highly conjugated three-dimensional covalent organic frameworks. Nature Communications, 2020, 11, 5561.	5.8	103
387	Approaching intrinsic dynamics of MXenes hybrid hydrogel for 3D printed multimodal intelligent devices with ultrahigh superelasticity and temperature sensitivity. Nature Communications, 2022, 13, .	5.8	103
388	Thiophene-Based Conjugated Polymers for Light-Emitting Diodes:â€‰ Effect of Aryl Groups on Photoluminescence Efficiency and Redox Behavior. Macromolecules, 2001, 34, 7241-7248.	2.2	102
389	Tuning a Weak Emissive Blue Host to Highly Efficient Green Dopant by a CN in Tetracarbazolepyridines for Solutionâ€Processed Thermally Activated Delayed Fluorescence Devices. Advanced Optical Materials, 2015, 3, 786-790.	3.6	102
390	Enabling FÃ¶rster Resonance Energy Transfer from Large Nanocrystals through Energy Migration. Journal of the American Chemical Society, 2016, 138, 15972-15979.	6.6	102
391	Highâ€Efficiency Flexible Solar Cells Based on Organometal Halide Perovskites. Advanced Materials, 2016, 28, 4532-4540.	11.1	102
392	Room-temperature 2D semiconductor activated vertical-cavity surface-emitting lasers. Nature Communications, 2017, 8, 543.	5.8	102
393	Enhanced Performance of Red Perovskite Light-Emitting Diodes through the Dimensional Tailoring of Perovskite Multiple Quantum Wells. Journal of Physical Chemistry Letters, 2018, 9, 881-886.	2.1	102
394	Oriented and Uniform Distribution of Dionâ€“Jacobson Phase Perovskites Controlled by Quantum Well Barrier Thickness. Solar Rrl, 2019, 3, 1900090.	3.1	102
395	Rapid Crystallization for Efficient 2D Ruddlesdenâ€“Popper (2DRP) Perovskite Solar Cells. Advanced Functional Materials, 2019, 29, 1806831.	7.8	102
396	FRET-based probe for fluoride based on a phosphorescent iridium(iii) complex containing triarylboron groups. Journal of Materials Chemistry, 2011, 21, 7572.	6.7	101

#	Article	IF	Citations
397	High-performance stretchable transparent electrodes based on silver nanowires synthesized via an eco-friendly halogen-free method. Journal of Materials Chemistry C, 2014, 2, 10369-10376.	2.7	101
398	Phase-controlled synthesis of Î±-NiS nanoparticles confined in carbon nanorods for High Performance Supercapacitors. Scientific Reports, 2014, 4, 7054.	1.6	101
399	A light-induced nitric oxide controllable release nano-platform based on diketopyrrolopyrrole derivatives for pH-responsive photodynamic/photothermal synergistic cancer therapy. Chemical Science, 2018, 9, 8103-8109.	3.7	101
400	Highly Sensitive, Fast Response Perovskite Photodetectors Demonstrated in Weak Light Detection Circuit and Visible Light Communication System. Small, 2019, 15, e1903599.	5.2	101
401	Photothermal-pH-hypoxia responsive multifunctional nanoplatform for cancer photo-chemo therapy with negligible skin phototoxicity. Biomaterials, 2019, 221, 119422.	5.7	101
402	Organic Room Temperature Phosphorescence Materials for Biomedical Applications. Chemistry - an Asian Journal, 2020, 15, 947-957.	1.7	101
403	On-demand modulating afterglow color of water-soluble polymers through phosphorescence FRET for multicolor security printing. Science Advances, 2022, 8, eabk2925.	4.7	101
404	A General Strategy for the Facile Synthesis of 2,7-Dibromo-9-heterofluorenes. Organic Letters, 2006, 8, 203-205.	2.4	100
405	Promising Optoelectronic Materials: Polymers Containing Phosphorescent Iridium(<scp>III</scp>) Complexes. Macromolecular Rapid Communications, 2010, 31, 794-807.	2.0	100
406	pHâ€Responsive PEGâ€“Doxorubicinâ€Encapsulated Azaâ€BODIPY Nanotheranostic Agent for Imagingâ€Guided Synergistic Cancer Therapy. Advanced Healthcare Materials, 2018, 7, e1701272.	3.9	100
407	Phaseâ€Change Materials Based Nanoparticles for Controlled Hypoxia Modulation and Enhanced Phototherapy. Advanced Functional Materials, 2019, 29, 1906805.	7.8	100
408	Fish Gelatin Based Triboelectric Nanogenerator for Harvesting Biomechanical Energy and Self-Powered Sensing of Human Physiological Signals. ACS Applied Materials & Interfaces, 2020, 12, 16442-16450.	4.0	100
409	van der Waals Heterojunction between a Bottom-Up Grown Doped Graphene Quantum Dot and Graphene for Photoelectrochemical Water Splitting. ACS Nano, 2020, 14, 1185-1195.	7.3	100
410	Flexible Perovskite Solar Cells with High Power-Per-Weight: Progress, Application, and Perspectives. ACS Energy Letters, 2021, 6, 2917-2943.	8.8	100
411	N-doped carbon coated hollow Ni_xCo_{9â"x}S₈urchins for a high performance supercapacitor. Nanoscale, 2015, 7, 3155-3163.	2.8	99
412	Thermally Activated Delayed Fluorescence Organic Dots (TADF Odots) for Timeâ€Resolved and Confocal Fluorescence Imaging in Living Cells and In Vivo. Advanced Science, 2017, 4, 1600166.	5.6	99
413	Nitric Oxide-Releasing Polymeric Materials for Antimicrobial Applications: A Review. Antioxidants, 2019, 8, 556.	2.2	99
414	Efficient and bright warm-white electroluminescence from lead-free metal halides. Nature Communications, 2021, 12, 1421.	5.8	99

#	Article	IF	Citations
415	Dendritic europium complex as a single dopant for white-light electroluminescent devices. Journal of Materials Chemistry, 2005, 15, 3221.	6.7	98
416	Fabrication of Graphene Nanodisk Arrays Using Nanosphere Lithography. Journal of Physical Chemistry C, 2009, 113, 6529-6532.	1.5	98
417	Nitrogen-enriched pseudographitic anode derived from silk cocoon with tunable flexibility for microbial fuel cells. Nano Energy, 2017, 32, 382-388.	8.2	98
418	3D assembly of Ti₃C₂-MXene directed by water/oil interfaces. Nanoscale, 2018, 10, 3621-3625.	2.8	98
419	Manipulating the Stacking of Triplet Chromophores in the Crystal Form for Ultralong Organic Phosphorescence. Angewandte Chemie - International Edition, 2019, 58, 14140-14145.	7.2	98
420	Ionic Liquids-Enabled Efficient and Stable Perovskite Photovoltaics: Progress and Challenges. ACS Energy Letters, 0, , 1453-1479.	8.8	98
421	Single-Molecule Analysis of MicroRNA and Logic Operations Using a Smart Plasmonic Nanobiosensor. Journal of the American Chemical Society, 2018, 140, 3988-3993.	6.6	97
422	â€œWaxâ€Sealedâ€•Theranostic Nanoplatform for Enhanced Afterglow Imagingâ€“Guided Photothermally Triggered Photodynamic Therapy. Advanced Functional Materials, 2018, 28, 1804317.	7.8	97
423	Management of Crystallization Kinetics for Efficient and Stable Lowâ€Ðimensional Ruddlesdenâ€“Popper (LDRP) Leadâ€Free Perovskite Solar Cells. Advanced Science, 2019, 6, 1800793.	5.6	97
424	Strong Luminescent Iridium Complexes with CË†N=N Structure in Ligands and Their Potential in Efficient and Thermally Stable Phosphorescent OLEDs. Advanced Materials, 2009, 21, 339-343.	11.1	96
425	An aza-BODIPY photosensitizer for photoacoustic and photothermal imaging guided dual modal cancer phototherapy. Journal of Materials Chemistry B, 2017, 5, 1566-1573.	2.9	96
426	2-Pyridone-functionalized Aza-BODIPY photosensitizer for imaging-guided sustainable phototherapy. Biomaterials, 2018, 183, 1-9.	5.7	96
427	Microcavity top-emission perovskite light-emitting diodes. Light: Science and Applications, 2020, 9, 89.	7.7	96
428	Efficient 9-alkylphenyl-9-pyrenylfluorene substituted pyrene derivatives with improved hole injection for blue light-emitting diodes. Journal of Materials Chemistry, 2006, 16, 4074.	6.7	95
429	P -type electrical, photoconductive, and anomalous ferromagnetic properties of Cu2O nanowires. Applied Physics Letters, 2009, 94, .	1.5	95
430	Uniform manganese hexacyanoferrate hydrate nanocubes featuring superior performance for low-cost supercapacitors and nonenzymatic electrochemical sensors. Nanoscale, 2015, 7, 16012-16019.	2.8	95
431	Stimuliâ€responsive metallopolymers. Coordination Chemistry Reviews, 2016, 319, 180-195.	9.5	95
432	Utilizing Intramolecular Photoinduced Electron Transfer to Enhance Photothermal Tumor Treatment of Aza-BODIPY-Based Near-Infrared Nanoparticles. ACS Applied Materials & Interfaces, 2018, 10, 16299-16307.	4.0	95

#	Article	IF	Citations
433	Intracellular Delivery of Native Proteins Facilitated by Cellâ€Penetrating Poly(disulfide)s. Angewandte Chemie - International Edition, 2018, 57, 1532-1536.	7.2	95
434	Recent Progress in Metal Halide Perovskite Microâ€•and Nanolasers. Advanced Optical Materials, 2019, 7, 1900080.	3.6	95
435	Multiâ€Functional Liposome: A Powerful Theranostic Nanoâ€Platform Enhancing Photodynamic Therapy. Advanced Science, 2021, 8, e2100876.	5.6	95
436	Harmonizing Triplet Level and Ambipolar Characteristics of Wide-Gap Phosphine Oxide Hosts toward Highly Efficient and Low Driving Voltage Blue and Green PHOLEDs: An Effective Strategy Based on Spiro-Systems. Chemistry of Materials, 2011, 23, 5331-5339.	3.2	94
437	Goldâ€Nanoparticleâ€Mediated Jigsawâ€Puzzleâ€like Assembly of Supersized Plasmonic DNA Origami. Angewandte Chemie - International Edition, 2015, 54, 2966-2969.	7.2	94
438	A Unique Blend of 2â€Fluorenylâ€2â€anthracene and 2â€Anthrylâ€2â€anthracence Showing White Emission and High Charge Mobility. Angewandte Chemie - International Edition, 2017, 56, 722-727.	7.2	94
439	Sky-blue perovskite light-emitting diodes based on quasi-two-dimensional layered perovskites. Chinese Chemical Letters, 2017, 28, 29-31.	4.8	94
440	Orientation Controllable Growth of MoO₃ Nanoflakes: Micro-Raman, Field Emission, and Birefringence Properties. Journal of Physical Chemistry C, 2009, 113, 20259-20263.	1.5	93
441	In Situ Synthesis of Reduced Graphene Oxide and Gold Nanocomposites for Nanoelectronics and Biosensing. Nanoscale Research Letters, 2011, 6, 60.	3.1	93
442	The self-assembly of shape controlled functionalized grapheneâ€“MnO₂ composites for application as supercapacitors. Journal of Materials Chemistry A, 2014, 2, 9178-9184.	5.2	93
443	Graphene nanomesh: new versatile materials. Nanoscale, 2014, 6, 13301-13313.	2.8	93
444	A Phosphorescent Iridium(III) Complexâ€Modified Nanoprobe for Hypoxia Bioimaging Via Timeâ€Resolved Luminescence Microscopy. Advanced Science, 2015, 2, 1500107.	5.6	93
445	A versatile efficient one-step approach for carbazoleâ€“pyridine hybrid molecules: highly efficient host materials for blue phosphorescent OLEDs. Chemical Communications, 2015, 51, 1650-1653.	2.2	93
446	Effect of oxygen adsorbability on the control of Li2O2 growth in Li-O2 batteries: Implications for cathode catalyst design. Nano Energy, 2017, 36, 68-75.	8.2	93
447	Recent progress of flexible and wearable strain sensors for human-motion monitoring. Journal of Semiconductors, 2018, 39, 011012.	2.0	93
448	Stimulus-cleavable chemistry in the field of controlled drug delivery. Chemical Society Reviews, 2021, 50, 4872-4931.	18.7	93
449	Facile Synthesis of Spirocyclic Aromatic Hydrocarbon Derivatives Based on o-Halobiaryl Route and Domino Reaction for Deep-Blue Organic Semiconductors. Organic Letters, 2009, 11, 3850-3853.	2.4	92
450	Emerging â‰ˆ800 nm Excited Lanthanideâ€Doped Upconversion Nanoparticles. Small, 2017, 13, 1602843.	5.2	92

#	Article	IF	Citations
451	Interfacial Interactions in van der Waals Heterostructures of MoS₂ and Graphene. ACS Nano, 2017, 11, 11714-11723.	7.3	92
452	Promoting Singlet/triplet Exciton Transformation in Organic Optoelectronic Molecules: Role of Excited State Transition Configuration. Scientific Reports, 2017, 7, 6225.	1.6	92
453	Prolonging the lifetime of ultralong organic phosphorescence through dihydrogen bonding. Journal of Materials Chemistry C, 2018, 6, 226-233.	2.7	92
454	Manipulating the Ultralong Organic Phosphorescence of Small Molecular Crystals. Chemistry - A European Journal, 2020, 26, 4437-4448.	1.7	92
455	Morphology and Wettability Tunable Two-Dimensional Superstructure Assembled by Hydrogen Bonds and Hydrophobic Interactions. Chemistry of Materials, 2006, 18, 2974-2981.	3.2	91
456	Rational design of metallophosphors with tunable aggregation-induced phosphorescent emission and their promising applications in time-resolved luminescence assay and targeted luminescence imaging of cancer cells. Journal of Materials Chemistry, 2012, 22, 22167.	6.7	91
457	Photoâ€Induced Chargeâ€Variable Conjugated Polyelectrolyte Brushes Encapsulating Upconversion Nanoparticles for Promoted siRNA Release and Collaborative Photodynamic Therapy under NIR Light Irradiation. Advanced Functional Materials, 2017, 27, 1702592.	7.8	91
458	Enhancing Efficiency and Stability of Perovskite Solar Cells via a Self-Assembled Dopamine Interfacial Layer. ACS Applied Materials & Interfaces, 2018, 10, 30607-30613.	4.0	91
459	Inkjetâ€Printed Highâ€Performance Flexible Microâ€Supercapacitors with Porous Nanofiberâ€Like Electrode Structures. Small, 2019, 15, e1901830.	5.2	91
460	Rational Design of a Flexible CNTs@PDMS Film Patterned by Bioâ€Inspired Templates as a Strain Sensor and Supercapacitor. Small, 2019, 15, e1805493.	5.2	91
461	Toward High Energy Organic Cathodes for Liâ€Ion Batteries: A Case Study of Vat Dye/Graphene Composites. Advanced Functional Materials, 2017, 27, 1603603.	7.8	90
462	Dibenzothiophene-Based Phosphine Oxide Host and Electron-Transporting Materials for Efficient Blue Thermally Activated Delayed Fluorescence Diodes through Compatibility Optimization. Chemistry of Materials, 2015, 27, 5131-5140.	3.2	89
463	A Single Composition Architectureâ€Based Nanoprobe for Ratiometric Photoacoustic Imaging of Glutathione (GSH) in Living Mice. Small, 2018, 14, e1703400.	5.2	89
464	Lowâ€Cost N,Nâ€²â€Bicarbazoleâ€Based Dopantâ€Free Holeâ€Transporting Materials for Largeâ€Area Perovskite Solar Cells. Advanced Energy Materials, 2018, 8, 1800538.	10.2	89
465	A Simple Strategy towards Highly Conductive Silverâ€Nanowire Inks for Screenâ€Printed Flexible Transparent Conductive Films and Wearable Energyâ€Storage Devices. Advanced Materials Technologies, 2019, 4, 1900196.	3.0	89
466	Polarizationâ€Sensitive Halide Perovskites for Polarized Luminescence and Detection: Recent Advances and Perspectives. Advanced Materials, 2021, 33, e2003615.	11.1	89
467	Inkjet-Printed Small-Molecule Organic Light-Emitting Diodes: Halogen-Free Inks, Printing Optimization, and Large-Area Patterning. ACS Applied Materials & Interfaces, 2017, 9, 40533-40540.	4.0	88
468	Effect of Ln (Ln = La, Pr) and Co co-doped on the magnetic and ferroelectric properties of BiFeO3 nanoparticles. Journal of Alloys and Compounds, 2014, 584, 520-523.	2.8	87

#	Article	IF	Citations
469	Nanowires assembled from MnCo2O4@C nanoparticles for water splitting and all-solid-state supercapacitor. Nano Research, 2016, 9, 1300-1309.	5.8	87
470	Hierarchical carbon@Ni₃S₂@MoS₂ double coreâ€“shell nanorods for high-performance supercapacitors. Journal of Materials Chemistry A, 2016, 4, 1319-1325.	5.2	87
471	High performance one-for-all phototheranostics: NIR-II fluorescence imaging guided mitochondria-targeting phototherapy with a single-dose injection and 808Ânm laser irradiation. Biomaterials, 2020, 231, 119671.	5.7	87
472	Metallic Sandwiched-Aerogel Hybrids Enabling Flexible and Stretchable Intelligent Sensor. Nano Letters, 2020, 20, 3449-3458.	4.5	87
473	A Novel Series of pâ^'n Diblock Light-Emitting Copolymers Based on Oligothiophenes and 1,4-Bis(oxadiazolyl)-2,5-dialkyloxybenzene. Macromolecules, 1999, 32, 118-126.	2.2	86
474	Facile Synthesis of Complicated 9,9-Diarylfluorenes Based on BF3Â·Et2O-Mediated Friedelâ^'Crafts Reaction. Organic Letters, 2006, 8, 3701-3704.	2.4	86
475	Simple Conjugated Polymers with Onâ€Chain Phosphorescent Iridium(III) Complexes: Toward Ratiometric Chemodosimeters for Detecting Trace Amounts of Mercury(II). Chemistry - A European Journal, 2010, 16, 12158-12167.	1.7	86
476	The inductive-effect of electron withdrawing trifluoromethyl for thermally activated delayed fluorescence: tunable emission from tetra- to penta-carbazole in solution processed blue OLEDs. Chemical Communications, 2015, 51, 13024-13027.	2.2	86
477	Effects of heteroatom substitution in spiro-bifluorene hole transport materials. Chemical Science, 2016, 7, 5007-5012.	3.7	86
478	Conductive Porous Laminated Vanadium Nitride as Carbon-Free Hosts for High-Loading Sulfur Cathodes in Lithiumâ€“Sulfur Batteries. ACS Nano, 2020, 14, 17308-17320.	7.3	86
479	Solar energy conversion and utilization: Towards the emerging photo-electrochemical devices based on perovskite photovoltaics. Chemical Engineering Journal, 2020, 393, 124766.	6.6	86
480	Sustainable and Transparent Fish Gelatin Films for Flexible Electroluminescent Devices. ACS Nano, 2020, 14, 3876-3884.	7.3	86
481	Polyfluorene-Based Light-Emitting Rodâ^'Coil Block Copolymers. Macromolecules, 2005, 38, 8494-8502.	2.2	85
482	Luminescent gold nanocluster-based sensing platform for accurate H2S detection in vitro and in vivo with improved anti-interference. Light: Science and Applications, 2017, 6, e17107-e17107.	7.7	85
483	Paving Metalâ€“Organic Frameworks with Upconversion Nanoparticles via Self-Assembly. Journal of the American Chemical Society, 2018, 140, 15507-15515.	6.6	85
484	Cationâ€Modulated HER and OER Activities of Hierarchical VOOH Hollow Architectures for Highâ€Efficiency and Stable Overall Water Splitting. Small, 2019, 15, e1904688.	5.2	85
485	Sn4+ precursor enables 12.4% efficient kesterite solar cell from DMSO solution with open circuit voltage deficit below 0.30 V. Science China Materials, 2021, 64, 52-60.	3.5	85
486	Domino-like multi-emissions across red and near infrared from solid-state 2-/2,6-aryl substituted BODIPY dyes. Nature Communications, 2018, 9, 2688.	5.8	85

#	Article	IF	Citations
487	Recent Progress in Polymer White Lightâ€Emitting Materials and Devices. Macromolecular Chemistry and Physics, 2013, 214, 314-342.	1.1	84
488	Sensitive Water Probing through Nonlinear Photon Upconversion of Lanthanide-Doped Nanoparticles. ACS Applied Materials & Interfaces, 2016, 8, 847-853.	4.0	84
489	Upconversion Modulation through Pulsed Laser Excitation for Anti-counterfeiting. Scientific Reports, 2017, 7, 1320.	1.6	84
490	Hyperbranched Phosphorescent Conjugated Polymer Dots with Iridium(III) Complex as the Core for Hypoxia Imaging and Photodynamic Therapy. ACS Applied Materials & Interfaces, 2017, 9, 28319-28330.	4.0	84
491	Enhanced power conversion efficiency in iridium complex-based terpolymers for polymer solar cells. Npj Flexible Electronics, 2018, 2, .	5.1	84
492	Manipulating Nonradiative Decay Channel by Intermolecular Charge Transfer for Exceptionally Improved Photothermal Conversion. ACS Nano, 2019, 13, 12006-12014.	7.3	84
493	Unique characteristics of 2D Ruddlesdenâ€“Popper (2DRP) perovskite for future photovoltaic application. Journal of Materials Chemistry A, 2019, 7, 13860-13872.	5.2	84
494	3D-Printed highly stretchable conducting polymer electrodes for flexible supercapacitors. Journal of Materials Chemistry A, 2021, 9, 19649-19658.	5.2	84
495	Organic Semiconducting Macromolecular Dyes for NIRâ€‖ Photoacoustic Imaging and Photothermal Therapy. Advanced Functional Materials, 2021, 31, 2104650.	7.8	84
496	Ultralong Organic Phosphorescent Foams with High Mechanical Strength. Journal of the American Chemical Society, 2021, 143, 16256-16263.	6.6	84
497	Synthesis and Characterization of Pyreneâ€Centered Starburst Oligofluorenes. Macromolecular Rapid Communications, 2008, 29, 659-664.	2.0	83
498	Supramolecular Ï€â^Ï€ Stacking Pyrene-Functioned Fluorenes: Toward Efficient Solution-Processable Small Molecule Blue and White Organic Light Emitting Diodes. Journal of Physical Chemistry C, 2009, 113, 4641-4647.	1.5	83
499	Progressively Exposing Active Facets of 2D Nanosheets toward Enhanced Pseudocapacitive Response and Highâ€Rate Sodium Storage. Advanced Materials, 2019, 31, e1900526.	11.1	83
500	Expanded MoSe₂ Nanosheets Vertically Bonded on Reduced Graphene Oxide for Sodium and Potassium-Ion Storage. ACS Applied Materials & Interfaces, 2021, 13, 13158-13169.	4.0	83
501	Preparation and Characterization of Polyfluorene-Based Supramolecular Ï€-Conjugated Polymer Gels. Journal of Physical Chemistry C, 2011, 115, 4418-4424.	1.5	82
502	DNA biosensors based on water-soluble conjugated polymers. Biosensors and Bioelectronics, 2011, 26, 2154-2164.	5.3	82
503	Chemoselective Photodeoxidization of Graphene Oxide Using Sterically Hindered Amines as Catalyst: Synthesis and Applications. ACS Nano, 2012, 6, 3027-3033.	7.3	82
504	Organic Nanoprobe Cocktails for Multilocal and Multicolor Fluorescence Imaging of Reactive Oxygen Species. Advanced Functional Materials, 2017, 27, 1700493.	7.8	82

#	Article	IF	Citations
505	Low-temperature molten salt synthesis of MoS₂@CoS₂ heterostructures for efficient hydrogen evolution reaction. Chemical Communications, 2020, 56, 5548-5551.	2.2	82
506	A Nontoxic Bifunctional (Anti)Solvent as Digestiveâ€Ripening Agent for Highâ€Performance Perovskite Solar Cells. Advanced Materials, 2020, 32, e1907123.	11.1	82
507	The synthesis and characterization of an efficient green electroluminescent conjugated polymer: poly[2,7-bis(4-hexylthienyl)-9,9-dihexylfluorene]. Chemical Communications, 2000, , 1631-1632.	2.2	81
508	A graphene nanoribbon network and its biosensing application. Nanoscale, 2011, 3, 5156.	2.8	81
509	Phosphorescent soft salt for ratiometric and lifetime imaging of intracellular pH variations. Chemical Science, 2016, 7, 3338-3346.	3.7	81
510	Simultaneous Detection of Dihydroxybenzene Isomers with ZnO Nanorod/Carbon Cloth Electrodes. ACS Applied Materials & Interfaces, 2017, 9, 12453-12460.	4.0	81
511	Self-quenched ferrocenyl diketopyrrolopyrrole organic nanoparticles with amplifying photothermal effect for cancer therapy. Chemical Science, 2017, 8, 7457-7463.	3.7	81
512	Solutionâ€Processed Wideâ€Bandgap Organic Semiconductor Nanostructures Arrays for Nonvolatile Organic Fieldâ€Effect Transistor Memory. Small, 2018, 14, 1701437.	5.2	81
513	Oxygen self-sufficient NIR-activatable liposomes for tumor hypoxia regulation and photodynamic therapy. Chemical Science, 2019, 10, 9091-9098.	3.7	81
514	Aâ€Site Cation Engineering of Metal Halide Perovskites: Version 3.0 of Efficient Tinâ€Based Leadâ€Free Perovskite Solar Cells. Advanced Functional Materials, 2020, 30, 2000794.	7.8	81
515	On-demand regulation of photochromic behavior through various counterions for high-level security printing. Science Advances, 2020, 6, eaaz2386.	4.7	81
516	New Phenyl-Substituted PPV Derivatives for Polymer Light-emitting Diodesâˆ'Synthesis, Characterization and Structureâˆ'Property Relationship Study. Macromolecules, 2003, 36, 1009-1020.	2.2	80
517	Buffer-layer-induced barrier reduction: Role of tunneling in organic light-emitting devices. Applied Physics Letters, 2004, 84, 425-427.	1.5	80
518	Kinetically Controlled Assembly of a Spirocyclic Aromatic Hydrocarbon into Polyhedral Micro/Nanocrystals. ACS Nano, 2012, 6, 5309-5319.	7.3	80
519	A new colorimetric and fluorescent ratiometric sensor for Hg2+ based on 4-pyren-1-yl-pyrimidine. Tetrahedron, 2012, 68, 3129-3134.	1.0	80
520	On the origin of the shift in color in white organic light-emitting diodes. Journal of Materials Chemistry C, 2013, 1, 3508.	2.7	80
521	Chemically engineered graphene oxide as high performance cathode materials for Li-ion batteries. Carbon, 2014, 76, 148-154.	5.4	80
522	Anchoring Mn₃O₄ Nanoparticles on Oxygen Functionalized Carbon Nanotubes as Bifunctional Catalyst for Rechargeable Zinc-Air Battery. ACS Applied Energy Materials, 2018, 1, 963-969.	2.5	80

#	Article	IF	Citations
523	Sensitive fiber microelectrode made of nickel hydroxide nanosheets embedded in highly-aligned carbon nanotube scaffold for nonenzymatic glucose determination. Sensors and Actuators B: Chemical, 2018, 257, 23-28.	4.0	80
524	A Centimeterâ€Scale Inorganic Nanoparticle Superlattice Monolayer with Nonâ€Closeâ€Packing and its High Performance in Memory Devices. Advanced Materials, 2018, 30, e1800595.	11.1	80
525	Achieving a high-performance Prussian blue analogue cathode with an ultra-stable redox reaction for ammonium ion storage. Nanoscale Horizons, 2019, 4, 991-998.	4.1	80
526	Single-component color-tunable circularly polarized organic afterglow through chiral clusterization. Nature Communications, 2022, 13, 429.	5.8	80
527	Synthesis, Structure, and Optoelectronic Properties of Phosphafluorene Copolymers. Organic Letters, 2008, 10, 2913-2916.	2.4	79
528	Cyanide-bridged assemblies constructed from capped tetracyanometalate building blocks [MA(ligand)(CN)4]1â^'/2â^' (MA= Fe or Cr). Coordination Chemistry Reviews, 2012, 256, 2795-2815.	9.5	79
529	Highly selective phosphorescent nanoprobes for sensing and bioimaging of homocysteine and cysteine. Journal of Materials Chemistry, 2012, 22, 7894.	6.7	79
530	Solution-processed copper nanowire flexible transparent electrodes with PEDOT:PSS as binder, protector and oxide-layer scavenger for polymer solar cells. Nano Research, 2015, 8, 1017-1025.	5.8	79
531	Synergistic Effects of Self-Doped Nanostructures as Charge Trapping Elements in Organic Field Effect Transistor Memory. ACS Applied Materials & Interfaces, 2016, 8, 18969-18977.	4.0	79
532	Self-Assembly of Semiconducting-Plasmonic Gold Nanoparticles with Enhanced Optical Property for Photoacoustic Imaging and Photothermal Therapy. Theranostics, 2017, 7, 2177-2185.	4.6	79
533	Band Structure Engineering of Interfacial Semiconductors Based on Atomically Thin Lead Iodide Crystals. Advanced Materials, 2019, 31, e1806562.	11.1	79
534	Roomâ€Temperature Phosphorescence in Metalâ€Free Organic Materials. Annalen Der Physik, 2019, 531, 1800482.	0.9	79
535	Stereoselectively Assembled Metalâ€“Organic Framework (MOF) Host for Catalytic Synthesis of Carbon Hybrids for Alkalineâ€Metalâ€Ion Batteries. Angewandte Chemie - International Edition, 2019, 58, 5307-5311.	7.2	79
536	Highly Improved Electroluminescence from a Series of Novel Eu^{III} Complexes with Functional Singleâ€Coordinate Phosphine Oxide Ligands: Tuning the Intramolecular Energy Transfer, Morphology, and Carrier Injection Ability of the Complexes. Chemistry - A European Journal, 2007, 13, 10281-10293.	1.7	78
537	Dynamically Adaptive Characteristics of Resonance Variation for Selectively Enhancing Electrical Performance of Organic Semiconductors. Angewandte Chemie - International Edition, 2013, 52, 10491-10495.	7.2	78
538	Template-Assisted Synthesis of Nickel Sulfide Nanowires: Tuning the Compositions for Supercapacitors with Improved Electrochemical Stability. ACS Applied Materials & Interfaces, 2016, 8, 24645-24651.	4.0	78
539	Tuning hexagonal NaYbF₄ nanocrystals down to sub-10 nm for enhanced photon upconversion. Nanoscale, 2017, 9, 13739-13746.	2.8	78
540	Multifunctional supramolecular vesicles for combined photothermal/photodynamic/hypoxia-activated chemotherapy. Chemical Communications, 2018, 54, 10328-10331.	2.2	78

#	Article	IF	Citations
541	A Simple and Effective Chemical Route for the Preparation of Uniform Nonaqueous Gold Colloids. Chemistry of Materials, 1999, 11, 1144-1147.	3.2	77
542	Synthesis, Characterization, and Fluorescence Quenching of Novel Cationic Phenyl-Substituted Poly(p-phenylenevinylene)s. Macromolecules, 2003, 36, 6976-6984.	2.2	77
543	Singleâ€Layer Transition Metal Dichalcogenide Nanosheetâ€Assisted Assembly of Aggregationâ€Induced Emission Molecules to Form Organic Nanosheets with Enhanced Fluorescence. Advanced Materials, 2014, 26, 1735-1739.	11.1	77
544	A Mitochondriaâ€Targeted Photosensitizer Showing Improved Photodynamic Therapy Effects Under Hypoxia. Angewandte Chemie, 2016, 128, 10101-10105.	1.6	77
545	Gold Nanowire Chiral Ultrathin Films with Ultrastrong and Broadband Optical Activity. Angewandte Chemie - International Edition, 2017, 56, 5055-5060.	7.2	77
546	Peripheral Amplification of Multiâ€Resonance Induced Thermally Activated Delayed Fluorescence for Highly Efficient OLEDs. Angewandte Chemie, 2018, 130, 11486-11490.	1.6	77
547	Direct population of triplet excited states through singletâ€“triplet transition for visible-light excitable organic afterglow. Chemical Science, 2019, 10, 5031-5038.	3.7	77
548	Electrolyte Dynamics Engineering for Flexible Fiber-Shaped Aqueous Zinc-Ion Battery with Ultralong Stability. Nano Letters, 2021, 21, 9651-9660.	4.5	77
549	Synthesis of Conjugatedâ^Ionic Block Copolymers by Controlled Radical Polymerization. Macromolecules, 2003, 36, 304-310.	2.2	76
550	Microwave-assisted solvothermal preparation of nitrogen and sulfur co-doped reduced graphene oxide and graphene quantum dots hybrids for highly efficient oxygen reduction. Journal of Materials Chemistry A, 2014, 2, 20605-20611.	5.2	76
551	Interfacial engineering by using self-assembled monolayer in mesoporous perovskite solar cell. RSC Advances, 2015, 5, 94290-94295.	1.7	76
552	Triazatruxene-based materials for organic electronics and optoelectronics. Journal of Materials Chemistry C, 2016, 4, 10574-10587.	2.7	76
553	Bioâ€Erasable Intermolecular Donorâ€“Acceptor Interaction of Organic Semiconducting Nanoprobes for Activatable NIRâ€II Fluorescence Imaging. Advanced Functional Materials, 2019, 29, 1807376.	7.8	76
554	Conjugated Asymmetric Donorâ€Substituted 1,3,5â€Triazines: New Host Materials for Blue Phosphorescent Organic Lightâ€Emitting Diodes. Chemistry - A European Journal, 2011, 17, 10871-10878.	1.7	75
555	Orthorhombic KSc2F7:Yb/Er nanorods: controlled synthesis and strong red upconversion emission. Nanoscale, 2013, 5, 11928.	2.8	75
556	A cyanine-modified upconversion nanoprobe for NIR-excited imaging of endogenous hydrogen peroxide signaling inÂvivo. Biomaterials, 2015, 54, 34-43.	5.7	75
557	Ferrocene-containing poly(fluorenylethynylene)s for nonvolatile resistive memory devices. Journal of Materials Chemistry C, 2016, 4, 921-928.	2.7	75
558	PLâ€“W₁₈O₄₉â€“TPZ Nanoparticles for Simultaneous Hypoxia-Activated Chemotherapy and Photothermal Therapy. ACS Applied Materials & Interfaces, 2018, 10, 3405-3413.	4.0	75

#	Article	IF	Citations
559	Stateâ€Ofâ€Theâ€Art and Future Challenges in High Energy Lithiumâ€“Selenium Batteries. Advanced Materials, 2021, 33, e2003845.	11.1	75
560	Dumbbell-Shaped Spirocyclic Aromatic Hydrocarbon to Control Intermolecular Ï€â^'Ï€ Stacking Interaction for High-Performance Nondoped Deep-Blue Organic Light-Emitting Devices. Journal of Physical Chemistry Letters, 2010, 1, 2849-2853.	2.1	74
561	Transfer of Twoâ€Dimensional Oligonucleotide Patterns onto Stereocontrolled Plasmonic Nanostructures through DNAâ€Origamiâ€Based Nanoimprinting Lithography. Angewandte Chemie - International Edition, 2016, 55, 8036-8040.	7.2	74
562	Recent progress in small molecule fluorescent probes for nitroreductase. Chinese Chemical Letters, 2018, 29, 1451-1455.	4.8	74
563	Photophysical and Fluorescence Anisotropic Behavior of Polyfluorene Î²-Conformation Films. Journal of Physical Chemistry Letters, 2018, 9, 364-372.	2.1	74
564	1300 nm absorption two-acceptor semiconducting polymer nanoparticles for NIR-II photoacoustic imaging system guided NIR-II photothermal therapy. Chemical Communications, 2019, 55, 9487-9490.	2.2	74
565	A Highly Efficient Red Metal-free Organic Phosphor for Time-Resolved Luminescence Imaging and Photodynamic Therapy. ACS Applied Materials & Interfaces, 2019, 11, 18103-18110.	4.0	74
566	Highâ€Performance Nonvolatile Organic Fieldâ€Effect Transistor Memory Based on Organic Semiconductor Heterostructures of Pentacene/P13/Pentacene as Both Charge Transport and Trapping Layers. Advanced Science, 2017, 4, 1700007.	5.6	74
567	Facile Synthetic Route to a Novel Electroluminescent Polymerâ^'Poly(p-phenylenevinylene) Containing a Fully Conjugated Aromatic Oxadiazole Side Chain. Macromolecules, 1999, 32, 8841-8847.	2.2	73
568	Synthesis of a novel cationic water-soluble efficient blue photoluminescent conjugated polymer. Chemical Communications, 2000, , 551-552.	2.2	73
569	The production of carbon microtubes by the carbonization of catkins and their use in the oxygen reduction reaction. Carbon, 2011, 49, 5292-5297.	5.4	73
570	A Ï€-conjugated polymergelator from polyfluorene-based poly(tertiary alcohol) via the hydrogen-bonded supramolecular functionalization. Polymer Chemistry, 2013, 4, 477-483.	1.9	73
571	Epitaxial Bi₂FeCrO₆ Multiferroic Thin Film as a New Visible Light Absorbing Photocathode Material. Small, 2015, 11, 4018-4026.	5.2	73
572	A multifunctional phosphorescent iridium(<scp>iii</scp>) complex for specific nucleus staining and hypoxia monitoring. Chemical Communications, 2015, 51, 7943-7946.	2.2	73
573	DNA origami-based shape IDs for single-molecule nanomechanical genotyping. Nature Communications, 2017, 8, 14738.	5.8	73
574	V₂O₅ embedded in vertically aligned carbon nanotube arrays as free-standing electrodes for flexible supercapacitors. Journal of Materials Chemistry A, 2017, 5, 23727-23736.	5.2	73
575	Endogenous oxygen generating multifunctional theranostic nanoplatform for enhanced photodynamic-photothermal therapy and multimodal imaging. Theranostics, 2019, 9, 7697-7713.	4.6	73
576	Heterostructured TiO₂ Spheres with Tunable Interiors and Shells toward Improved Packing Density and Pseudocapacitive Sodium Storage. Advanced Materials, 2019, 31, e1904589.	11.1	73

#	Article	IF	Citations
577	Dual role of LiF as a hole-injection buffer in organic light-emitting diodes. Applied Physics Letters, 2004, 84, 2913-2915.	1.5	72
578	Enhanced deep-ultraviolet upconversion emission of Gd3+ sensitized by Yb3+ and Ho3+ in Î²-NaLuF4 microcrystals under 980 nm excitation. Journal of Materials Chemistry C, 2013, 1, 2485.	2.7	72
579	Rare Earth Ion-Doped Upconversion Nanocrystals: Synthesis and Surface Modification. Nanomaterials, 2015, 5, 1-25.	1.9	72
580	An Electrochromic Phosphorescent Iridium(III) Complex for Information Recording, Encryption, and Decryption. Advanced Optical Materials, 2015, 3, 368-375.	3.6	72
581	Alcoholâ€Mediated Resistanceâ€Switching Behavior in Metalâ€“Organic Frameworkâ€Based Electronic Devices. Angewandte Chemie - International Edition, 2016, 55, 8884-8888.	7.2	72
582	Amphiphilic Semiconducting Oligomer for Near-Infrared Photoacoustic and Fluorescence Imaging. ACS Applied Materials & Interfaces, 2017, 9, 12332-12339.	4.0	72
583	Facile synthesis of gold nanomaterials with unusual crystal structures. Nature Protocols, 2017, 12, 2367-2376.	5.5	72
584	Twisted Molecular Structure on Tuning Ultralong Organic Phosphorescence. Journal of Physical Chemistry Letters, 2018, 9, 335-339.	2.1	72
585	Metal halide perovskites for resistive switching memory devices and artificial synapses. Journal of Materials Chemistry C, 2019, 7, 7476-7493.	2.7	72
586	Stimuliâ€Responsive Reversible Switching of Intersystem Crossing in Pure Organic Material for Smart Photodynamic Therapy. Angewandte Chemie - International Edition, 2019, 58, 11105-11111.	7.2	72
587	Tin-Based Multiple Quantum Well Perovskites for Light-Emitting Diodes with Improved Stability. Journal of Physical Chemistry Letters, 2019, 10, 453-459.	2.1	72
588	Ultrastable Supramolecular Selfâ€Encapsulated Wideâ€Bandgap Conjugated Polymers for Largeâ€Area and Flexible Electroluminescent Devices. Advanced Materials, 2019, 31, e1804811.	11.1	72
589	Porous Organic Polymers as Promising Electrode Materials for Energy Storage Devices. Advanced Materials Technologies, 2020, 5, .	3.0	72
590	Modification of gold surface by grafting of poly(ethylene glycol) for reduction in protein adsorption and platelet adhesion. Journal of Biomaterials Science, Polymer Edition, 2001, 12, 515-531.	1.9	71
591	Nd2O3 Nanoparticles Modified with a Silane-Coupling Agent as a Liquid Laser Medium. Advanced Materials, 2007, 19, 838-842.	11.1	71
592	Tuning the Optoelectronic Properties of 4,4â€²-N,Nâ€²-Dicarbazole-biphenyl through Heteroatom Linkage: New Host Materials for Phosphorescent Organic Light-Emitting Diodes. Organic Letters, 2010, 12, 3438-3441.	2.4	71
593	Design and applications of gold nanoparticle conjugates by exploiting biomoleculeâ€“gold nanoparticle interactions. Nanoscale, 2013, 5, 2589.	2.8	71
594	Enhanced oxidation-resistant Cuâ€“Ni coreâ€“shell nanowires: controllable one-pot synthesis and solution processing to transparent flexible heaters. Nanoscale, 2015, 7, 16874-16879.	2.8	71

#	Article	IF	Citations
595	Achieving Optimal Self-Adaptivity for Dynamic Tuning of Organic Semiconductors through Resonance Engineering. Journal of the American Chemical Society, 2016, 138, 9655-9662.	6.6	71
596	A mitochondria-targeted two-photon fluorogenic probe for the dual-imaging of viscosity and H₂O₂ levels in Parkinson's disease models. Journal of Materials Chemistry B, 2019, 7, 4243-4251.	2.9	71
597	Organic Room-Temperature Phosphorescent Materials: From Static to Dynamic. Journal of Physical Chemistry Letters, 2020, 11, 6191-6200.	2.1	71
598	Organocatalytic asymmetric N-sulfonyl amide C-N bond activation to access axially chiral biaryl amino acids. Nature Communications, 2020, 11, 946.	5.8	71
599	Highly Efficient Blue Phosphorescence from Pillarâ€Layer MOFs by Ligand Functionalization. Advanced Materials, 2022, 34, e2107612.	11.1	71
600			

#	Article	IF	Citations
613	A highly water-soluble triblock conjugated polymer for in vivo NIR-II imaging and photothermal therapy of cancer. Polymer Chemistry, 2018, 9, 3118-3126.	1.9	69
614	Design and Synthesis of Biocompatible, Hemocompatible, and Highly Selective Antimicrobial Cationic Peptidopolysaccharides via Click Chemistry. Biomacromolecules, 2019, 20, 2230-2240.	2.6	69
615	Designing Highly Efficient Phosphorescent Neutral Tetrahedral Manganese(II) Complexes for Organic Lightâ€Emitting Diodes. Advanced Optical Materials, 2019, 7, 1801160.	3.6	69
616	Enhanced Valley Zeeman Splitting in Fe-Doped Monolayer MoS₂. ACS Nano, 2020, 14, 4636-4645.	7.3	69
617	Synthesis and Nearly Monochromatic Photoluminescence Properties of Conjugated Copolymers Containing Fluorene and Rare Earth Complexes. Macromolecules, 2003, 36, 6995-7003.	2.2	68
618	A Novel Graphene-Polysulfide Anode Material for High-Performance Lithium-Ion Batteries. Scientific Reports, 2013, 3, 2341.	1.6	68
619	A Solutionâ€Processed Resonance Host for Highly Efficient Electrophosphorescent Devices with Extremely Low Efficiency Rollâ€off. Advanced Materials, 2015, 27, 6939-6944.	11.1	68
620	A Highly Crystalline and Wide-Bandgap Polydiarylfluorene with Î²-Phase Conformation toward Stable Electroluminescence and Dual Amplified Spontaneous Emission. ACS Applied Materials & Interfaces, 2016, 8, 21648-21655.	4.0	68
621	Simultaneous enhancement of magnetic and ferroelectric properties in Dy and Cr co-doped BiFeO₃nanoparticles. Physical Chemistry Chemical Physics, 2016, 18, 6399-6405.	1.3	68
622	Using highly emissive and environmentally sensitive o-carborane-functionalized metallophosphors to monitor mitochondrial polarity. Chemical Science, 2017, 8, 5930-5940.	3.7	68
623	Sub-micron silicon/pyrolyzed carbon@natural graphite self-assembly composite anode material for lithium-ion batteries. Chemical Engineering Journal, 2017, 313, 187-196.	6.6	68
624	Highly efficient blue phosphorescent iridium(<scp>iii</scp>) complexes with various ancillary ligands for partially solution-processed organic light-emitting diodes. Journal of Materials Chemistry C, 2017, 5, 9306-9314.	2.7	68
625	Dual-Function Metalâ€“Organic Framework-Based Wearable Fibers for Gas Probing and Energy Storage. ACS Applied Materials & Interfaces, 2018, 10, 2837-2842.	4.0	68
626	Highly Stable and Multifunctional Aza-BODIPY-Based Phototherapeutic Agent for Anticancer Treatment. ACS Applied Materials & Interfaces, 2018, 10, 44324-44335.	4.0	68
627	Controllable co-assembly of organic micro/nano heterostructures from fluorescent and phosphorescent molecules for dual anti-counterfeiting. Materials Horizons, 2019, 6, 984-989.	6.4	68
628	Resonance-Induced Stimuli-Responsive Capacity Modulation of Organic Ultralong Room Temperature Phosphorescence. Journal of the American Chemical Society, 2022, 144, 6946-6953.	6.6	68
629	Enhancement of electron injection in organic light-emitting devices using an Ag/LiF cathode. Journal of Applied Physics, 2004, 95, 3828-3830.	1.1	67
630	Preparation of Weavable, Allâ€Carbon Fibers for Nonâ€Volatile Memory Devices. Angewandte Chemie - International Edition, 2013, 52, 13351-13355.	7.2	67

#	Article	IF	Citations
631	Development of Upconversion Luminescent Probe for Ratiometric Sensing and Bioimaging of Hydrogen Sulfide. ACS Applied Materials & Interfaces, 2014, 6, 11013-11017.	4.0	67
632	Tunable Electrochromic Luminescence of Iridium(III) Complexes for Information Selfâ€Encryption and Antiâ€Counterfeiting. Advanced Optical Materials, 2016, 4, 1167-1173.	3.6	67
633	Bromo-Substituted Diketopyrrolopyrrole Derivative with Specific Targeting and High Efficiency for Photodynamic Therapy. ACS Applied Materials & Interfaces, 2016, 8, 10737-10742.	4.0	67
634	Controlling Intramolecular Conformation through Nonbonding Interaction for Soft-Conjugated Materials: Molecular Design and Optoelectronic Properties. Journal of Physical Chemistry Letters, 2016, 7, 3609-3615.	2.1	67
635	Access to Amide from Aldimine via Aerobic Oxidative Carbene Catalysis and LiCl as Cooperative Lewis Acid. Organic Letters, 2017, 19, 3362-3365.	2.4	67
636	TiO₂ and Co Nanoparticleâ€Decorated Carbon Polyhedra as Efficient Sulfur Host for Highâ€Performance Lithiumâ€“Sulfur Batteries. Small, 2019, 15, e1804533.	5.2	67
637	In Situ Interface Engineering for Highly Efficient Electron-Transport-Layer-Free Perovskite Solar Cells. Nano Letters, 2020, 20, 5799-5806.	4.5	67
638	Fabrication of ultra-thin 2D covalent organic framework nanosheets and their application in functional electronic devices. Coordination Chemistry Reviews, 2021, 429, 213616.	9.5	67
639	Manipulating the Dynamics of Dark Excited States in Organic Materials for Phototheranostics. Accounts of Chemical Research, 2021, 54, 697-706.	7.6	67
640	One-step electrochemical synthesis of a grapheneâ€“ZnO hybrid for improved photocatalytic activity. Materials Research Bulletin, 2013, 48, 2855-2860.	2.7	66
641	Ultrathin and large-sized vanadium oxide nanosheets mildly prepared at room temperature for high performance fiber-based supercapacitors. Journal of Materials Chemistry A, 2017, 5, 2483-2487.	5.2	66
642	Carbon materials for enhancing charge transport in the advancements of perovskite solar cells. Journal of Power Sources, 2017, 361, 259-275.	4.0	66
643	Breaking the Efficiency Limit of Fluorescent OLEDs by Hybridized Local and Charge-Transfer Host Materials. Journal of Physical Chemistry Letters, 2018, 9, 5240-5245.	2.1	66
644	Cu,Nâ€Codoped Carbon Nanodisks with Biomimic Stomataâ€Like Interconnected Hierarchical Porous Topology as Efficient Electrocatalyst for Oxygen Reduction Reaction. Small, 2019, 15, e1902410.	5.2	66
645	Enhancing singlet oxygen generation in semiconducting polymer nanoparticles through fluorescence resonance energy transfer for tumor treatment. Chemical Science, 2019, 10, 5085-5094.	3.7	66
646	Double-acceptor conjugated polymers for NIR-II fluorescence imaging and NIR-II photothermal therapy applications. Journal of Materials Chemistry B, 2021, 9, 1002-1008.	2.9	66
647	Monochromatic light-emitting copolymers of N-vinylcarbazole and Eu-complexed 4-vinylbenzoate and their single layer high luminance PLEDs. Journal of Materials Chemistry, 2004, 14, 2741.	6.7	65
648	Polyfluoreneâ€Based Blueâ€Emitting Materials. Macromolecular Chemistry and Physics, 2009, 210, 1580-1590.	1.1	65

#	Article	IF	Citations
649	Topological Arrangement of Fluorenyl-Substituted Carbazole Triads and Starbursts: Synthesis and Optoelectronic Properties. Journal of Physical Chemistry C, 2011, 115, 6961-6967.	1.5	65
650	More than Restriction of Twisted Intramolecular Charge Transfer: Three-Dimensional Expanded #-Shaped Cross-Molecular Packing for Emission Enhancement in Aggregates. Journal of Physical Chemistry C, 2012, 116, 12187-12195.	1.5	65
651	Carborane enhanced two-photon absorption of tribranched fluorophores for fluorescence microscopy imaging. Chemical Communications, 2013, 49, 10638.	2.2	65
652	A class of wavelength-tunable near-infrared aza-BODIPY dyes and their application for sensing mercury ion. Dyes and Pigments, 2014, 103, 145-153.	2.0	65
653	Graphene oxide encapsulated gold nanoparticle based stable fibre optic sucrose sensor. Sensors and Actuators B: Chemical, 2015, 221, 835-841.	4.0	65
654	Room-temperature electroluminescence from two-dimensional lead halide perovskites. Applied Physics Letters, 2016, 109, .	1.5	65
655	Preparation of Cobalt Sulfide Nanoparticle-Decorated Nitrogen and Sulfur Co-Doped Reduced Graphene Oxide Aerogel Used as a Highly Efficient Electrocatalyst for Oxygen Reduction Reaction. Small, 2016, 12, 5920-5926.	5.2	65
656	Controlled Encapsulation of Functional Organic Molecules within Metalâ€“Organic Frameworks: In Situ Crystalline Structure Transformation. Advanced Materials, 2017, 29, 1606290.	11.1	65
657	Precisely Controlling the Grain Sizes with an Ammonium Hypophosphite Additive for Highâ€Performance Perovskite Solar Cells. Advanced Functional Materials, 2018, 28, 1802320.	7.8	65
658	Antibacterial and hydroxyapatite-forming coating for biomedical implants based on polypeptide-functionalized titania nanospikes. Biomaterials Science, 2020, 8, 278-289.	2.6	65
659	Hole-injection enhancement by copper phthalocyanine (CuPc) in blue polymer light-emitting diodes. Journal of Applied Physics, 2001, 89, 2343-2350.	1.1	64
660	A water-soluble phosphorescent polymer for time-resolved assay and bioimaging of cysteine/homocysteine. Journal of Materials Chemistry B, 2013, 1, 319-329.	2.9	64
661	Efficient and stable deep blue polymer light-emitting devices based on Î²-phase poly(9,9-dioctylfluorene). Applied Physics Letters, 2013, 103, .	1.5	64
662	Nonâ€Conjugated Polymer as an Efficient Dopantâ€Free Holeâ€Transporting Material for Perovskite Solar Cells. ChemSusChem, 2017, 10, 2578-2584.	3.6	64
663	Transient and flexible polymer memristors utilizing full-solution processed polymer nanocomposites. Nanoscale, 2018, 10, 14824-14829.	2.8	64
664	Bioorthogonal â€œLabeling after Recognitionâ€•Affording an FRET-Based Luminescent Probe for Detecting and Imaging Caspase-3 via Photoluminescence Lifetime Imaging. Journal of the American Chemical Society, 2020, 142, 1057-1064.	6.6	64
665	Polymer strategies for high-efficiency and stable perovskite solar cells. Nano Energy, 2021, 82, 105712.	8.2	64
666	New Series of Blue-Light-Emitting Polymers Constituted of 3-Alkylthiophenes and 1,4-Di(1,3,4-oxadiazolyl)phenylene. Chemistry of Materials, 1998, 10, 3340-3345.	3.2	63

#	Article	IF	Citations
667	A novel triarylamine-based conjugated polymer and its unusual light-emitting properties. Chemical Communications, 2000, , 681-682.	2.2	63
668	Size-Dependent Programming of the Dynamic Range of Graphene Oxideâ€“DNA Interaction-Based Ion Sensors. Analytical Chemistry, 2014, 86, 4047-4051.	3.2	63
669	Synthesis and Crystal Structure of Highly Strained [4]Cyclofluorene: Green-Emitting Fluorophore. Organic Letters, 2016, 18, 172-175.	2.4	63
670	Composition- and phase-controlled synthesis and applications of alloyed phase heterostructures of transition metal disulphides. Nanoscale, 2017, 9, 5102-5109.	2.8	63
671	Carbene-catalyzed aerobic oxidation of isoquinolinium salts: efficient synthesis of isoquinolinones. Green Chemistry, 2018, 20, 3302-3307.	4.6	63
672	MXene Quantum Dot/Polymer Hybrid Structures with Tunable Electrical Conductance and Resistive Switching for Nonvolatile Memory Devices. Advanced Electronic Materials, 2020, 6, 1900493.	2.6	63
673	NIR-II fluorescence imaging guided tumor-specific NIR-II photothermal therapy enhanced by starvation mediated thermal sensitization strategy. Biomaterials, 2021, 275, 120935.	5.7	63
674	Crystallization Dynamics of Snâ€Based Perovskite Thin Films: Toward Efficient and Stable Photovoltaic Devices. Advanced Energy Materials, 2022, 12, 2102213.	10.2	63
675	Synthesis, Oneâ€and Twoâ€Photon Photophysical and Excitedâ€State Properties, and Sensing Application of a New Phosphorescent Dinuclear Cationic Iridium(III) Complex. Chemistry - A European Journal, 2013, 19, 621-629.	1.7	62
676	Cationic Conjugated Polymer/Hyaluronan-Doxorubicin Complex for Sensitive Fluorescence Detection of Hyaluronidase and Tumor-Targeting Drug Delivery and Imaging. ACS Applied Materials & Interfaces, 2015, 7, 21529-21537.	4.0	62
677	Flexible wire-shaped lithium-sulfur batteries with fibrous cathodes assembled via capillary action. Nano Energy, 2017, 33, 325-333.	8.2	62
678	Highly Concentrated, Ultrathin Nickel Hydroxide Nanosheet Ink for Wearable Energy Storage Devices. Advanced Materials, 2017, 29, 1703455.	11.1	62
679	Siteâ€Selective Catalysis of a Multifunctional Linear Molecule: The Steric Hindrance of Metalâ€“Organic Framework Channels. Advanced Materials, 2018, 30, e1800643.	11.1	62
680	A Highâ€Rate and Longâ€Life Aqueous Rechargeable Ammonium Zinc Hybrid Battery. ChemSusChem, 2019, 12, 3732-3736.	3.6	62
681	Polarity-assisted formation of hollow-frame sheathed nitrogen-doped nanofibrous carbon for supercapacitors. Nanoscale, 2019, 11, 2492-2500.	2.8	62
682	Energy-level engineered hollow N-doped NiS1.03 for Znâ€“Air batteries. Energy Storage Materials, 2020, 25, 202-209.	9.5	62
683	Improving the efficiency and stability of inverted perovskite solar cells by CuSCN-doped PEDOT:PSS. Solar Energy Materials and Solar Cells, 2020, 206, 110316.	3.0	62
684	Cobalt Singleâ€Atomâ€Intercalated Molybdenum Disulfide for Sulfide Oxidation with Exceptional Chemoselectivity. Advanced Materials, 2020, 32, e1906437.	11.1	62

#	Article	IF	Citations
685	Nanoparticulation of Prodrug into Medicines for Cancer Therapy. Advanced Science, 2021, 8, e2101454.	5.6	62
686	Recent advances and challenges of inverted lead-free tin-based perovskite solar cells. Energy and Environmental Science, 0, , .	15.6	62
687	Nitric oxide activatable photosensitizer accompanying extremely elevated two-photon absorption for efficient fluorescence imaging and photodynamic therapy. Chemical Science, 2018, 9, 999-1005.	3.7	62
688	Phosphorescent platinum(ii) complexes containing different Î²-diketonate ligands: synthesis, tunable excited-state properties, and their application in bioimaging. Journal of Materials Chemistry, 2011, 21, 13951.	6.7	61
689	Hydrogenâ€Bonded Organic Aromatic Frameworks for Ultralong Phosphorescence by Intralayer Ï€â€“Ï€ Interactions. Angewandte Chemie, 2018, 130, 4069-4073.	1.6	61
690	Quasi-Two-Dimensional Se-Terminated Bismuth Oxychalcogenide (Bi₂O₂Se). ACS Nano, 2019, 13, 13439-13444.	7.3	61
691	High-Rate and High-Voltage Aqueous Rechargeable Zinc Ammonium Hybrid Battery from Selective Cation Intercalation Cathode. ACS Applied Energy Materials, 2019, 2, 6984-6989.	2.5	61
692	Spin-Valley Locking Effect in Defect States of Monolayer MoS₂. Nano Letters, 2020, 20, 2129-2136.	4.5	61
693	A novel improved procedure for the synthesis of oxazoles. Tetrahedron, 1996, 52, 10131-10136.	1.0	60
694	Novel Photoluminescent Polymers Containing Oligothiophene andm-Phenylene-1,3,4-oxadiazole Moieties:Â Synthesis and Spectroscopic and Electrochemical Studies. Journal of Organic Chemistry, 2000, 65, 3894-3901.	1.7	60
695	Novel H-Shaped Persistent Architecture Based on a Dispiro Building Block System. Organic Letters, 2006, 8, 1363-1366.	2.4	60
696	Fluorene and silafluorene conjugated copolymer: A new blue light-emitting polymer. Synthetic Metals, 2006, 156, 1161-1167.	2.1	60
697	Structural, electronic, and optical properties of 9-heterofluorenes: A quantum chemical study. Journal of Computational Chemistry, 2007, 28, 2091-2101.	1.5	60
698	Spirocyclic Aromatic Hydrocarbons (SAHs) and their Synthetic Methodologies. Current Organic Chemistry, 2010, 14, 2169-2195.	0.9	60
699	Restriction of Photoinduced Twisted Intramolecular Charge Transfer. ChemPhysChem, 2011, 12, 397-404.	1.0	60
700	Exceptional Blueshifted and Enhanced Aggregationâ€Induced Emission of Conjugated Asymmetric Triazines and Their Applications in Superamplified Detection of Explosives. Chemistry - A European Journal, 2012, 18, 15655-15661.	1.7	60
701	Spirocyclic Aromatic Hydrocarbonâ€Based Organic Nanosheets for Ecoâ€Friendly Aqueous Processed Thinâ€Film Nonâ€Volatile Memory Devices. Advanced Materials, 2013, 25, 3664-3669.	11.1	60
702	Synthesis of porous CoMoO₄nanorods as a bifunctional cathode catalyst for a Liâ€“O₂battery and superior anode for a Li-ion battery. Nanoscale, 2017, 9, 3898-3904.	2.8	60

#	Article	IF	Citations
703	Oxygen vacancy enriched hollow cobaltosic oxide frames with ultrathin walls for efficient energy storage and biosensing. Nanoscale, 2018, 10, 21006-21012.	2.8	60
704	Patterning Islandlike MnO₂ Arrays by Breath-Figure Templates for Flexible Transparent Supercapacitors. ACS Applied Materials & Interfaces, 2018, 10, 27001-27008.	4.0	60
705	Achieving Dual Persistent Roomâ€Temperature Phosphorescence from Polycyclic Luminophores via Interâ€Intramolecular Charge Transfer. Advanced Optical Materials, 2019, 7, 1900511.	3.6	60
706	Signal-Enhanced Detection of Multiplexed Cardiac Biomarkers by a Paper-Based Fluorogenic Immunodevice Integrated with Zinc Oxide Nanowires. Analytical Chemistry, 2019, 91, 9300-9307.	3.2	60
707	Frequencyâ€Upconverted Stimulated Emission by Up to Sixâ€Photon Excitation from Highly Extended Spiroâ€Fused Ladderâ€Type Oligo(pâ€phenylene)s. Angewandte Chemie - International Edition, 2021, 60, 10007-10015.	7.2	60
708	Theoretical Studies of the Structural, Electronic, and Optical Properties of Phosphafluorenes. Journal of Physical Chemistry A, 2010, 114, 3655-3667.	1.1	59
709	Photoluminescence Properties of Eu³⁺-Doped Glaserite-Type Orthovanadates CsK₂Gd[VO₄]₂. Inorganic Chemistry, 2014, 53, 4161-4168.	1.9	59
710	Critical role of chloride in organic ammonium spacer on the performance of Low-dimensional Ruddlesden-Popper perovskite solar cells. Nano Energy, 2019, 56, 373-381.	8.2	59
711	Origin of High Efficiency and Long-Term Stability in Ionic Liquid Perovskite Photovoltaic. Research, 2020, 2020, 2616345.	2.8	59
712	Microwave-enhanced multiple Suzuki couplings toward highly luminescent starburst monodisperse macromolecules. Chemical Communications, 2006, , 1959.	2.2	58
713	Selective Synthesis of TbMn2O5 Nanorods and TbMnO3 Micron Crystals. Journal of the American Chemical Society, 2006, 128, 14454-14455.	6.6	58
714	Photocontrolled Molecular Structural Transition and Doping in Graphene. ACS Nano, 2012, 6, 8878-8886.	7.3	58
715	Rational Design of Phosphorescent Chemodosimeter for Reaction-Based One- and Two-Photon and Time-Resolved Luminescent Imaging of Biothiols in Living Cells. Advanced Healthcare Materials, 2014, 3, 658-669.	3.9	58
716	Dye-conjugated upconversion nanoparticles for ratiometric imaging of intracellular pH values. Journal of Materials Chemistry C, 2015, 3, 6616-6620.	2.7	58
717	From Dark TICT State to Emissive quasi-TICT State: The AIE Mechanism of N-(3-(benzo[d]oxazol-2-yl)phenyl)-4-tert-butylbenzamide. Journal of Physical Chemistry C, 2015, 119, 2133-2141.	1.5	58
718	Templating C₆₀ on MoS₂ Nanosheets for 2D Hybrid van der Waals pâ€“n Nanoheterojunctions. Chemistry of Materials, 2016, 28, 4300-4306.	3.2	58
719	Ultrasensitive THz â€“ Plasmonics gaseous sensor using doped graphene. Sensors and Actuators B: Chemical, 2016, 227, 291-295.	4.0	58
720	Synergistic effect of anions and cations in additives for highly efficient and stable perovskite solar cells. Journal of Materials Chemistry A, 2018, 6, 9264-9270.	5.2	58

#	Article	IF	Citations
721	Ru nanodendrites composed of ultrathin fcc/hcp nanoblades for the hydrogen evolution reaction in alkaline solutions. Chemical Communications, 2018, 54, 4613-4616.	2.2	58
722	Design of a wearable and shape-memory fibriform sensor for the detection of multimodal deformation. Nanoscale, 2018, 10, 118-123.	2.8	58
723	Ratiometric Luminescent Sensor of Picric Acid Based on the Dual-Emission Mixed-Lanthanide Coordination Polymer. ACS Applied Materials & Interfaces, 2018, 10, 44109-44115.	4.0	58
724	A tumor-mitochondria dual targeted aza-BODIPY-based nanotheranostic agent for multimodal imaging-guided phototherapy. Journal of Materials Chemistry B, 2018, 6, 4522-4530.	2.9	58
725	Mussel-Inspired Hydrogel with Potent in Vivo Contact-Active Antimicrobial and Wound Healing Promoting Activities. ACS Applied Bio Materials, 2019, 2, 3329-3340.	2.3	58
726	Molecular Configuration Fixation with Câ€“HÂ·Â·Â·F Hydrogen Bonding for Thermally Activated Delayed Fluorescence Acceleration. CheM, 2020, 6, 1998-2008.	5.8	58
727	Recent progress of flexible electronics by 2D transition metal dichalcogenides. Nano Research, 2022, 15, 2413-2432.	5.8	58
728	3D Wearable Fabricâ€Based Microâ€Supercapacitors with Ultraâ€High Areal Capacitance. Advanced Functional Materials, 2021, 31, 2107484.	7.8	58
729	Recent Advances in Two-Dimensional Magnets: Physics and Devices towards Spintronic Applications. Research, 2020, 2020, 1768918.	2.8	58
730	One-Dimensional (NH=CINH ₃) ₃ PbI ₅ Perovskite for Ultralow Power Consumption Resistive Memory. Research, 2021, 2021, .	2.8	58
731	Synthesis of Conjugatedâ^'Acidic Block Copolymers by Atom Transfer Radical Polymerization. Macromolecules, 2002, 35, 9875-9881.	2.2	57
732	Hâ€Shaped Oligofluorenes for Highly Airâ€Stable and Lowâ€Threshold Nonâ€Doped Deep Blue Lasing. Advanced Materials, 2014, 26, 2937-2942.	11.1	57
733	Influence of Eu and Sr co-substitution on multiferroic properties of BiFeO3. Ceramics International, 2016, 42, 12838-12842.	2.3	57
734	Nano-black phosphorus for combined cancer phototherapy: recent advances and prospects. Nanotechnology, 2018, 29, 222001.	1.3	57
735	Phosphorescent Starburst Pt(II) Porphyrins as Bifunctional Therapeutic Agents for Tumor Hypoxia Imaging and Photodynamic Therapy. ACS Applied Materials & Interfaces, 2018, 10, 19523-19533.	4.0	57
736	Facial Control Intramolecular Charge Transfer of Quinoid Conjugated Polymers for Efficient in Vivo NIR-II Imaging. ACS Applied Materials & Interfaces, 2019, 11, 16311-16319.	4.0	57
737	Highly efficient copper-rich chalcopyrite solar cells from DMF molecular solution. Nano Energy, 2020, 69, 104438.	8.2	57
738	Ultrashort laser pulse doubling by metal-halide perovskite multiple quantum wells. Nature Communications, 2020, 11, 3361.	5.8	57

#	Article	IF	Citations
739	Solvent Effects on Supramolecular Networks Formed by Racemic Star-Shaped Oligofluorene Studied by Scanning Tunneling Microscopy. Journal of Physical Chemistry C, 2008, 112, 8649-8653.	1.5	56
740	Novel Light-Emitting Ternary Eu³⁺ Complexes Based on Multifunctional Bidentate Aryl Phosphine Oxide Derivatives: Tuning Photophysical and Electrochemical Properties toward Bright Electroluminescence. Journal of Physical Chemistry C, 2010, 114, 1674-1683.	1.5	56
741	A hydrogen peroxide electrochemical sensor based on silver nanoparticles decorated three-dimensional graphene. Applied Physics Letters, 2014, 104, .	1.5	56
742	Preparation and applications of novel composites composed of metalâ€“organic frameworks and two-dimensional materials. Chemical Communications, 2016, 52, 1555-1562.	2.2	56
743	One Dimensional Silverâ€based Nanomaterials: Preparations and Electrochemical Applications. Small, 2017, 13, 1701091.	5.2	56
744	Dual-Emissive Phosphorescent Polymer Probe for Accurate Temperature Sensing in Living Cells and Zebrafish Using Ratiometric and Phosphorescence Lifetime Imaging Microscopy. ACS Applied Materials & Interfaces, 2018, 10, 17542-17550.	4.0	56
745	Dual-Signal Luminescent Detection of Dopamine by a Single Type of Lanthanide-Doped Nanoparticles. ACS Sensors, 2018, 3, 1683-1689.	4.0	56
746	Intrinsic defects in biomass-derived carbons facilitate electroreduction of CO2. Nano Research, 2020, 13, 729-735.	5.8	56
747	Recent Advances in Design of Flexible Electrodes for Miniaturized Supercapacitors. Small Methods, 2020, 4, 1900824.	4.6	56
748	Excellent BODIPY Dye Containing Dimesitylboryl Groups as PeT-Based Fluorescent Probes for Fluoride. Journal of Physical Chemistry C, 2011, 115, 19947-19954.	1.5	55
749	Formation of graphene oxide gel via the Ï€-stacked supramolecular self-assembly. RSC Advances, 2012, 2, 12204.	1.7	55
750	New Trends in the Optical and Electronic Applications of Polymers Containing Transitionâ€Metal Complexes. Macromolecular Rapid Communications, 2012, 33, 461-480.	2.0	55
751	Monodispersed Brush-Like Conjugated Polyelectrolyte Nanoparticles with Efficient and Visualized SiRNA Delivery for Gene Silencing. Biomacromolecules, 2013, 14, 3643-3652.	2.6	55
752	Efficient and low-temperature processed perovskite solar cells based on a cross-linkable hybrid interlayer. Journal of Materials Chemistry A, 2015, 3, 18483-18491.	5.2	55
753	Sodium-Induced Reordering of Atomic Stacks in Black Phosphorus. Chemistry of Materials, 2017, 29, 1350-1356.	3.2	55
754	Reduced Efficiency Roll-Off and Enhanced Stability in Perovskite Light-Emitting Diodes with Multiple Quantum Wells. Journal of Physical Chemistry Letters, 2018, 9, 2038-2042.	2.1	55
755	Compartmentalization within Selfâ€Assembled Metalâ€“Organic Framework Nanoparticles for Tandem Reactions. Advanced Functional Materials, 2018, 28, 1802479.	7.8	55
756	Interfacial engineering enables Bi@C-TiO microspheres as superpower and long life anode for lithium-ion batteries. Nano Energy, 2018, 51, 137-145.	8.2	55

#	Article	IF	Citations
757	Identifying the active site of ultrathin NiCo LDH as an efficient peroxidase mimic with superior substrate affinity for sensitive detection of hydrogen peroxide. Journal of Materials Chemistry B, 2019, 7, 6232-6237.	2.9	55
758	Twoâ€Terminal Perovskites Tandem Solar Cells: Recent Advances and Perspectives. Solar Rrl, 2019, 3, 1900080.	3.1	55
759	Defect Passivation for Red Perovskite Light-Emitting Diodes with Improved Brightness and Stability. Journal of Physical Chemistry Letters, 2019, 10, 380-385.	2.1	55
760	Control of Barrier Width in Perovskite Multiple Quantum Wells for High Performance Green Lightâ€“Emitting Diodes. Advanced Optical Materials, 2019, 7, 1801575.	3.6	55
761	Organic phosphorescent scintillation from copolymers by X-ray irradiation. Nature Communications, 2022, 13, .	5.8	55
762	Preparation of graphene supported nickel nanoparticles and their application to methanol electrooxidation in alkaline medium. New Journal of Chemistry, 2012, 36, 1108.	1.4	54
763	PVP assisted hydrothermal fabrication and morphology-controllable fabrication of BiFeO3 uniform nanostructures with enhanced photocatalytic activities. Journal of Alloys and Compounds, 2016, 677, 288-293.	2.8	54
764	Thermally populated â€œbrightâ€•states for wide-range and high temperature sensing in air. Chemical Communications, 2017, 53, 5702-5705.	2.2	54
765	Access to Enantioenriched Organosilanes from Enals and Î²â€Silyl Enones: Carbene Organocatalysis. Angewandte Chemie - International Edition, 2018, 57, 4594-4598.	7.2	54
766	Diarylfluorene-based nano-molecules as dopant-free hole-transporting materials without post-treatment process for flexible p-i-n type perovskite solar cells. Nano Energy, 2018, 46, 241-248.	8.2	54
767	Dual confinement of polysulfides in boron-doped porous carbon sphere/graphene hybrid for advanced Li-S batteries. Nano Research, 2018, 11, 4562-4573.	5.8	54
768	Efficient recycling of trapped energies for dual-emission in Mn-doped perovskite nanocrystals. Nano Energy, 2018, 51, 704-710.	8.2	54
769	Highly Efficient Photocatalytic Degradation Performance of CsPb(Br_{1â€“x}Cl_x)₃-Au Nanoheterostructures. ACS Sustainable Chemistry and Engineering, 2019, 7, 5152-5156.	3.2	54
770	Halogen bonding in the co-crystallization of potentially ditopic diiodotetrafluorobenzene: a powerful tool for constructing multicomponent supramolecular assemblies. National Science Review, 2020, 7, 1906-1932.	4.6	54
771	Perfection of Perovskite Grain Boundary Passivation by Rhodium Incorporation for Efficient and Stable Solar Cells. Nano-Micro Letters, 2020, 12, 119.	14.4	54
772	Dual-Wavelength Electrochemiluminescence Ratiometric Biosensor for NF-ÎºB p50 Detection with Dimethylthiodiaminoterephthalate Fluorophore and Self-Assembled DNA Tetrahedron Nanostructures Probe. ACS Applied Materials & Interfaces, 2020, 12, 11409-11418.	4.0	54
773	Composite Encapsulation Enabled Superior Comprehensive Stability of Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 27277-27285.	4.0	54
774	Case Study on a Rare Effect: The Experimental and Theoretical Analysis of a Manganese(III) Spin-Crossover System. Inorganic Chemistry, 2010, 49, 9839-9851.	1.9	53

#	Article	IF	Citations
775	Design and synthesis of conjugated polymers containing Pt(ii) complexes in the side-chain and their application in polymer memory devices. Journal of Materials Chemistry, 2012, 22, 9576.	6.7	53
776	Organic semiconducting nanoprobe with redox-activatable NIR-II fluorescence forin vivoreal-time monitoring of drug toxicity. Chemical Communications, 2019, 55, 27-30.	2.2	53
777	Prolonging Ultralong Organic Phosphorescence Lifetime to 2.5 s through Confining Rotation in Molecular Rotor. Advanced Optical Materials, 2019, 7, 1800820.	3.6	53
778	Chameleonâ€Like Thermochromic Luminescent Materials with Controllable Response Behaviors for Multilevel Security Printing. Advanced Optical Materials, 2020, 8, 1901687.	3.6	53
779	Fabrication of high-quality graphene oxide nanoscrolls and application in supercapacitor. Nanoscale Research Letters, 2015, 10, 192.	3.1	52
780	Room temperature synthesis of cobalt-manganese-nickel oxalates micropolyhedrons for high-performance flexible electrochemical energy storage device. Scientific Reports, 2015, 5, 8536.	1.6	52
781	Dual-Emissive Nanohybrid for Ratiometric Luminescence and Lifetime Imaging of Intracellular Hydrogen Sulfide. ACS Applied Materials & Interfaces, 2015, 7, 5462-5470.	4.0	52
782	Fabrication of Flexible Transparent Electrode with Enhanced Conductivity from Hierarchical Metal Grids. ACS Applied Materials & Interfaces, 2017, 9, 39110-39115.	4.0	52
783	Individual Au-Nanocube Based Plasmonic Nanoprobe for Cancer Relevant MicroRNA Biomarker Detection. ACS Sensors, 2017, 2, 1435-1440.	4.0	52
784	Dopant-free hole transport materials based on alkyl-substituted indacenodithiophene for planar perovskite solar cells. Journal of Materials Chemistry C, 2018, 6, 4706-4713.	2.7	52
785	Fe₂O₃/SnSSe Hexagonal Nanoplates as Lithium-Ion Batteries Anode. ACS Applied Materials & Interfaces, 2018, 10, 12722-12730.	4.0	52
786	Predicting intersystem crossing efficiencies of organic molecules for efficient thermally activated delayed fluorescence. Journal of Materials Chemistry C, 2019, 7, 9523-9530.	2.7	52
787	Chemical Vapor Transport Reactions for Synthesizing Layered Materials and Their 2D Counterparts. Small, 2019, 15, e1804404.	5.2	52
788	Lowâ€Threshold Organic Semiconductor Lasers with the Aid of Phosphorescent Ir(III) Complexes as Triplet Sensitizers. Advanced Functional Materials, 2019, 29, 1806719.	7.8	52
789	Color-tunable ultralong organic phosphorescence materials for visual UV-light detection. Science China Chemistry, 2020, 63, 1443-1448.	4.2	52
790	Ultrastretchable, Selfâ€Healable, and Wearable Epidermal Sensors Based on Ultralong Ag Nanowires Composited Binaryâ€Networked Hydrogels. Advanced Electronic Materials, 2020, 6, 2000267.	2.6	52
791	Star-Shaped Oligofluorenes End-Capped with Carboxylic Groups: Syntheses and Self-Assembly at the Liquidâ€“Solid Interface. ACS Nano, 2007, 1, 160-167.	7.3	51
792	Carbazole endcapped heterofluorenes as host materials: theoretical study of their structural, electronic, and optical properties. Physical Chemistry Chemical Physics, 2010, 12, 15448.	1.3	51

#	Article	IF	Citations
793	Pyreneâ€Capped Conjugated Amorphous Starbursts: Synthesis, Characterization, and Stable Lasing Properties in Ambient Atmosphere. Advanced Functional Materials, 2015, 25, 4617-4625.	7.8	51
794	Tumor-targeting, enzyme-activated nanoparticles for simultaneous cancer diagnosis and photodynamic therapy. Journal of Materials Chemistry B, 2016, 4, 113-120.	2.9	51
795	Fiber-based all-solid-state asymmetric supercapacitors based on Co₃O₄@MnO₂ core/shell nanowire arrays. Journal of Materials Chemistry A, 2017, 5, 22939-22944.	5.2	51
796	Effect of Eu, Mn co-doping on structural, optical and magnetic properties of BiFeO3 nanoparticles. Materials Science in Semiconductor Processing, 2017, 57, 178-184.	1.9	51
797	Stereoselective photoredox ring-opening polymerization of O-carboxyanhydrides. Nature Communications, 2018, 9, 1559.	5.8	51
798	A transient-electroluminescence study on perovskite light-emitting diodes. Applied Physics Letters, 2019, 115, .	1.5	51
799	A high-voltage aqueous lithium ion capacitor with high energy density from an alkalineâ€“neutral electrolyte. Journal of Materials Chemistry A, 2019, 7, 4110-4118.	5.2	51
800	Conjugated Polymer Nanoparticles with Absorption beyond 1000 nm for NIR-II Fluorescence Imaging System Guided NIR-II Photothermal Therapy. ACS Applied Polymer Materials, 2020, 2, 4171-4179.	2.0	51
801	A Monochloro Copper Phthalocyanine Memristor with Highâ€Temperature Resilience for Electronic Synapse Applications. Advanced Materials, 2021, 33, e2006201.	11.1	51
802	Effect of clay addition on the morphology and thermal behavior of polyamide 6. Journal of Applied Polymer Science, 2007, 103, 1191-1199.	1.3	50
803	A Series of Redâ€Lightâ€Emitting Ionic Iridium Complexes: Structures, Excited State Properties, and Application in Electroluminescent Devices. European Journal of Inorganic Chemistry, 2008, 2008, 2177-2185.	1.0	50
804	Tricyclometalated Iridium Complexes as Highly Stable Photosensitizers for Lightâ€Induced Hydrogen Evolution. Chemistry - A European Journal, 2013, 19, 6340-6349.	1.7	50
805	A low-cost phenylbenzoimidazole containing electron transport material for efficient green phosphorescent and thermally activated delayed fluorescent OLEDs. Journal of Materials Chemistry C, 2015, 3, 5533-5540.	2.7	50
806	Small-molecule diketopyrrolopyrrole-based therapeutic nanoparticles for photoacoustic imaging-guided photothermal therapy. Nano Research, 2017, 10, 794-801.	5.8	50
807	Photothermal-triggered release of singlet oxygen from an endoperoxide-containing polymeric carrier for killing cancer cells. Materials Horizons, 2017, 4, 1185-1189.	6.4	50
808	Holey nickel hydroxide nanosheets for wearable solid-state fiber-supercapacitors. Nanoscale, 2018, 10, 5442-5448.	2.8	50
809	Paper-based fluorogenic devices for in vitro diagnostics. Biosensors and Bioelectronics, 2018, 102, 256-266.	5.3	50
810	Topochemical Synthesis of 2D Carbon Hybrids through Selfâ€Boosting Catalytic Carbonization of a Metalâ€“Polymer Framework. Angewandte Chemie - International Edition, 2018, 57, 16436-16441.	7.2	50

#	Article	IF	Citations
811	Exposed high-energy facets in ultradispersed sub-10â€‰nm SnO2 nanocrystals anchored on graphene for pseudocapacitive sodium storage and high-performance quasi-solid-state sodium-ion capacitors. NPG Asia Materials, 2018, 10, 429-440.	3.8	50
812	Thermally activated delayed fluorescence enantiomers for solution-processed circularly polarized electroluminescence. Journal of Materials Chemistry C, 2019, 7, 14511-14516.	2.7	50
813	Intermediate-phase-assisted low-temperature formation of Î³-CsPbI3 films for high-efficiency deep-red light-emitting devices. Nature Communications, 2020, 11, 4736.	5.8	50
814	Two-dimensional transition metal carbides and/or nitrides (MXenes) and their applications in sensors. Materials Today Physics, 2021, 21, 100527.	2.9	50
815	Nanostructured Titanate with Different Metal Ions on the Surface of Metallic Titanium: A Facile Approach for Regulation of rBMSCs Fate on Titanium Implants. Small, 2014, 10, 3169-3180.	5.2	49
816	Enhancement of the performance of organic solar cells by electrospray deposition with optimal solvent system. Solar Energy Materials and Solar Cells, 2014, 121, 119-125.	3.0	49
817	Cationic Conjugated Polymer/Fluoresceinamine-Hyaluronan Complex for Sensitive Fluorescence Detection of CD44 and Tumor-Targeted Cell Imaging. ACS Applied Materials & Interfaces, 2014, 6, 19144-19153.	4.0	49
818	Self-assembling sulfonated graphene/polyaniline nanocomposite paper for high performance supercapacitor. Synthetic Metals, 2015, 199, 79-86.	2.1	49
819	Comparative studies of pure, Ca-doped, Co-doped and co-doped BiFeO3 nanoparticles. Ceramics International, 2016, 42, 537-544.	2.3	49
820	Polarâ€Electrodeâ€Bridged Electroluminescent Displays: 2D Sensors Remotely Communicating Optically. Advanced Materials, 2017, 29, 1703552.	11.1	49
821	Phosphorescent iridium(<scp>iii</scp>) complexes: a versatile tool for biosensing and photodynamic therapy. Dalton Transactions, 2018, 47, 7628-7633.	1.6	49
822	4,5â€Diazafluoreneâ€Based Donorâ€“Acceptor Small Molecules as Charge Trapping Elements for Tunable Nonvolatile Organic Transistor Memory. Advanced Science, 2018, 5, 1800747.	5.6	49
823	Realization of vertical metal semiconductor heterostructures via solution phase epitaxy. Nature Communications, 2018, 9, 3611.	5.8	49
824	Tandem activated photodynamic and chemotherapy: Using pH-Sensitive nanosystems to realize different tumour distributions of photosensitizer/prodrug for amplified combination therapy. Biomaterials, 2019, 219, 119393.	5.7	49
825	Hybrid organicâ€“metal oxide multilayer channel transistors with high operational stability. Nature Electronics, 2019, 2, 587-595.	13.1	49
826	Demonstration of High-Resolution Capability of Chemical Force Titration via Study of Acid/Base Properties of a Patterned Self-Assembled Monolayer. Langmuir, 2000, 16, 517-521.	1.6	48
827	Deposition of Fluoropolymer Films on Si(100) Surfaces by Rf Magnetron Sputtering of Poly(tetrafluoroethylene). Langmuir, 2002, 18, 6373-6380.	1.6	48
828	A Highly Selective, Colorimetric, and Fluorometric Multisignaling Chemosensor for Hg²⁺ Based on Poly(pâ€phenyleneethynylene) Containing Benzo[2,1,3]thiadiazole. Macromolecular Rapid Communications, 2008, 29, 1212-1215.	2.0	48

#	Article	IF	Citations
829	Synthesis of large-scale undoped and nitrogen-doped amorphous graphene on MgO substrate by chemical vapor deposition. Journal of Materials Chemistry, 2012, 22, 19679.	6.7	48
830	Autophagyâ€Sensitized Cytotoxicity of Quantum Dots in PC12 Cells. Advanced Healthcare Materials, 2014, 3, 354-359.	3.9	48
831	Carboranes Tuning the Phosphorescence of Iridium Tetrazolate Complexes. Chemistry - A European Journal, 2014, 20, 16550-16557.	1.7	48
832	Organic radical functionalized graphene as a superior anode material for lithium-ion batteries. Journal of Materials Chemistry A, 2014, 2, 9164.	5.2	48
833	Dual-emissive Polymer Dots for Rapid Detection of Fluoride in Pure Water and Biological Systems with Improved Reliability and Accuracy. Scientific Reports, 2015, 5, 16420.	1.6	48
834	Miniature spectrometer based on diffraction in a dispersive hole array. Optics Letters, 2015, 40, 3217.	1.7	48
835	Graphene Oxide-Assisted Nucleic Acids Assays Using Conjugated Polyelectrolytes-Based Fluorescent Signal Transduction. Analytical Chemistry, 2015, 87, 3877-3883.	3.2	48
836	A single wire as all-inclusive fully functional supercapacitor. Nano Energy, 2017, 32, 201-208.	8.2	48
837	Perylene Diimide-Grafted Polymeric Nanoparticles Chelated with Gd³⁺ for Photoacoustic/T₁-Weighted Magnetic Resonance Imaging-Guided Photothermal Therapy. ACS Applied Materials & Interfaces, 2017, 9, 30458-30469.	4.0	48
838	Tunable Nonvolatile Memory Behaviors of PCBMâ€“MoS₂ 2D Nanocomposites through Surface Deposition Ratio Control. ACS Applied Materials & Interfaces, 2018, 10, 6552-6559.	4.0	48
839	Flexible, Degradable, and Cost-Effective Strain Sensor Fabricated by a Scalable Papermaking Procedure. ACS Sustainable Chemistry and Engineering, 2018, 6, 15749-15755.	3.2	48
840	Influence of Cl Incorporation in Perovskite Precursor on the Crystal Growth and Storage Stability of Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 6022-6030.	4.0	48
841	Scalable preparation of high performance fibrous electrodes with bio-inspired compact core-fluffy sheath structure for wearable supercapacitors. Carbon, 2020, 157, 106-112.	5.4	48
842	Microstructure Design of Carbonaceous Fibers: A Promising Strategy toward Highâ€Performance Weaveable/Wearable Supercapacitors. Small, 2020, 16, e2000653.	5.2	48
843	Controlling dynamic magnetic properties of coordination clustersviaswitchable electronic configuration. Chemical Society Reviews, 2021, 50, 6832-6870.	18.7	48
844	Targeted polymer-based antibiotic delivery system: A promising option for treating bacterial infections via macromolecular approaches. Progress in Polymer Science, 2021, 116, 101389.	11.8	48
845	Organic photoresponsive materials for information storage: a review. Advanced Photonics, 2020, 3, .	6.2	48
846	Plasmonic Nanobiosensor Based on Hairpin DNA for Detection of Trace Oligonucleotides Biomarker in Cancers. ACS Applied Materials & Interfaces, 2015, 7, 2459-2466.	4.0	47

#	Article	IF	Citations
847	A unique white electroluminescent one-dimensional europium(<scp>iii</scp>) coordination polymer. Journal of Materials Chemistry C, 2015, 3, 1893-1903.	2.7	47
848	Weavable, Highâ€Performance, Solidâ€State Supercapacitors Based on Hybrid Fibers Made of Sandwiched Structure of MWCNT/rGO/MWCNT. Advanced Electronic Materials, 2016, 2, 1600102.	2.6	47
849	Influence of SiO2 shell thickness on power conversion efficiency in plasmonic polymer solar cells with Au nanorod@SiO2 core-shell structures. Scientific Reports, 2016, 6, 25036.	1.6	47
850	A Series of Lanthanide-Based Metalâ€“Organic Frameworks: Synthesis, Structures, and Multicolor Tuning of Single Component. Inorganic Chemistry, 2017, 56, 2345-2353.	1.9	47
851	Highly efficient thienylquinoline-based phosphorescent iridium(III) complexes for red and white organic light-emitting diodes. Organic Electronics, 2017, 45, 293-301.	1.4	47
852	Molecularâ€Level Design of Hierarchically Porous Carbons Codoped with Nitrogen and Phosphorus Capable of In Situ Selfâ€Activation for Sustainable Energy Systems. Small, 2017, 13, 1602010.	5.2	47
853	High-rate, long cycle-life Li-ion battery anodes enabled by ultrasmall tin-based nanoparticles encapsulation. Energy Storage Materials, 2018, 14, 169-178.	9.5	47
854	Graphene quantum dots modified with adenine for efficient two-photon bioimaging and white light-activated antibacteria. Applied Surface Science, 2018, 434, 155-162.	3.1	47
855	NIR-Absorbing Dye Functionalized Supramolecular Vesicles for Chemo-photothermal Synergistic Therapy. ACS Applied Bio Materials, 2018, 1, 70-78.	2.3	47
856	Dynamic Ultralong Organic Phosphorescence by Photoactivation. Angewandte Chemie, 2018, 130, 8561-8567.	1.6	47
857	Recent progress in two-photon small molecule fluorescent probes for enzymes. Chinese Chemical Letters, 2019, 30, 1738-1744.	4.8	47
858	Highâ€Performance Inverted Planar Perovskite Solar Cells Enhanced by Thickness Tuning of New Dopantâ€Free Hole Transporting Layer. Small, 2019, 15, e1904715.	5.2	47
859	Efficient and Stable Low-Dimensional Ruddlesdenâ€“Popper Perovskite Solar Cells Enabled by Reducing Tunnel Barrier. Journal of Physical Chemistry Letters, 2019, 10, 1173-1179.	2.1	47
860	Stackingâ€Engineered Heterostructures in Transition Metal Dichalcogenides. Advanced Materials, 2021, 33, e2005735.	11.1	47
861	Structure Engineering in Biomass-Derived Carbon Materials for Electrochemical Energy Storage. Research, 2020, 2020, 8685436.	2.8	47
862	Metamaterial Absorbers: From Tunable Surface to Structural Transformation. Advanced Materials, 2022, 34, .	11.1	47
863	Spiro-functionalized Ligand with Supramolecular Steric Hindrance to Control Ï€âˆ'Ï€ Interaction in the Iridium Complex for High-Performance Electrophosphorescent Devices. Journal of Physical Chemistry Letters, 2010, 1, 272-276.	2.1	46
864	Room-Temperature NH ₃ Gas Sensor Based on Hydrothermally Grown ZnO Nanorods. Chinese Physics Letters, 2011, 28, 080702.	1.3	46

#	Article	IF	Citations
865	Hyper-Branched Phosphorescent Conjugated Polyelectrolytes for Time-Resolved Heparin Sensing. ACS Applied Materials & Interfaces, 2013, 5, 4562-4568.	4.0	46
866	Synthesis of stable heterogeneous catalysts by supporting carbon-stabilized palladium nanoparticles on MOFs. Nanoscale, 2015, 7, 8720-8724.	2.8	46
867	Triazine-phosphine oxide electron transporter for ultralow-voltage-driven sky blue PHOLEDs. Journal of Materials Chemistry C, 2015, 3, 4890-4902.	2.7	46
868	New AIE-active pyrimidine-based boronfluoride complexes with high solid-state emission and reversible mechanochromism luminescence behavior. Dalton Transactions, 2016, 45, 7278-7284.	1.6	46
869	Eco-friendly direct (hetero)-arylation polymerization: scope and limitation. Journal of Materials Chemistry C, 2017, 5, 29-40.	2.7	46
870	Inner salt-shaped small molecular photosensitizer with extremely enhanced two-photon absorption for mitochondrial-targeted photodynamic therapy. Chemical Communications, 2017, 53, 1680-1683.	2.2	46
871	The formation of perovskite multiple quantum well structures for high performance light-emitting diodes. Npj Flexible Electronics, 2018, 2, .	5.1	46
872	Super air stable quasi-2D organic-inorganic hybrid perovskites for visible light-emitting diodes. Optics Express, 2018, 26, A66.	1.7	46
873	Efficient perovskite solar cells fabricated by manganese cations incorporated in hybrid perovskites. Journal of Materials Chemistry C, 2019, 7, 11943-11952.	2.7	46
874	Facet-Dependent Control of PbI₂ Colloids for over 20% Efficient Perovskite Solar Cells. ACS Energy Letters, 2019, 4, 358-367.	8.8	46
875	Paper-based fluorescent immunoassay for highly sensitive and selective detection of norfloxacin in milk at picogram level. Talanta, 2019, 195, 333-338.	2.9	46
876	Ladder-like energy-relaying exciplex enables 100% internal quantum efficiency of white TADF-based diodes in a single emissive layer. Nature Communications, 2021, 12, 3640.	5.8	46
877	Anomalous optical properties and electron-phonon coupling enhancement in Fe2O3 nanoparticles coated with a layer of stearates. Journal of Physics and Chemistry of Solids, 1997, 58, 1315-1320.	1.9	45
878	In situ XPS studies of thermally deposited potassium on poly(p-phenylene vinylene) and its ring-substituted derivatives. Applied Surface Science, 2001, 181, 201-210.	3.1	45
879	Synthesis, morphology and photophysics of novel hybrid organicâ€“inorganic polyhedral oligomeric silsesquioxane-tethered poly(fluorenyleneethynylene)s. Polymer, 2006, 47, 1970-1978.	1.8	45
880	Imidazole derivatives: Thermally stable organic luminescence materials. Materials Chemistry and Physics, 2006, 100, 460-463.	2.0	45
881	Ï€-Conjugated Chelating Polymers with a Charged Iridium Complex in the Backbones:â€‰ Toward Saturated-Red Phosphorescent Polymer Light-Emitting Diodes. Journal of Physical Chemistry C, 2007, 111, 1166-1175.	1.5	45
882	An S = 3 cyanide-bridged tetranuclear FeIII2NiII2 square that exhibits slow relaxation of magnetization: synthesis, structure and magnetic properties. Dalton Transactions, 2010, 39, 5500.	1.6	45

#	Article	IF	Citations
883	Monochromic Red-Emitting Nonconjugated Copolymers Containing Double-Carrier-Trapping Phosphine Oxide Eu³⁺ Segments: Toward Bright and Efficient Electroluminescence. Journal of Physical Chemistry C, 2011, 115, 15627-15638.	1.5	45
884	Conjugated polymers with cationic iridium(iii) complexes in the side-chain for flash memory devices utilizing switchable through-space charge transfer. Journal of Materials Chemistry, 2012, 22, 22964.	6.7	45
885	The electrical properties of graphene modified by bromophenyl groups derived from a diazonium compound. Carbon, 2012, 50, 1517-1522.	5.4	45
886	Facile synthesis of Auâ€“SnO₂ hybrid nanospheres with enhanced photoelectrochemical biosensing performance. Nanoscale, 2014, 6, 6315-6321.	2.8	45
887	Recent Advances in Alternating Currentâ€Driven Organic Lightâ€Emitting Devices. Advanced Materials, 2017, 29, 1701441.	11.1	45
888	Lightâ€Tunable Nonvolatile Memory Characteristics in Photochromic RRAM. Advanced Electronic Materials, 2017, 3, 1600416.	2.6	45
889	Luminescent ion pairs with tunable emission colors for light-emitting devices and electrochromic switches. Chemical Science, 2017, 8, 348-360.	3.7	45
890	Transforming Monolayer Transition-Metal Dichalcogenide Nanosheets into One-Dimensional Nanoscrolls with High Photosensitivity. ACS Applied Materials & Interfaces, 2018, 10, 13011-13018.	4.0	45
891	Phosphorescent iridium(<scp>iii</scp>) complexes capable of imaging and distinguishing between exogenous and endogenous analytes in living cells. Chemical Science, 2018, 9, 7236-7240.	3.7	45
892	Emission Enhanced and Stabilized by Stereoisomeric Strategy in Hierarchical Uniform Supramolecular Framework. CheM, 2019, 5, 2470-2483.	5.8	45
893	Inâ€Plane Anisotropic Thermal Conductivity of Fewâ€Layered Transition Metal Dichalcogenide Tdâ€WTe₂. Advanced Materials, 2019, 31, e1804979.	11.1	45
894	Flexible and Degradable Multimodal Sensor Fabricated by Transferring Laser-Induced Porous Carbon on Starch Film. ACS Sustainable Chemistry and Engineering, 2020, 8, 527-533.	3.2	45
895	Treatment-dependent surface chemistry and gas sensing behavior of the thinnest member of titanium carbide MXenes. Nanoscale, 2020, 12, 16987-16994.	2.8	45
896	A Partial Sulfuration Strategy Derived Multiâ€Yolkâ€“Shell Structure for Ultraâ€Stable K/Na/Liâ€Ion Storage. Advanced Materials, 2021, 33, e2100837.	11.1	45
897	The Design and Bioimaging Applications of NIR Fluorescent Organic Dyes with High Brightness. Advanced Optical Materials, 2022, 10, .	3.6	45
898	A Novel Transparent Vanadate Glass for Use in Fiber Optics. Advanced Materials, 2005, 17, 857-859.	11.1	44
899	Controllable Growth of Well-Defined Regular Multiporphyrin Array Nanocrystals at the Waterâ^'Chloroform Interface. Langmuir, 2005, 21, 5079-5084.	1.6	44
900	Influence of oxygen plasma treatment on poly(ether sulphone) films. Polymer Degradation and Stability, 2006, 91, 12-20.	2.7	44

#	Article	IF	Citations
901	Ultra-sharp Î±-Fe2O3 nanoflakes: growth mechanism and field-emission. Applied Physics A: Materials Science and Processing, 2007, 89, 115-119.	1.1	44
902	Water-Soluble Iridium(III)-Containing Conjugated Polyelectrolytes with Weakened Energy Transfer Properties for Multicolor Protein Sensing Applications. Macromolecules, 2011, 44, 8763-8770.	2.2	44
903	Hindrance-Functionalized Ï€-Stacked Polymer Host Materials of the Cardo-Type Carbazoleâ€“Fluorene Hybrid for Solution-Processable Blue Electrophosphorescent Devices. Macromolecules, 2011, 44, 4589-4595.	2.2	44
904	Redox-crosslinked graphene networks with enhanced electrochemical capacitance. Journal of Materials Chemistry A, 2014, 2, 12924.	5.2	44
905	Target-Induced Conjunction of Split Aptamer Fragments and Assembly with a Water-Soluble Conjugated Polymer for Improved Protein Detection. ACS Applied Materials & Interfaces, 2014, 6, 3406-3412.	4.0	44
906	Thioflavin T as an Efficient G-Quadruplex Inducer for the Highly Sensitive Detection of Thrombin Using a New FÃ¶ster Resonance Energy Transfer System. ACS Applied Materials & Interfaces, 2015, 7, 16458-16465.	4.0	44
907	Synthesis of 4H/fcc-Au@Metal Sulfide Coreâ€“Shell Nanoribbons. Journal of the American Chemical Society, 2015, 137, 10910-10913.	6.6	44
908	The effect of porous structure of PMMA tunneling dielectric layer on the performance of nonvolatile floating-gate organic field-effect transistor memory devices. Organic Electronics, 2016, 33, 95-101.	1.4	44
909	Micrometer Wire Assisted Inline Machâ€“Zehnder Interferometric Curvature Sensor. IEEE Photonics Technology Letters, 2016, 28, 31-34.	1.3	44
910	Ni(OH)2/NiO nanosheet with opulent active sites for high-performance glucose biosensor. Sensors and Actuators B: Chemical, 2017, 248, 169-177.	4.0	44
911	The molecular and supramolecular aspects in mononuclear manganese(<scp>iii</scp>) Schiff-base spin crossover complexes. Dalton Transactions, 2017, 46, 11063-11077.	1.6	44
912	Direct storage of holes in ultrathin Ni(OH)₂ on Fe₂O₃ photoelectrodes for integrated solar charging battery-type supercapacitors. Journal of Materials Chemistry A, 2018, 6, 21360-21367.	5.2	44
913	Maximizing Aggregation of Organic Fluorophores to Prolong Fluorescence Lifetime for Twoâ€Photon Fluorescence Lifetime Imaging. Advanced Healthcare Materials, 2018, 7, e1800299.	3.9	44
914	In Situ Growth of CuS/SiO₂-Based Multifunctional Nanotherapeutic Agents for Combined Photodynamic/Photothermal Cancer Therapy. ACS Applied Materials & Interfaces, 2018, 10, 31008-31018.	4.0	44
915	Nanoscale hybrid multidimensional perovskites with alternating cations for high performance photovoltaic. Nano Energy, 2019, 65, 104050.	8.2	44
916	In situ construction of gradient heterojunction using organic VOx precursor for efficient and stable inverted perovskite solar cells. Nano Energy, 2020, 67, 104244.	8.2	44
917	Construction of Smart Manganese Dioxideâ€Based Allâ€inâ€One Nanoplatform for Cancer Diagnosis and Therapy. Small Methods, 2020, 4, 2000566.	4.6	44
918	In situ photoluminescence investigation of doped Alq. Applied Physics Letters, 2002, 80, 4846-4848.	1.5	43

#	Article	IF	Citations
919	Synthesis and magnetic property of submicron Bi2Fe4O9. Journal of Crystal Growth, 2006, 294, 469-473.	0.7	43
920	Deep-blue light emitting triazatruxene core/oligo-fluorene branch dendrimers for electroluminescence and optical gain applications. Journal Physics D: Applied Physics, 2007, 40, 1896-1901.	1.3	43
921	Fluorene-based macromolecular nanostructures and nanomaterials for organic (opto)electronics. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2013, 371, 20120337.	1.6	43
922	An ultrasensitive label-free biosensor for assaying of sequence-specific DNA-binding protein based on amplifying fluorescent conjugated polymer. Biosensors and Bioelectronics, 2013, 41, 218-224.	5.3	43
923	Synthesis and Characterization of Symmetric Cyclooctatetraindoles: Exploring the Potential as Electron-Rich Skeletons with Extended Ï€-Systems. Organic Letters, 2014, 16, 2942-2945.	2.4	43
924	Homogeneous near-infrared emissive polymeric nanoparticles based on amphiphilic diblock copolymers with perylene diimide and PEG pendants: self-assembly behavior and cellular imaging application. Polymer Chemistry, 2014, 5, 1372-1380.	1.9	43
925	Striving Toward Visible Light Photocatalytic Water Splitting Based on Natural Silicate Clay Mineral: The Interface Modification of Attapulgite at the Atomic-Molecular Level. ACS Sustainable Chemistry and Engineering, 2016, 4, 4601-4607.	3.2	43
926	Random terpolymer with a cost-effective monomer and comparable efficiency to PTB7-Th for bulk-heterojunction polymer solar cells. Polymer Chemistry, 2016, 7, 926-932.	1.9	43
927	Dopantâ€Free Holeâ€Transport Materials Based on Methoxytriphenylamineâ€Substituted Indacenodithienothiophene for Solutionâ€Processed Perovskite Solar Cells. ChemSusChem, 2017, 10, 2833-2838.	3.6	43
928	Steric-Hindrance-Functionalized Polydiarylfluorenes: Conformational Behavior, Stabilized Blue Electroluminescence, and Efficient Amplified Spontaneous Emission. ACS Applied Materials & Interfaces, 2017, 9, 37856-37863.	4.0	43
929	Interfaceâ€Engineered Ni(OH)₂/Î²â€like FeOOH Electrocatalysts for Highly Efficient and Stable Oxygen Evolution Reaction. Chemistry - an Asian Journal, 2017, 12, 2720-2726.	1.7	43
930	Graphene as an intermediary for enhancing the electron transfer rate: A free-standing Ni3S2@graphene@Co9S8 electrocatalytic electrode for oxygen evolution reaction. Nano Research, 2018, 11, 1389-1398.	5.8	43
931	A small-molecule probe for ratiometric photoacoustic imaging of hydrogen sulfide in living mice. Chemical Communications, 2019, 55, 5934-5937.	2.2	43
932	Improved Performance of CH₃NH₃PbI_{3â€“x}Cl_x Resistive Switching Memory by Assembling 2D/3D Perovskite Heterostructures. ACS Applied Materials & Interfaces, 2020, 12, 15439-15445.	4.0	43
933	Solutionâ€Processed pâ€SnSe/nâ€SnSe₂ Heteroâ€Structure Layers for Ultrasensitive NO₂ Detection. Chemistry - A European Journal, 2020, 26, 3870-3876.	1.7	43
934	Side chain engineering of semiconducting polymers for improved NIR-II fluorescence imaging and photothermal therapy. Chemical Engineering Journal, 2022, 428, 132098.	6.6	43
935	Graphene-based three-dimensional hierarchical sandwich-type architecture for high performance supercapacitors. RSC Advances, 2014, 4, 8466-8471.	1.7	42
936	A highly sensitive fluorescent sensor based on small molecules doped in electrospun nanofibers: detection of explosives as well as color modulation. Journal of Materials Chemistry C, 2015, 3, 8193-8199.	2.7	42

#	Article	IF	Citations
937	Substitution-driven structural, optical and magnetic transformation of Mn, Zn doped BiFeO. Ceramics International, 2015, 41, 2476-2483.	2.3	42
938	Printed electronics integrated with paper-based microfluidics: new methodologies for next-generation health care. Microfluidics and Nanofluidics, 2015, 19, 251-261.	1.0	42
939	Unexpected fluorescent emission of graft sulfonated-acetoneâ€“formaldehyde lignin and its application as a dopant of PEDOT for high performance photovoltaic and light-emitting devices. Journal of Materials Chemistry C, 2016, 4, 5297-5306.	2.7	42
940	Star-Shaped Single-Polymer Systems with Simultaneous RGB Emission: Design, Synthesis, Saturated White Electroluminescence, and Amplified Spontaneous Emission. Macromolecules, 2016, 49, 2549-2558.	2.2	42
941	Experimental and first principles investigation of the multiferroics BiFeO3 and Bi0.9Ca0.1FeO3: Structure, electronic, optical and magnetic properties. Physica B: Condensed Matter, 2016, 481, 45-52.	1.3	42
942	Insights into Li⁺-induced morphology evolution and upconversion luminescence enhancement of KSc₂F₇:Yb/Er nanocrystals. Journal of Materials Chemistry C, 2017, 5, 3503-3508.	2.7	42
943	Luminescence Color Tuning by Regulating Electrostatic Interaction in Light-Emitting Devices and Two-Photon Excited Information Decryption. Inorganic Chemistry, 2017, 56, 2409-2416.	1.9	42
944	Boosting efficiency and stability of a Cu2ZnSnS4 photocathode by alloying Ge and increasing sulfur pressure simultaneously. Nano Energy, 2017, 41, 18-26.	8.2	42
945	Flexible phosphorus doped carbon nanosheets/nanofibers: Electrospun preparation and enhanced Li-storage properties as free-standing anodes for lithium ion batteries. Journal of Power Sources, 2018, 384, 27-33.	4.0	42
946	Enhanced Performance of Perovskite Light-Emitting Diodes via Diamine Interface Modification. ACS Applied Materials & Interfaces, 2019, 11, 29132-29138.	4.0	42
947	Musselâ€Inspired, Surfaceâ€Attachable Initiator for Grafting of Antimicrobial and Antifouling Hydrogels. Macromolecular Rapid Communications, 2019, 40, e1900268.	2.0	42
948	Using and recycling V2O5 as high performance anode materials for sustainable lithium ion battery. Journal of Power Sources, 2019, 424, 158-164.	4.0	42
949	Controlling Organic Room Temperature Phosphorescence through External Heavyâ€Atom Effect for White Light Emission and Luminescence Printing. Advanced Optical Materials, 2020, 8, 1901437.	3.6	42
950	Borophene-like boron subunits-inserted molybdenum framework of MoB2 enables stable and quick-acting Li2S6-based lithium-sulfur batteries. Energy Storage Materials, 2020, 32, 216-224.	9.5	42
951	Ammonium Intercalation Induced Expanded 1T-Rich Molybdenum Diselenides for Improved Lithium Ion Storage. ACS Applied Materials & Interfaces, 2021, 13, 17459-17466.	4.0	42
952	An efficient electroluminescent (2,2â€²-bipyridine mono N-oxide) europium(iii) Î²-diketonate complex. Journal of Materials Chemistry, 2004, 14, 2732-2734.	6.7	41
953	An Effective Strategy to Tune Supramolecular Interaction via a Spiro-Bridged Spacer in Oligothiophene-S,S-dioxides and Their Anomalous Photoluminescent Behavior. Organic Letters, 2007, 9, 1619-1622.	2.4	41
954	Efficient synthesis of Ï€-extended phenazasilines for optical and electronic applications. Chemical Communications, 2014, 50, 15760-15763.	2.2	41

#	Article	IF	Citations
955	A charged iridophosphor for time-resolved luminescent CO₂gas identification. Journal of Materials Chemistry C, 2015, 3, 66-72.	2.7	41
956	Amperometric cholesterol biosensor based on zinc oxide films on a silver nanowireâ€“graphene oxide modified electrode. Analytical Methods, 2016, 8, 1806-1812.	1.3	41
957	A water-soluble phosphorescent conjugated polymer brush for tumor-targeted photodynamic therapy. Polymer Chemistry, 2017, 8, 5836-5844.	1.9	41
958	High Density Glycopolymers Functionalized Perylene Diimide Nanoparticles for Tumor-Targeted Photoacoustic Imaging and Enhanced Photothermal Therapy. Biomacromolecules, 2017, 18, 3375-3386.	2.6	41
959	A perylene diimide zwitterionic polymer for photoacoustic imaging guided photothermal/photodynamic synergistic therapy with single near-infrared irradiation. Journal of Materials Chemistry B, 2018, 6, 3395-3403.	2.9	41
960	In Situ Fabrication of Ni₂P Nanoparticles Embedded in Nitrogen and Phosphorus Codoped Carbon Nanofibers as a Superior Anode for Li-Ion Batteries. ACS Sustainable Chemistry and Engineering, 2018, 6, 14795-14801.	3.2	41
961	Revisiting the Growth of Black Phosphorus in Sn-I Assisted Reactions. Frontiers in Chemistry, 2019, 7, 21.	1.8	41
962	Chemiluminescence-initiated and in situ-enhanced photoisomerization for tissue-depth-independent photo-controlled drug release. Chemical Science, 2019, 10, 1401-1409.	3.7	41
963	Molecularly designed N, S co-doped carbon nanowalls decorated on graphene as a highly efficient sulfur reservoir for Liâ€“S batteries: a supramolecular strategy. Journal of Materials Chemistry A, 2020, 8, 5449-5457.	5.2	41
964	Polydatin protects SH-SY5Y in models of Parkinson's disease by promoting Atg5-mediated but parkin-independent autophagy. Neurochemistry International, 2020, 134, 104671.	1.9	41
965	Stretchable and Ultrasensitive Intelligent Sensors for Wireless Humanâ€“Machine Manipulation. Advanced Functional Materials, 2021, 31, 2009466.	7.8	41
966	Modulating Triâ€Mode Emission for Singleâ€Component White Organic Afterglow. Angewandte Chemie - International Edition, 2021, 60, 24984-24990.	7.2	41
967	Fully sustainable and high-performance fish gelatin-based triboelectric nanogenerator for wearable movement sensing and human-machine interaction. Nano Energy, 2021, 89, 106329.	8.2	41
968	Lithiophilic sites dependency of lithium deposition in Li metal host anodes. Nano Energy, 2022, 94, 106883.	8.2	41
969	Electroless Metallization of Glass Surfaces Functionalized by Silanization and Graft Polymerization of Aniline. Langmuir, 2001, 17, 7425-7432.	1.6	40
970	2,3,7,8,12,13â€Hexaaryltruxenes: An orthoâ€Substituted Multiarm Design and Microwaveâ€Accelerated Synthesis toward Starburst Macromolecular Materials with Wellâ€Defined Ï€ Delocalization. Chemistry - A European Journal, 2010, 16, 8471-8479.	1.7	40
971	Energy transfer in polyfluorene copolymer used for white-light organic light emitting device. Organic Electronics, 2013, 14, 827-838.	1.4	40
972	Colorimetric Assay for Heterogeneous-Catalyzed Lipase Activity: Enzyme-Regulated Gold Nanoparticle Aggregation. Journal of Agricultural and Food Chemistry, 2015, 63, 39-42.	2.4	40

#	Article	IF	Citations
973	Dipole Moment Effect of Cyano-Substituted Spirofluorenes on Charge Storage for Organic Transistor Memory. Journal of Physical Chemistry C, 2015, 119, 18014-18021.	1.5	40
974	High Efficiency Inverted Organic Solar Cells with a Neutral Fulleropyrrolidine Electron-Collecting Interlayer. ACS Applied Materials & Interfaces, 2016, 8, 14293-14300.	4.0	40
975	Encapsulation of metal layers within metalâ€“organic frameworks as hybrid thin films for selective catalysis. Nano Research, 2016, 9, 158-164.	5.8	40
976	A selenophene substituted diketopyrrolopyrrole nanotheranostic agent for highly efficient photoacoustic/infrared-thermal imaging-guided phototherapy. Organic Chemistry Frontiers, 2018, 5, 98-105.	2.3	40
977	Effects of meta or para connected organic dyes for dye-sensitized solar cell. Dyes and Pigments, 2018, 158, 165-174.	2.0	40
978	Rational design of semiconducting polymer brushes as cancer theranostics. Materials Horizons, 2020, 7, 1474-1494.	6.4	40
979	Starlike polymer brush-based ultrasmall nanoparticles with simultaneously improved NIR-II fluorescence and blood circulation for efficient orthotopic glioblastoma imaging. Biomaterials, 2021, 275, 120916.	5.7	40
980	First Hydrogen-Bonding-Induced Self-Assembled Aggregates of a Polyfluorene Derivative. Macromolecules, 2003, 36, 323-327.	2.2	39
981	Sodium stearate, an effective amphiphilic molecule buffer material between organic and metal layers in organic light-emitting devices. Applied Physics Letters, 2003, 83, 1656-1658.	1.5	39
982	Highly Selective Anionic Counterionâ€based Fluorescent Sensor for Hg²⁺ by Grafted Conjugated Polyelectrolytes. Macromolecular Rapid Communications, 2010, 31, 2160-2165.	2.0	39
983	In situ synthesis of large-area single sub-10 nm nanoparticle arrays by polymer pen lithography. Nanoscale, 2014, 6, 749-752.	2.8	39
984	Wideâ€Range Tunable Fluorescence Lifetime and Ultrabright Luminescence of Euâ€Grafted Plasmonic Coreâ€“Shell Nanoparticles for Multiplexing. Small, 2016, 12, 397-404.	5.2	39
985	Controllable synthesis of triangular Ni(HCO3)2 nanosheets for supercapacitor. Nano Research, 2016, 9, 1358-1365.	5.8	39
986	Catalyst-free one-step synthesis of ortho-tetraaryl perylene diimides for efficient OPV non-fullerene acceptors. Journal of Materials Chemistry C, 2017, 5, 2781-2785.	2.7	39
987	Host Exciton Confinement for Enhanced FÃ¶rsterâ€Transferâ€Blend Gain Media Yielding Highly Efficient Yellowâ€Green Lasers. Advanced Functional Materials, 2018, 28, 1705824.	7.8	39
988	Highly active and stable electrocatalytic hydrogen evolution catalyzed by nickel, iron doped cobalt disulfide@reduced graphene oxide nanohybrid electrocatalysts. Materials Today Energy, 2018, 7, 44-50.	2.5	39
989	Electrospun fluorescent sensors for the selective detection of nitro explosive vapors and trace water. Journal of Materials Chemistry A, 2018, 6, 18543-18550.	5.2	39
990	Achieving High Volumetric Lithium Storage Capacity in Compact Carbon Materials with Controllable Nitrogen Doping. Advanced Functional Materials, 2019, 29, 1807441.	7.8	39

#	Article	IF	Citations
991	Organic Resonance Materials: Molecular Design, Photophysical Properties, and Optoelectronic Applications. Journal of Physical Chemistry Letters, 2020, 11, 7739-7754.	2.1	39
992	Localized Electrons Enhanced Ion Transport for Ultrafast Electrochemical Energy Storage. Advanced Materials, 2020, 32, e1905578.	11.1	39
993	Asymmetric Carbeneâ€Catalyzed Oxidation of Functionalized Aldimines as 1,4â€Dipoles. Angewandte Chemie - International Edition, 2021, 60, 7913-7919.	7.2	39
994	Deterministic Approach to Achieve Full-Polarization Cloak. Research, 2021, 2021, 6382172.	2.8	39
995	Smart band-aid: Multifunctional and wearable electronic device for self-powered motion monitoring and human-machine interaction. Nano Energy, 2022, 92, 106840.	8.2	39
996	UPS Study of Compounds with Metalâ^'Silicon Bonds:â€‰ M(CO)nSiCl3 (M = Co, Mn; n = 4, 5) and Fe(CO)4(SiCl3)2. Organometallics, 1997, 16, 1567-1572.	1.1	38
997	Application of alternating fluorene and thiophene copolymers in polymer light-emitting diodes. Synthetic Metals, 2002, 129, 129-134.	2.1	38
998	Hyperbranched triazine-containing polyfluorenes: Efficient blue emitters for polymer light-emitting diodes (PLEDs). Polymer, 2007, 48, 1824-1829.	1.8	38
999	Pyrene functioned diarylfluorenes as efficient solution processable light emitting molecular glass. Organic Electronics, 2009, 10, 256-265.	1.4	38
1000	Synthesis of high-performance graphene nanosheets by thermal reduction of graphene oxide. Materials Research Bulletin, 2011, 46, 2131-2134.	2.7	38
1001	A 3-dimensional spiro-functionalized platinum(ii) complex to suppress intermolecular Ï€â€“Ï€ and Ptâ‹¯Pt supramolecular interactions for a high-performance electrophosphorescent device. Chemical Communications, 2012, 48, 3854.	2.2	38
1002	Câ€“C bond cleavage in acetonitrile by copper(ii)â€“bipyridine complexes and in situ formation of cyano-bridged mixed-valent copper complexes. Dalton Transactions, 2013, 42, 3631.	1.6	38
1003	One-pot, aqueous-phase synthesis of graphene oxide functionalized with heterocyclic groups to give increased solubility in organic solvents. RSC Advances, 2013, 3, 45-49.	1.7	38
1004	Enhancement of magnetic and ferroelectric properties of BiFeO3 by Er and transition element (Mn, Co) co-doping. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2014, 188, 26-30.	1.7	38
1005	Tuning the Optical Properties of 2â€Thienylpyridyl Iridium Complexes through Carboranes and Anions. Chemistry - A European Journal, 2015, 21, 4721-4730.	1.7	38
1006	Toward Ecoâ€friendly Green Organic Semiconductors: Recent Advances in Spiro[fluoreneâ€9,9â€²â€xanthene] (SFX)â€Based Optoelectronic Materials and Devices. Chinese Journal of Chemistry, 2015, 33, 815-827.	2.6	38
1007	Reaction-based phosphorescent nanosensor for ratiometric and time-resolved luminescence imaging of fluoride in live cells. Chemical Communications, 2015, 51, 12839-12842.	2.2	38
1008	Poly-adenine-based programmable engineering of gold nanoparticles for highly regulated spherical DNAzymes. Nanoscale, 2015, 7, 18671-18676.	2.8	38

#	Article	IF	Citations
1009	Well-Defined Star-Shaped Conjugated Macroelectrolytes as Efficient Electron-Collecting Interlayer for Inverted Polymer Solar Cells. ACS Applied Materials & Interfaces, 2015, 7, 452-459.	4.0	38
1010	High-yield and rapid synthesis of ultrathin silver nanowires for low-haze transparent conductors. RSC Advances, 2017, 7, 4891-4895.	1.7	38
1011	Modeling Thin Film Solar Cells: From Organic to Perovskite. Advanced Science, 2020, 7, 1901397.	5.6	38
1012	Conductive Ni3(HITP)2 MOFs thin films for flexible transparent supercapacitors with high rate capability. Science Bulletin, 2020, 65, 1803-1811.	4.3	38
1013	Fluorogenic Probes/Inhibitors of Î²â€Lactamase and their Applications in Drugâ€Resistant Bacteria. Angewandte Chemie - International Edition, 2021, 60, 24-40.	7.2	38
1014	Ultrathin and Ultrasensitive Direct Xâ€ray Detector Based on Heterojunction Phototransistors. Advanced Materials, 2021, 33, e2101717.	11.1	38
1015	A Cationic Water-Soluble Poly(p-phenylenevinylene) Derivative: Highly Sensitive Biosensor for Iron-Sulfur Protein Detection. Macromolecular Rapid Communications, 2006, 27, 799-803.	2.0	37
1016	A Ï€â€stacked and conjugated hybrid based on poly(Nâ€vinylcarbazole) postfunctionalized with terfluorene for stable deepâ€blue holeâ€transporting materials. Journal of Polymer Science Part A, 2009, 47, 5221-5229.	2.5	37
1017	Magnetism in oxidized graphenes with hydroxyl groups. Nanotechnology, 2011, 22, 105702.	1.3	37
1018	Describing curvedâ€“planar Ï€â€“Ï€ interactions: modeled by corannulene, pyrene and coronene. Physical Chemistry Chemical Physics, 2013, 15, 12694.	1.3	37
1019	Hydrogenâ€Bonded Supramolecular Conjugated Polymer Nanoparticles for White Lightâ€Emitting Devices. Macromolecular Rapid Communications, 2014, 35, 895-900.	2.0	37
1020	A Water-Soluble Conjugated Polymer with Pendant Disulfide Linkages to PEG Chains: A Highly Efficient Ratiometric Probe with Solubility-Induced Fluorescence Conversion for Thiol Detection. Macromolecules, 2015, 48, 1017-1025.	2.2	37
1021	Phosphine oxide-jointed electron transporters for the reduction of interfacial quenching in highly efficient blue PHOLEDs. Journal of Materials Chemistry C, 2015, 3, 5430-5439.	2.7	37
1022	Hydrazine Sensor Based on Co₃O₄/rGO/Carbon Cloth Electrochemical Electrode. Advanced Materials Interfaces, 2016, 3, 1500691.	1.9	37
1023	An Individual Nanocube-Based Plasmonic Biosensor for Real-Time Monitoring the Structural Switch of the Telomeric G-Quadruplex. Small, 2016, 12, 2913-2920.	5.2	37
1024	Structural insights into the counterion effects on the manganese(<scp>iii</scp>) spin crossover system with hexadentate Schiff-base ligands. Dalton Transactions, 2016, 45, 5676-5688.	1.6	37
1025	Comprehensive studies of the Li⁺ effect on NaYF₄:Yb/Er nanocrystals: morphology, structure, and upconversion luminescence. Dalton Transactions, 2017, 46, 8968-8974.	1.6	37
1026	Polydopamine Dots-Based Fluorescent Nanoswitch Assay for Reversible Recognition of Glutamic Acid and Al³⁺ in Human Serum and Living Cell. ACS Applied Materials & Interfaces, 2018, 10, 35760-35769.	4.0	37

#	Article	IF	Citations
1027	Template-Free Synthesis of Cobalt Silicate Nanoparticles Decorated Nanosheets for High Performance Lithium Ion Batteries. ACS Sustainable Chemistry and Engineering, 2018, 6, 15591-15597.	3.2	37
1028	Stimuliâ€Responsive Circularly Polarized Organic Ultralong Room Temperature Phosphorescence. Angewandte Chemie, 2020, 132, 4786-4792.	1.6	37
1029	Sulfonic Zwitterion for Passivating Deep and Shallow Level Defects in Perovskite Lightâ€Emitting Diodes. Advanced Functional Materials, 2022, 32, .	7.8	37
1030	Aggregation and permeation of 4-(dicyanomethylene)-2-methyl-6-(p-dimethylaminostyryl)-4H-pyran molecules in Alq. Applied Physics Letters, 2002, 81, 1122-1124.	1.5	36
1031	Optical properties and time-resolved photoluminescence of conjugated polymers with europium complex side chain as an emitter. Thin Solid Films, 2002, 417, 85-89.	0.8	36
1032	Thermooxidative stability of spectra of fluorene-based copolymers. Polymer, 2006, 47, 4816-4823.	1.8	36
1033	Comparison of the Electrochemical and Luminescence Properties of Two Carbazoleâ€Based Phosphine Oxide Eu^{III} Complexes: Effect of Different Bipolar Ligand Structures. ChemPhysChem, 2008, 9, 1752-1760.	1.0	36
1034	Molecular hosts for triplet emitters in organic light-emitting diodes and the corresponding working principle. Science China Chemistry, 2010, 53, 1679-1694.	4.2	36
1035	Linear Heterocyclic Aromatic Fluorescence Compounds Having Various Donorâ€“Acceptor Spacers Prepared by the Combination of Carbonâ€“Carbon Bond and Carbonâ€“Nitrogen Bond Cross-Coupling Reactions. Journal of Organic Chemistry, 2011, 76, 4444-4456.	1.7	36
1036	Conjugated polyelectrolyte brushes with extremely high charge density for improved energy transfer and fluorescence quenching applications. Polymer Chemistry, 2011, 2, 2369.	1.9	36
1037	Synthesis of Novel Gold Mesoflowers as SERS Tags for Immunoassay with Improved Sensitivity. ACS Applied Materials & Interfaces, 2014, 6, 21842-21850.	4.0	36
1038	MoS ₂ coated hollow carbon spheres for anodes of lithium ion batteries. 2D Materials, 2016, 3, 024001.	2.0	36
1039	Porous dimanganese trioxide microflowers derived from microcoordinations for flexible solid-state asymmetric supercapacitors. Nanoscale, 2016, 8, 11689-11697.	2.8	36
1040	Chargeâ€Storage Aromatic Amino Compounds for Nonvolatile Organic Transistor Memory Devices. Small, 2018, 14, e1800756.	5.2	36
1041	Amorphous Ionic Polymers with Colorâ€Tunable Ultralong Organic Phosphorescence. Angewandte Chemie, 2019, 131, 18952-18958.	1.6	36
1042	High-color-purity and efficient solution-processable blue phosphorescent light-emitting diodes with Pt(<scp>ii</scp>) complexes featuring ³Ï€Ï€* transitions. Materials Chemistry Frontiers, 2019, 3, 2448-2454.	3.2	36
1043	Iridium(III)-Complexed Polydendrimers for Inkjet-Printing OLEDs: The Influence of Solubilizing Steric Hindrance Groups. ACS Applied Materials & Interfaces, 2019, 11, 26174-26184.	4.0	36
1044	A highly sensitive self-enhanced aptasensor based on a stable ultrathin 2D metalâ€“organic layer with outstanding electrochemiluminescence property. Nanoscale, 2019, 11, 10056-10063.	2.8	36

#	Article	IF	Citations
1045	Visualizing hydrogen peroxide in Parkinsonâ€™s disease models via a ratiometric NIR fluorogenic probe. Sensors and Actuators B: Chemical, 2019, 279, 38-43.	4.0	36
1046	Single-step fabrication of catechol-Îµ-poly-L-lysine antimicrobial paint that prevents superbug infection and promotes osteoconductivity of titanium implants. Chemical Engineering Journal, 2020, 396, 125240.	6.6	36
1047	Photoactivatable Nitric Oxide-Releasing Gold Nanocages for Enhanced Hyperthermia Treatment of Biofilm-Associated Infections. ACS Applied Materials & Interfaces, 2021, 13, 50668-50681.	4.0	36
1048	The synthesis of highly electroactive N-doped carbon nanotube/polyaniline/Au nanocomposites and their application to the biosensor. Synthetic Metals, 2011, 161, 1940-1945.	2.1	35
1049	Hysteresis mechanism and control in pentacene organic field-effect transistors with polymer dielectric. AIP Advances, 2013, 3, .	0.6	35
1050	Crystallinity Engineering of Hematite Nanorods for Highâ€Efficiency Photoelectrochemical Water Splitting. Advanced Science, 2015, 2, 1500005.	5.6	35
1051	Coordination-Mediated Programmable Assembly of Unmodified Oligonucleotides on Plasmonic Silver Nanoparticles. ACS Applied Materials & Interfaces, 2015, 7, 11047-11052.	4.0	35
1052	Refractive index dependent real-time plasmonic nanoprobes on a single silver nanocube for ultrasensitive detection of the lung cancer-associated miRNAs. Chemical Communications, 2015, 51, 294-297.	2.2	35
1053	Understanding the Light Soaking Effects in Inverted Organic Solar Cells Functionalized with Conjugated Macroelectrolyte Electronâ€Collecting Interlayers. Advanced Science, 2016, 3, 1500245.	5.6	35
1054	A T-shaped triazatruxene probe for the naked-eye detection of HCl gas with high sensitivity and selectivity. Chemical Communications, 2016, 52, 2748-2751.	2.2	35
1055	Effect of thickness of polymer electret on charge trapping properties of pentacene-based nonvolatile field-effect transistor memory. Organic Electronics, 2017, 43, 222-228.	1.4	35
1056	An Easy Approach to Control Î²-Phase Formation in PFO Films for Optimized Emission Properties. Molecules, 2017, 22, 315.	1.7	35
1057	Light Sources and Photodetectors Enabled by 2D Semiconductors. Small Methods, 2018, 2, 1800019.	4.6	35
1058	Selenium-functionalized metal-organic frameworks as enzyme mimics. Nano Research, 2018, 11, 5761-5768.	5.8	35
1059	Using Ultrafast Responsive Phosphorescent Nanoprobe to Visualize Elevated Peroxynitrite In Vitro and In Vivo via Ratiometric and Timeâ€Resolved Photoluminescence Imaging. Advanced Healthcare Materials, 2018, 7, e1800309.	3.9	35
1060	Electrically tunable physical properties of two-dimensional materials. Nano Today, 2019, 27, 99-119.	6.2	35
1061	Bright Free Exciton Electroluminescence from Mn-Doped Two-Dimensional Layered Perovskites. Journal of Physical Chemistry Letters, 2019, 10, 3171-3175.	2.1	35
1062	Wrinkled two-dimensional ultrathin Cu(<scp>ii</scp>)-porphyrin framework nanosheets hybridized with polypyrrole for flexible all-solid-state supercapacitors. Dalton Transactions, 2019, 48, 9631-9638.	1.6	35

#	Article	IF	Citations
1063	A MAPbBr₃:poly(ethylene oxide) composite perovskite quantum dot emission layer: enhanced film stability, coverage and device performance. Nanoscale, 2019, 11, 9103-9114.	2.8	35
1064	Tailoring the Porosity in Iron Phosphosulfide Nanosheets to Improve the Performance of Photocatalytic Hydrogen Evolution. ChemSusChem, 2019, 12, 2651-2659.	3.6	35
1065	Î±-Arbutin Protects Against Parkinsonâ€™s Disease-Associated Mitochondrial Dysfunction In Vitro and In Vivo. NeuroMolecular Medicine, 2020, 22, 56-67.	1.8	35
1066	The incorporation of expanded 1T-enriched MoS2 boosts hybrid fiber improved charge storage capability. Carbon, 2020, 170, 543-549.	5.4	35
1067	Toward Seeâ€Through Optoelectronics: Transparent Lightâ€Emitting Diodes and Solar Cells. Advanced Optical Materials, 2020, 8, 2001122.	3.6	35
1068	Allâ€inorganic Snâ€based Perovskite Solar Cells: Status, Challenges, and Perspectives. ChemSusChem, 2020, 13, 6477-6497.	3.6	35
1069	Full-frame and high-contrast smart windows from halide-exchanged perovskites. Nature Communications, 2021, 12, 3360.	5.8	35
1070	Postâ€Treatment of Screenâ€Printed Silver Nanowire Networks for Highly Conductive Flexible Transparent Films. Advanced Materials Interfaces, 2021, 8, 2100548.	1.9	35
1071	Highly Efficient and Stable Hydrogen Production in All pH Range by Two-Dimensional Structured Metal-Doped Tungsten Semicarbides. Research, 2019, 2019, 4029516.	2.8	35
1072	Dual nanozyme based on ultrathin 2D conductive MOF nanosheets intergraded with gold nanoparticles for electrochemical biosensing of H2O2 in cancer cells. Talanta, 2022, 249, 123612.	2.9	35
1073	Transient biphotonic holographic grating in photoisomerizative azo materials. Physical Review B, 1998, 57, 3874-3880.	1.1	34
1074	Surface modification of polyimide films via plasma polymerization and deposition of allylpentafluorobenzene. Polymer, 2002, 43, 7279-7288.	1.8	34
1075	Di-Channel Polyfluorene Containing Spiro-Bridged Oxadiazole Branches. Macromolecular Rapid Communications, 2005, 26, 1729-1735.	2.0	34
1076	Effective non-destructive readout of photochromic bisthienyletheneâ€“phthalocyanine hybrid. Dyes and Pigments, 2007, 73, 118-120.	2.0	34
1077	Use of the Î²-Phase of Poly(9,9-dioctylfluorene) as a Probe into the Interfacial Interplay for the Mixed Bilayer Films Formed by Sequential Spin-Coating. Journal of Physical Chemistry B, 2008, 112, 1611-1618.	1.2	34
1078	Waterâ€soluble anionic conjugated polymers for metal ion sensing: Effect of interchain aggregation. Journal of Polymer Science Part A, 2009, 47, 5057-5067.	2.5	34
1079	Photophysical and electroluminescent properties of a Series of Monochromatic red-emitting europium-complexed nonconjugated copolymers based on diphenylphosphine oxide modified polyvinylcarbazole. Polymer, 2011, 52, 804-813.	1.8	34
1080	Synthesis, characterization, and catalytic behavior of a PSiP pincer-type ruthenium(II) complex. Inorganic Chemistry Communication, 2012, 15, 194-197.	1.8	34

#	Article	IF	Citations
1081	Smart Poly(Nâ€isopropylacrylamide) Containing Iridium(III) Complexes as Waterâ€Soluble Phosphorescent Probe for Sensing and Bioimaging of Homocysteine and Cysteine. Macromolecular Rapid Communications, 2013, 34, 81-86.	2.0	34
1082	The mechanical bending effect and mechanism of high performance and low-voltage flexible organic thin-film transistors with a cross-linked PVP dielectric layer. Journal of Materials Chemistry C, 2014, 2, 2998-3004.	2.7	34
1083	Carbon@NiCo₂S₄ nanorods: an excellent electrode material for supercapacitors. RSC Advances, 2015, 5, 83408-83414.	1.7	34
1084	Mobility versus Alignment of a Semiconducting Ï€-Extended Discotic Liquid-Crystalline Triindole. ACS Applied Materials & Interfaces, 2016, 8, 26964-26971.	4.0	34
1085	Influence of heteroatoms on the charge mobility of anthracene derivatives. Journal of Materials Chemistry C, 2016, 4, 3517-3522.	2.7	34
1086	A thermally stable anthracene derivative for application in organic thin film transistors. Organic Electronics, 2017, 43, 105-111.	1.4	34
1087	Low-temperature fabrication of Bi₂₅FeO₄₀/rGO nanocomposites with efficient photocatalytic performance under visible light irradiation. RSC Advances, 2017, 7, 10064-10069.	1.7	34
1088	Intramolecular charge transfer induced emission from triphenylamine-o-carborane dyads. RSC Advances, 2017, 7, 35543-35548.	1.7	34
1089	Potassium 2â€oxoâ€3â€enoates as Effective and Versatile Surrogates for Î±, Î²â€Unsaturated Aldehydes in NHCâ€Catalyzed Asymmetric Reactions. Advanced Synthesis and Catalysis, 2018, 360, 479-484.	2.1	34
1090	Lysosome-Assisted Mitochondrial Targeting Nanoprobe Based on Dye-Modified Upconversion Nanophosphors for Ratiometric Imaging of Mitochondrial Hydrogen Sulfide. ACS Applied Materials & Interfaces, 2018, 10, 39544-39556.	4.0	34
1091	Physics of intrinsic point defects in bismuth oxychalcogenides: A first-principles investigation. Journal of Applied Physics, 2018, 124, .	1.1	34
1092	Three-Dimensional Sulfite Oxidase Bioanodes Based on Graphene Functionalized Carbon Paper for Sulfite/O₂ Biofuel Cells. ACS Catalysis, 2019, 9, 6543-6554.	5.5	34
1093	A Bifunctional Saddleâ€Shaped Small Molecule as a Dopantâ€Free Hole Transporting Material and Interfacial Layer for Efficient and Stable Perovskite Solar Cells. Solar Rrl, 2019, 3, 1900011.	3.1	34
1094	Room-Temperature Phosphorescence from Metal-Free Organic Materials in Solution: Origin and Molecular Design. Journal of Physical Chemistry Letters, 2019, 10, 1037-1042.	2.1	34
1095	A fluorescent Eu(III) MOF for highly selective and sensitive sensing of picric acid. Science China Chemistry, 2019, 62, 205-211.	4.2	34
1096	Rapid Microwaveâ€Annealing Process of Hybrid Perovskites to Eliminate Miscellaneous Phase for High Performance Photovoltaics. Advanced Science, 2020, 7, 2000480.	5.6	34
1097	Green flexible electronics based on starch. Npj Flexible Electronics, 2022, 6, .	5.1	34
1098	Cruciform pâ€“n diblock conjugated oligomers for electroluminescent applications. New Journal of Chemistry, 2006, 30, 667-670.	1.4	33

#	Article	IF	Citations
1099	Carbon-nitrogen/graphene composite as metal-free electrocatalyst for the oxygen reduction reaction. Science Bulletin, 2011, 56, 3583-3589.	1.7	33
1100	Diarylfluorene-Modified Fulleropyrrolidine Acceptors to Tune Aggregate Morphology for Solution-Processable Polymer/Fullerene Bulk-Heterojunction Solar Cells. Journal of Physical Chemistry C, 2012, 116, 8881-8887.	1.5	33
1101	Performance enhancement of poly(3-hexylthiophene) organic field-effect transistor by inserting poly(methylmethacrylate) buffer layer. Applied Physics Letters, 2013, 102, 111607.	1.5	33
1102	Versatile luminescence of Eu^2+,3+-activated fluorosilicate apatites M_2Y_3[SiO_4]_3F (M = Sr, Ba) suitable for white light emitting diodes. Optical Materials Express, 2014, 4, 396.	1.6	33
1103	Single photon sources with single semiconductor quantum dots. Frontiers of Physics, 2014, 9, 170-193.	2.4	33
1104	Fluorene-based cathode interlayer polymers for high performance solution processed organic optoelectronic devices. Organic Electronics, 2014, 15, 1244-1253.	1.4	33
1105	Metal Ion-Mediated Assembly of DNA Nanostructures for Cascade Fluorescence Resonance Energy Transfer-Based Fingerprint Analysis. Analytical Chemistry, 2014, 86, 7084-7087.	3.2	33
1106	NaF-mediated controlled-synthesis of multicolor Na_xScF_{3+x}:Yb/Er upconversion nanocrystals. Nanoscale, 2015, 7, 4048-4054.	2.8	33
1107	Highly efficient red phosphorescent organic light-emitting devices based on solution-processed small molecular mixed-host. Journal of Luminescence, 2015, 161, 300-305.	1.5	33
1108	A water-soluble tetraphenylethene based probe for luminescent carbon dioxide detection and its biological application. Journal of Materials Chemistry C, 2015, 3, 11850-11856.	2.7	33
1109	Cobalt oxide nanosheets wrapped onto nickel foam for non-enzymatic detection of glucose. Nanotechnology, 2016, 27, 344001.	1.3	33
1110	Highâ€Performance Organic Solar Cells Based on a Nonâ€Fullerene Acceptor with a Spiro Core. Chemistry - an Asian Journal, 2017, 12, 721-725.	1.7	33
1111	Orientation controlled preparation of nanoporous carbon nitride fibers and related composite for gas sensing under ambient conditions. Nano Research, 2017, 10, 1710-1719.	5.8	33
1112	A small molecule/fullerene binary acceptor system for high-performance polymer solar cells with enhanced light-harvesting properties and balanced carrier mobility. Journal of Materials Chemistry A, 2017, 5, 2460-2465.	5.2	33
1113	Hereditary Character of Alkyl-Chain Length Effect on Î²-Phase Conformation from Polydialkylfluorenes to Bulky Polydiarylfluorenes. Journal of Physical Chemistry C, 2017, 121, 19087-19096.	1.5	33
1114	Twoâ€Photon Optical Properties in Individual Organicâ€“Inorganic Perovskite Microplates. Advanced Optical Materials, 2017, 5, 1700809.	3.6	33
1115	A Facile and Green Approach to Synthesize Mesoporous Anatase TiO₂ Nanomaterials for Efficient Dye-Sensitized and Hole-Conductor-Free Perovskite Solar Cells. ACS Sustainable Chemistry and Engineering, 2018, 6, 5588-5597.	3.2	33
1116	Ultralong Phosphorescence from Organic Ionic Crystals under Ambient Conditions. Angewandte Chemie, 2018, 130, 686-690.	1.6	33

#	Article	IF	Citations
1117	Control of circularly polarized luminescence from a boron ketoiminate-based Ï€-conjugated polymer via conformational locks. Polymer Chemistry, 2018, 9, 5278-5285.	1.9	33
1118	Facile Synthesis of 2,2-Diacyl Spirocyclohexanones via an N-Heterocyclic Carbene-Catalyzed Formal [3C + 3C] Annulation. Organic Letters, 2019, 21, 926-930.	2.4	33
1119	A feasible strategy for the fabrication of camouflage electrochromic fabric and unconventional devices. Electrochemistry Communications, 2019, 102, 31-36.	2.3	33
1120	Strain Engineering of Metalâ€“Halide Perovskites toward Efficient Photovoltaics: Advances and Perspectives. Solar Rrl, 2021, 5, 2000672.	3.1	33
1121	A color-tunable single molecule white light emitter with high luminescence efficiency and ultra-long room temperature phosphorescence. Journal of Materials Chemistry C, 2021, 9, 727-735.	2.7	33
1122	Low Roll-Off and High Stable Electroluminescence in Three-Dimensional FAPbI₃ Perovskites with Bifunctional-Molecule Additives. Nano Letters, 2021, 21, 3738-3744.	4.5	33
1123	Polymorphism-Dependent Dynamic Ultralong Organic Phosphorescence. Research, 2020, 2020, 8183450.	2.8	33
1124	Construction of Pt-M (M = Co, Ni, Fe)/g-C₃N₄ Composites for Highly Efficient Photocatalytic H₂ Generation. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2020, 36, 1907001-0.	2.2	33
1125	Highly Emissive and Stable Fiveâ€Coordinated Manganese(II) Complex for Xâ€Ray Imaging. Laser and Photonics Reviews, 2021, 15, 2100309.	4.4	33
1126	Highly conjugated three-dimensional covalent organic frameworks with enhanced Li-ion conductivity as solid-state electrolytes for high-performance lithium metal batteries. Journal of Materials Chemistry A, 2022, 10, 8761-8771.	5.2	33
1127	Nitrogen and Oxygen Coâ€Doped Porous Hard Carbon Nanospheres with Coreâ€Shell Architecture as Anode Materials for Superior Potassiumâ€Ion Storage. Small, 2022, 18, e2104296.	5.2	33
1128	Polyphenylene Dendrimerâ€Templated In Situ Construction of Inorganicâ€“Organic Hybrid Riceâ€Shaped Architectures. Advanced Functional Materials, 2010, 20, 43-49.	7.8	32
1129	A highly selective and naked-eye sensor for Hg2+ based on quinazoline-4(3H)-thione. New Journal of Chemistry, 2012, 36, 1879.	1.4	32
1130	Multi-functional fluorescent probe for Hg2+, Cu2+ and ClOâ^' based on a pyrimidin-4-yl phenothiazine derivative. Analyst, The, 2013, 138, 6607.	1.7	32
1131	Ï€-Conjugation-interrupted hyperbranched polymer electrets for organic nonvolatile transistor memory devices. Journal of Materials Chemistry C, 2014, 2, 3738-3743.	2.7	32
1132	Donorâ€“acceptor conjugated polymers based on thieno[3,2-b]indole (TI) and 2,1,3-benzothiadiazole (BT) for high efficiency polymer solar cells. Journal of Materials Chemistry C, 2016, 4, 5448-5460.	2.7	32
1133	Thin-film organic semiconductor devices: from flexibility to ultraflexibility. Science China Materials, 2016, 59, 589-608.	3.5	32
1134	Binder-free graphene/carbon nanotube/silicon hybrid grid as freestanding anode for high capacity lithium ion batteries. Composites Part A: Applied Science and Manufacturing, 2016, 84, 386-392.	3.8	32

#	Article	IF	Citations
1135	Highly efficient and stable inverted planar solar cells from (FAI)x(MABr)1âˆ'xPbI2 perovskites. Nano Energy, 2017, 35, 62-70.	8.2	32
1136	Dimerization effect of fluorene-based semiconductors on conformational planarization for microcrystal lasing. Journal of Materials Chemistry C, 2017, 5, 5345-5355.	2.7	32
1137	Versatile functionalization of trifluoromethyl based deep blue thermally activated delayed fluorescence materials for organic light emitting diodes. New Journal of Chemistry, 2018, 42, 4317-4323.	1.4	32
1138	Assessment for Anion-Exchange Reaction in CsPbX₃ (X = Cl, Br, I) Nanocrystals from Bond Strength of Inorganic Salt. Journal of Physical Chemistry C, 2019, 123, 24313-24320.	1.5	32
1139	Highly efficient broadband photodetectors based on lithography-free Au/Bi₂O₂Se/Au heterostructures. Nanoscale, 2019, 11, 20707-20714.	2.8	32
1140	Efficient Polysulfideâ€Based Nanotheranostics for Tripleâ€Negative Breast Cancer: Ratiometric Photoacoustics Monitored Tumor Microenvironmentâ€Initiated H₂S Therapy. Small, 2020, 16, e2002939.	5.2	32
1141	In situ observation of Î´ phase suppression by lattice strain in all-inorganic perovskite solar cells. Nano Energy, 2020, 73, 104803.	8.2	32
1142	3D printing-assisted gyroidal graphite foam for advanced supercapacitors. Chemical Engineering Journal, 2021, 416, 127885.	6.6	32
1143	Ï€-Extended Naphthalene Diimide Derivatives for n-Type Semiconducting Polymers. Chemistry of Materials, 2020, 32, 5317-5326.	3.2	32
1144	Single-Step Organization of Plasmonic Gold Metamaterials with Self-Assembled DNA Nanostructures. Research, 2019, 2019, 7403580.	2.8	32
1145	Halide Homogenization for High-Performance Blue Perovskite Electroluminescence. Research, 2020, 2020, 9017871.	2.8	32
1146	The effects of different interfacial environments on the optical nonlinearity of nanometer-sized CdO organosol. Applied Physics Letters, 1997, 71, 2097-2099.	1.5	31
1147	Synthesis and characterization of a cyano-substituted electroluminescent polymer with well-defined conjugation length. Thin Solid Films, 2000, 363, 110-113.	0.8	31
1148	Cationic, water-soluble, fluorene-containing poly(arylene ethynylene)s: Effects of water solubility on aggregation, photoluminescence efficiency, and amplified fluorescence quenching in aqueous solutions. Journal of Polymer Science Part A, 2006, 44, 5778-5794.	2.5	31
1149	An efficient synthesis of novel spiro[[8H]indeno[2,1-b]-thiophene-8,9â€²-fluorene] building block for blue light-emitting materials. Tetrahedron Letters, 2006, 47, 6421-6424.	0.7	31
1150	Synthesis of novel star-shaped carbazole-functionalized triazatruxenes. Tetrahedron Letters, 2006, 47, 7089-7092.	0.7	31
1151	Reversible addition-fragmentation chain transfer polymerization of methacrylates containing hole- or electron-transporting groups. Journal of Polymer Science Part A, 2007, 45, 242-252.	2.5	31
1152	Fluorescence â€œturn-onâ€•metal ion sensors based on switching of intramolecular charge transfer of donorâ€“acceptor systems. Sensors and Actuators B: Chemical, 2010, 150, 798-805.	4.0	31

#	Article	IF	Citations
1153	Improved Energy Transfer through the Formation of the Î² Phase for Polyfluorenes Containing Phosphorescent Iridium(III) Complexes. Journal of Physical Chemistry C, 2011, 115, 11749-11757.	1.5	31
1154	One-pot synthesis of 2-bromo-4,5-diazafluoren-9-one via a tandem oxidationâ€“bromination-rearrangement of phenanthroline and its hammer-shaped donorâ€“acceptor organic semiconductors. Tetrahedron, 2011, 67, 1977-1982.	1.0	31
1155	Recent progress in the numerical modeling for organic thin film solar cells. Science China: Physics, Mechanics and Astronomy, 2011, 54, 375-387.	2.0	31
1156	Improving spectral response of monocrystalline silicon photovoltaic modules using high efficient luminescent downâ€shifting Eu³⁺ complexes. Progress in Photovoltaics: Research and Applications, 2013, 21, 668-675.	4.4	31
1157	Template-Free Synthesis of Hematite Photoanodes with Nanostructured ATO Conductive Underlayer for PEC Water Splitting. ACS Applied Materials & Interfaces, 2014, 6, 36-40.	4.0	31
1158	From ScOOH to Sc₂O₃: Phase Control, Luminescent Properties, and Applications. Advanced Materials, 2016, 28, 6665-6671.	11.1	31
1159	A phosphorescent Ir(<scp>iii</scp>) complex with formamide for the luminescence determination of low-level water content in organic solvents. Journal of Materials Chemistry C, 2016, 4, 6110-6116.	2.7	31
1160	Layer-by-Layer 3D Constructs of Fibroblasts in Hydrogel for Examining Transdermal Penetration Capability of Nanoparticles. SLAS Technology, 2017, 22, 447-453.	1.0	31
1161	Alleviating the emitter concentration effect on upconversion nanoparticles via an inert shell. Journal of Materials Chemistry C, 2017, 5, 1537-1543.	2.7	31
1162	Selfâ€Templated Formation of Uniform Fâ€CuO Hollow Octahedra for Lithium Ion Batteries. Small, 2017, 13, 1603500.	5.2	31
1163	Controllable Multiple Depression in a Graphene Oxide Artificial Synapse. Advanced Electronic Materials, 2017, 3, 1600244.	2.6	31
1164	Probing Triplet Excited States and Managing Blue Light Emission of Neutral Tetradentate Platinum(II) Complexes. Journal of Physical Chemistry Letters, 2018, 9, 2285-2292.	2.1	31
1165	Extending Hypochlorite Sensing from Cells to Elesclomol-Treated Tumors in Vivo by Using a Near-Infrared Dual-Phosphorescent Nanoprobe. ACS Applied Materials & Interfaces, 2018, 10, 35838-35846.	4.0	31
1166	Bendable Network Built with Ultralong Silica Nanowires as a Stable Separator for High-Safety and High-Power Lithium-Metal Batteries. ACS Applied Materials & Interfaces, 2019, 11, 34895-34903.	4.0	31
1167	A cyclometalating organic ligand with an Iridium center toward dramatically improved photovoltaic performance in organic solar cells. Chemical Communications, 2019, 55, 2640-2643.	2.2	31
1168	Hydrophilic nano-porous carbon derived from egg whites for highly efficient capacitive deionization. Applied Surface Science, 2020, 512, 145740.	3.1	31
1169	Rapid inactivation of multidrug-resistant bacteria and enhancement of osteoinduction via titania nanotubes grafted with polyguanidines. Journal of Materials Science and Technology, 2021, 69, 188-199.	5.6	31
1170	Thin-film transistors for emerging neuromorphic electronics: fundamentals, materials, and pattern recognition. Journal of Materials Chemistry C, 2021, 9, 11464-11483.	2.7	31

#	Article	IF	Citations
1171	Recent Advances in Molybdenum-Based Materials for Lithium-Sulfur Batteries. Research, 2021, 2021, 5130420.	2.8	31
1172	Hydrogelâ€based composites: Unlimited platforms for biosensors and diagnostics. View, 2021, 2, 20200165.	2.7	31
1173	Robust self-gated-carriers enabling highly sensitive wearable temperature sensors. Applied Physics Reviews, 2021, 8, .	5.5	31
1174	Ionic Liquid for Perovskite Solar Cells: An Emerging Solvent Engineering Technology. Accounts of Materials Research, 2021, 2, 1059-1070.	5.9	31
1175	An Overview of Organs-on-Chips Based on Deep Learning. Research, 2022, 2022, 9869518.	2.8	31
1176	A Novel Series of Copolymers Containing 2,5-Dicyano-1,4-phenylenevinylene-Synthetic Tuning of the HOMO and LUMO Energy Levels of Conjugated Polymers. Chemistry - A European Journal, 2000, 6, 1318-1321.	1.7	30
1177	Theoretical Studies of Electron Transport in Thiophene Dimer: Effects of Substituent Group and Heteroatom. Journal of Physical Chemistry A, 2011, 115, 4535-4546.	1.1	30
1178	An excellent BODIPY dye containing a benzo[2,1,3]thiadiazole bridge as a highly selective colorimetric and fluorescent probe for Hg2+ with naked-eye detection. New Journal of Chemistry, 2011, 35, 1194.	1.4	30
1179	Fluorescent-magnetic poly(poly(ethyleneglycol)monomethacrylate)-grafted Fe3O4 nanoparticles from post-atom-transfer-radical-polymerization modification: synthesis, characterization, cellular uptake and imaging. Journal of Materials Chemistry, 2012, 22, 6965.	6.7	30
1180	Computational design and selection of optimal building blocks and linking topologies for construction of high-performance host materials. RSC Advances, 2012, 2, 7860.	1.7	30
1181	A new spiro[fluorene-9,9â€²-xanthene]-based host material possessing no conventional hole- and electron-transporting units for efficient and low voltage blue PHOLED via simple two-step synthesis. Organic Electronics, 2012, 13, 2741-2746.	1.4	30
1182	Highly efficient red iridium(III) complexes based on phthalazine derivatives for organic light-emitting diodes. Dyes and Pigments, 2013, 97, 43-51.	2.0	30
1183	Water-soluble conjugated polyelectrolyte brush encapsulated rare-earth ion doped nanoparticles with dual-upconversion properties for multicolor cell imaging. Chemical Communications, 2013, 49, 9012.	2.2	30
1184	Thermostability, Photoluminescence, and Electrical Properties of Reduced Graphene Oxideâ€“Carbon Nanotube Hybrid Materials. Crystals, 2013, 3, 28-37.	1.0	30
1185	Friedelâ€“Crafts Bottom-up Synthesis of Fluorene-Based Soluble Luminescent Organic Nanogrids. Organic Letters, 2014, 16, 1748-1751.	2.4	30
1186	Chemically Functionalized Conjugated Oligoelectrolyte Nanoparticles for Enhancement of Current Generation in Microbial Fuel Cells. ACS Applied Materials & Interfaces, 2015, 7, 14501-14505.	4.0	30
1187	Distinct phosphorescence enhancement of red-emitting iridium(iii) complexes with formyl-functionalized phenylpyridine ligands. Journal of Materials Chemistry C, 2016, 4, 4709-4718.	2.7	30
1188	Fully conjugated block copolymers for single-component solar cells: synthesis, purification, and characterization. New Journal of Chemistry, 2016, 40, 1825-1833.	1.4	30

#	Article	IF	Citations
1189	Rational design of a luminescent nanoprobe for hypoxia imaging in vivo via ratiometric and photoluminescence lifetime imaging microscopy. Chemical Communications, 2017, 53, 4144-4147.	2.2	30
1190	Syntheses, structures and magnetic properties of nine coordination polymers based on terphenyl-tetracarboxylic acid ligands. Dalton Transactions, 2017, 46, 430-444.	1.6	30
1191	Highly effective thieno[2,3-b]indole-diketopyrrolopyrrole near-infrared photosensitizer for photodynamic/photothermal dual mode therapy. Dyes and Pigments, 2017, 147, 270-282.	2.0	30
1192	Fully Solutionâ€Processed Transparent Nonvolatile and Volatile Multifunctional Memory Devices from Conductive Polymer and Graphene Oxide. Advanced Electronic Materials, 2017, 3, 1700135.	2.6	30
1193	Design and Synthesis of Monodisperse Macromolecular Starbursts Based on a Triazine Center with Multibranched Oligofluorenes as Efficient Gain Media for Organic Lasers. Macromolecules, 2018, 51, 1325-1335.	2.2	30
1194	Spatially confined luminescence process in tip-modified heterogeneous-structured microrods for high-level anti-counterfeiting. Physical Chemistry Chemical Physics, 2018, 20, 9516-9522.	1.3	30
1195	Full-solution processed all-nanowire flexible and transparent ultraviolet photodetectors. Journal of Materials Chemistry C, 2018, 6, 11666-11672.	2.7	30
1196	Hierarchical Uniform Supramolecular Conjugated Spherulites with Suppression of Defect Emission. IScience, 2019, 16, 399-409.	1.9	30
1197	Hyaluronic Acid Nanoparticles Based on a Conjugated Oligomer Photosensitizer: Target-Specific Two-Photon Imaging, Redox-Sensitive Drug Delivery, and Synergistic Chemo-Photodynamic Therapy. ACS Applied Bio Materials, 2019, 2, 2421-2434.	2.3	30
1198	Hybrid Rhodamine Fluorophores in the Visible/NIR Region for Biological Imaging. Angewandte Chemie, 2019, 131, 14164-14181.	1.6	30
1199	Surfaceâ€Plasmonâ€Enhanced Perovskite Lightâ€Emitting Diodes. Small, 2020, 16, e2001861.	5.2	30
1200	Hydrophilic Ultralong Organic Nanophosphors. Small, 2020, 16, e1906733.	5.2	30
1201	Afterglow Carbon Dots: From Fundamentals to Applications. Research, 2021, 2021, .	2.8	30
1202	Di-defects synergy boost electrocatalysis hydrogen evolution over two-dimensional heterojunctions. Nano Research, 2022, 15, 677-684.	5.8	30
1203	Layerâ€byâ€Layer 2D Ultrathin Conductive Cu₃(HHTP)₂ Film for Highâ€Performance Flexible Transparent Supercapacitors. Advanced Materials Interfaces, 2021, 8, 2100308.	1.9	30
1204	A Schiff base-functionalized graphene quantum dot nanocomposite for preferable picric acid sensing. Dyes and Pigments, 2021, 191, 109355.	2.0	30
1205	Signal Filtering Enabled by Spike Voltageâ€Dependent Plasticity in Metalloporphyrinâ€Based Memristors. Advanced Materials, 2021, 33, e2104370.	11.1	30
1206	Fluorine-induced aggregate-interlocking for color-tunable organic afterglow with a simultaneously improved efficiency and lifetime. Chemical Science, 2021, 12, 3580-3586.	3.7	30

#	Article	IF	Citations
1207	Hydrogel-based flexible materials for diabetes diagnosis, treatment, and management. Npj Flexible Electronics, 2021, 5, .	5.1	30
1208	Synthesis and electrochemical characterization of a new polymer constituted of alternating carbazole and oxadiazole moieties. Synthetic Metals, 1999, 100, 297-301.	2.1	29
1209	A facile route to semiconductor nanocrystal-semiconducting polymer complex using amine-functionalized rodâ€“coil triblock copolymer as multidentate ligand. Nanotechnology, 2007, 18, 035704.	1.3	29
1210	Electrical characteristics and carrier transport mechanisms of write-once-read-many-times memory elements based on graphene oxide diodes. Journal of Applied Physics, 2011, 110, .	1.1	29
1211	Novel heterofluorene-based hosts for highly efficient blue electrophosphorescence at low operating voltages. Organic Electronics, 2011, 12, 1619-1624.	1.4	29
1212	A bulky pyridinylfluorene-fuctionalizing approach to synthesize diarylfluorene-based bipolar host materials for efficient red, green, blue and white electrophosphorescent devices. Journal of Materials Chemistry C, 2013, 1, 3482.	2.7	29
1213	A hydrophilic monodisperse conjugated starburst macromolecule with multidimensional topology as electron transport/injection layer for organic electronics. Polymer Chemistry, 2014, 5, 2942-2950.	1.9	29
1214	An efficient yellow-emitting vanadate Cs 5 V 3 O 10 under UV light and X-ray excitation. Materials Letters, 2015, 149, 89-91.	1.3	29
1215	Longâ€Lived Phosphorescent Iridium(III) Complexes Conjugated with Cationic Polyfluorenes for Heparin Sensing and Cellular Imaging. Macromolecular Rapid Communications, 2015, 36, 640-646.	2.0	29
1216	A Convenient Approach To Synthesize oâ€Carboraneâ€Functionalized Phosphorescent Iridium(III) Complexes for Endocellular Hypoxia Imaging. Chemistry - A European Journal, 2016, 22, 17282-17290.	1.7	29
1217	A High Performance Deep Blue Organic Laser Gain Material. Advanced Optical Materials, 2017, 5, 1601003.	3.6	29
1218	Solution-processed diarylfluorene derivatives for violet-blue amplified spontaneous emission and electroluminescence. Journal of Materials Chemistry C, 2017, 5, 9903-9910.	2.7	29
1219	Two-In-One Method for Graphene Transfer: Simplified Fabrication Process for Organic Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2018, 10, 7289-7295.	4.0	29
1220	10.3% Efficient CuIn(S,Se)₂ Solar Cells from DMF Molecular Solution with the Absorber Selenized under High Argon Pressure. Solar Rrl, 2018, 2, 1800044.	3.1	29
1221	Mechanistic insight in site-selective and anisotropic etching of prussian blue analogues toward designable complex architectures for efficient energy storage. Nanoscale, 2020, 12, 11112-11118.	2.8	29
1222	Passivating Charged Defects with 1,6-Hexamethylenediamine To Realize Efficient and Stable Tin-Based Perovskite Solar Cells. Journal of Physical Chemistry C, 2020, 124, 16289-16299.	1.5	29
1223	Breaching Kasha's rule for dual emission: mechanisms, materials and applications. Journal of Materials Chemistry C, 2021, 9, 10154-10172.	2.7	29
1224	Recent Development of Gas Sensing Platforms Based on 2D Atomic Crystals. Research, 2021, 2021, 9863038.	2.8	29

#	Article	IF	Citations
1225	Allâ€inâ€One Hollow Flowerâ€Like Covalent Organic Frameworks for Flexible Transparent Devices. Advanced Functional Materials, 2021, 31, 2010306.	7.8	29
1226	Elastic organic crystals with ultralong phosphorescence for flexible anti-counterfeiting. Npj Flexible Electronics, 2021, 5, .	5.1	29
1227	Unveiling the Effects of Interchain Hydrogen Bonds on Solution Gelation and Mechanical Properties of Diarylfluorene-Based Semiconductor Polymers. Research, 2020, 2020, 3405826.	2.8	29
1228	Flexible organic electrochemical transistors for chemical and biological sensing. Nano Research, 2022, 15, 2433-2464.	5.8	29
1229	Phenylene-functionalized polythiophene derivatives for light-emitting diodes: their synthesis, characterization and propertiesElectronic supplementary information (ESI) available: experimental details for the preparation of compounds 2, 3aâ€“c and 4aâ€“c. See http://www.rsc.org/suppdata/jm/b1/b103717j/. Journal of Materials Chemistry, 2001, 11, 3082-3086.	6.7	28
1230	Syntheses, characterization, and energy transfer properties of benzothiadiazole-based hyperbranched polyfluorenes. Polymer, 2006, 47, 7382-7390.	1.8	28
1231	Substituent Effects on Two-Dimensional Assembling and Chain Folding of Rigid-Rod Polymer Poly(p-phenyleneethynylene) Derivatives on the Solid/Liquid Interface. Macromolecules, 2007, 40, 4552-4560.	2.2	28
1232	A Kinetic Model for Nanocrystal Morphology Evolution. ChemPhysChem, 2007, 8, 703-711.	1.0	28
1233	Hyperbranched framework of interrupted Ï€â€conjugated polymers endâ€capped with high carrierâ€mobility moieties for stable lightâ€emitting materials with low driving voltage. Journal of Polymer Science Part A, 2009, 47, 6451-6462.	2.5	28
1234	BF3Â·Et2O-mediated Friedelâ€“Crafts Câ€“H bond polymerization to synthesize Ï€-conjugation-interrupted polymer semiconductors. Polymer Chemistry, 2011, 2, 2179.	1.9	28
1235	pâ€“n Metallophosphor based on cationic iridium(iii) complex for solid-state light-emitting electrochemical cells. Journal of Materials Chemistry, 2011, 21, 13999.	6.7	28
1236	Palladium-Catalyzed Direct Arylation of Câ€“H Bond To Construct Quaternary Carbon Centers: The Synthesis of Diarylfluorene. Organic Letters, 2013, 15, 3102-3105.	2.4	28
1237	Water Reduction Systems Associated with Homoleptic Cyclometalated Iridium Complexes of Various 2â€Phenylpyridines. ChemSusChem, 2013, 6, 1357-1365.	3.6	28
1238	Monodispersed grafted conjugated polyelectrolyte-stabilized magnetic nanoparticles as multifunctional platform for cellular imaging and drug delivery. Journal of Materials Chemistry B, 2014, 2, 376-386.	2.9	28
1239	Synthesis of three-dimensional self-standing graphene/Ni(OH)2 composites for high-performance supercapacitors. RSC Advances, 2014, 4, 18080-18085.	1.7	28
1240	Temperature dependence of resistive switching behaviors in resistive random access memory based on graphene oxide film. Nanotechnology, 2014, 25, 185202.	1.3	28
1241	Improving the Performance of Microbial Fuel Cells through Anode Manipulation. ChemPlusChem, 2015, 80, 1216-1225.	1.3	28
1242	Heteroatom-Bridged Benzothiazolyls for Organic Solar Cells: A Theoretical Study. Journal of Physical Chemistry B, 2015, 119, 583-591.	1.2	28

#	Article	IF	Citations
1243	Binding-induced collapse of DNA nano-assembly for naked-eye detection of ATP with plasmonic gold nanoparticles. Biosensors and Bioelectronics, 2015, 65, 171-175.	5.3	28
1244	Supramolecular Polymerâ€“Molecule Complexes as Gain Media for Ultraviolet Lasers. ACS Macro Letters, 2016, 5, 967-971.	2.3	28
1245	Long-Term Homeostatic Properties Complementary to Hebbian Rules in CuPc-Based Multifunctional Memristor. Scientific Reports, 2016, 6, 35273.	1.6	28
1246	Industrially weavable metal/cotton yarn air electrodes for highly flexible and stable wire-shaped Liâ€“O₂ batteries. Journal of Materials Chemistry A, 2017, 5, 3638-3644.	5.2	28
1247	One-step and green synthesis of nitrogen-doped carbon quantum dots for multifunctional electronics. RSC Advances, 2017, 7, 21969-21973.	1.7	28
1248	Interlayer-Expanded Metal Sulfides on Graphene Triggered by a Molecularly Self-Promoting Process for Enhanced Lithium Ion Storage. ACS Applied Materials & Interfaces, 2017, 9, 40317-40323.	4.0	28
1249	Hydrazinium Salt as Additive To Improve Film Morphology and Carrier Lifetime for High-Efficiency Planar-Heterojunction Perovskite Solar Cells via One-Step Method. ACS Applied Materials & Interfaces, 2017, 9, 36810-36816.	4.0	28
1250	Zwitterionic diketopyrrolopyrrole for fluorescence/photoacoustic imaging guided photodynamic/photothermal therapy. Polymer Chemistry, 2018, 9, 2805-2812.	1.9	28
1251	Paper-based all-solid-state flexible asymmetric micro-supercapacitors fabricated by a simple pencil drawing methodology. Chinese Chemical Letters, 2018, 29, 587-591.	4.8	28
1252	Recent progress on low dimensional perovskite solar cells. Journal of Energy Chemistry, 2018, 27, 1091-1100.	7.1	28
1253	Solution-processable zinc oxide nanorods and a reduced graphene oxide hybrid nanostructure for highly flexible and stable memristor. Journal of Materials Chemistry C, 2019, 7, 10764-10768.	2.7	28
1254	Single nanoparticles as versatile phototheranostics for tri-modal imaging-guided photothermal therapy. Biomaterials Science, 2019, 7, 3609-3613.	2.6	28
1255	Facile Synthesis of Ti₃C₂T_xâ€“Poly(vinylpyrrolidone) Nanocomposites for Nonvolatile Memory Devices with Low Switching Voltage. ACS Applied Materials & Interfaces, 2019, 11, 38061-38067.	4.0	28
1256	Hypersensitive and selective biosensing based on microfiber interferometry and molecular imprinted nanoparticles. Biosensors and Bioelectronics, 2019, 141, 111347.	5.3	28
1257	Enhanced Valley Splitting of Transition-Metal Dichalcogenide by Vacancies in Robust Ferromagnetic Insulating Chromium Trihalides. ACS Applied Materials & Interfaces, 2019, 11, 18858-18864.	4.0	28
1258	Efficient Liquid Nitrogen Exfoliation of MoS₂ Ultrathin Nanosheets in the Pure 2H Phase. ACS Sustainable Chemistry and Engineering, 2020, 8, 84-90.	3.2	28
1259	Regulated Crystallization of FASnI₃ Films through Seeded Growth Process for Efficient Tin Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 41454-41463.	4.0	28
1260	Solution-Processed Sensing Textiles with Adjustable Sensitivity and Linear Detection Range Enabled by Twisting Structure. ACS Applied Materials & Interfaces, 2020, 12, 12155-12164.	4.0	28

#	Article	IF	Citations
1261	Organic semiconducting nanomaterialsâ€assisted phototheranostics in nearâ€infraredâ€II biological window. View, 2021, 2, 20200070.	2.7	28
1262	Stable and Efficient Red Perovskite Light-Emitting Diodes Based on Ca ²⁺ -Doped CsPbI ₃ Nanocrystals. Research, 2021, 2021, 9829374.	2.8	28
1263	Synthesis and Characterization of Starburst 9-Phenylcarbazole/Triazatruxene Hybrids. Chemistry Letters, 2008, 37, 986-987.	0.7	27
1264	Stable hole-transporting molecular glasses based on complicated 9,9-diarylfluorenes (CDAFs). Synthetic Metals, 2009, 159, 1055-1060.	2.1	27
1265	High-efficiency, broad-band and wide-angle optical absorption in ultra-thin organic photovoltaic devices. Optics Express, 2014, 22, A376.	1.7	27
1266	Solution processed single-emission layer white polymer light-emitting diodes with high color quality and high performance from a poly(N-vinyl)carbazole host. Physical Chemistry Chemical Physics, 2015, 17, 8860-8869.	1.3	27
1267	Carbon Cationic Relay via Superelectrophiles: Synthesis of Spiro-diazafluorenes. Organic Letters, 2016, 18, 6220-6223.	2.4	27
1268	Interface induce growth of intermediate layer for bandgap engineering insights into photoelectrochemical water splitting. Scientific Reports, 2016, 6, 27241.	1.6	27
1269	First principles investigation on the electronic, magnetic and optical properties of Bi0.8M0.2Fe0.9Co0.1O3 (M = La, Gd, Er, Lu). Computational and Theoretical Chemistry, 2016, 1084, 36-42.	1.1	27
1270	Cu superstructures hydrothermally reduced by leaves and derived Cuâ€“Co₃O₄ hybrids for flexible solid-state electrochemical energy storage devices. Journal of Materials Chemistry A, 2016, 4, 4840-4847.	5.2	27
1271	StabilitÃt von Perowskitâ€Solarzellen: Einfluss der Substitution von Aâ€Kation und Xâ€Anion. Angewandte Chemie, 2017, 129, 1210-1233.	1.6	27
1272	Progress in fluorene-based wide-bandgap steric semiconductors. Chinese Journal of Polymer Science (English Edition), 2017, 35, 155-170.	2.0	27
1273	Sâ€Doped TiSe₂ Nanoplates/Fe₃O₄ Nanoparticles Heterostructure. Small, 2017, 13, 1702181.	5.2	27
1274	Highly efficient tandem organic light-emitting devices adopting a nondoped charge-generation unit and ultrathin emitting layers. Organic Electronics, 2018, 53, 353-360.	1.4	27
1275	Carbene-Catalyzed Construction of Carbazoles from Enals and 2-Methyl-3-oxoacetate Indoles. Journal of Organic Chemistry, 2018, 83, 14210-14217.	1.7	27
1276	Light-induced degradation of fullerenes in organic solar cells: a case study on TQ1:PC₇₁BM. Journal of Materials Chemistry A, 2018, 6, 11884-11889.	5.2	27
1277	Enhancing hydrophilicity of photoacoustic probes for effective ratiometric imaging of hydrogen peroxide. Journal of Materials Chemistry B, 2018, 6, 4531-4538.	2.9	27
1278	Manipulating the Stacking of Triplet Chromophores in the Crystal Form for Ultralong Organic Phosphorescence. Angewandte Chemie, 2019, 131, 14278-14283.	1.6	27

#	Article	IF	Citations
1279	AIPE-active platinum(<scp>ii</scp>) complexes with tunable photophysical properties and their application in constructing thermosensitive probes used for intracellular temperature imaging. Journal of Materials Chemistry C, 2019, 7, 7893-7899.	2.7	27
1280	Synthesis of 42-faceted bismuth vanadate microcrystals for enhanced photocatalytic activity. Journal of Colloid and Interface Science, 2019, 542, 207-212.	5.0	27
1281	Porous trimetallic fluoride Niâ€“Coâ€“M (MÂ= Mn, Fe, Cu, Zn) nanoprisms as electrodes for asymmetric supercapacitors. Materials Today Energy, 2020, 17, 100429.	2.5	27
1282	Sandwichâ€Structured Feâ€Ni₂P/MoS_x/NF Bifunctional Electrocatalyst for Overall Water Splitting. Advanced Materials Interfaces, 2020, 7, 1901926.	1.9	27
1283	Recent Insights into Emerging Coronavirus: SARS-CoV-2. ACS Infectious Diseases, 2021, 7, 1369-1388.	1.8	27
1284	Rational Design of Allâ€Organic Nanoplatform for Highly Efficient MR/NIRâ€II Imagingâ€Guided Cancer Phototheranostics. Small, 2021, 17, e2007566.	5.2	27
1285	Boosting Circularly Polarized Luminescence of Organic Conjugated Systems via Twisted Intramolecular Charge Transfer. Research, 2020, 2020, 3839160.	2.8	27
1286	Synthesis, spectroscopy and electrochemistry study on a novel di-silyl substituted poly(p-phenylenevinylene). Synthetic Metals, 1999, 105, 85-89.	2.1	26
1287	Fully soluble poly(p-phenylenevinylene)s via propagation control of the polymer chain conjugated lengths. Thin Solid Films, 2000, 363, 98-101.	0.8	26
1288	A bipyridine-containing water-soluble conjugated polymer: Highly efficient fluorescence chemosensor for convenient transition metal ion detection in aqueous solution. Polymer, 2006, 47, 5228-5232.	1.8	26
1289	Supramoleculeâ€Regulated Photophysics of Oligo(pâ€phenyleneethynylene)â€Based Rodâ€“Coil Block Copolymers: Effect of Molecular Architecture. Chemistry - A European Journal, 2008, 14, 1205-1215.	1.7	26
1290	Germafluorene conjugated copolymerâ€”synthesis and applications in blue-light-emitting diodes and host materials. Science in China Series B: Chemistry, 2009, 52, 212-218.	0.8	26
1291	Solvent- and pH-Induced Self-Assembly of Cationic Meta-Linked Poly(phenylene ethynylene): Effects of Helix Formation on Amplified Fluorescence Quenching and Foî rster Resonance Energy Transfer. Langmuir, 2010, 26, 19120-19128.	1.6	26
1292	Synthesis, photophysical and electroluminescent properties of a novel bright light-emitting Eu3+ complex based on a fluorene-containing bidentate aryl phosphine oxide. Synthetic Metals, 2010, 160, 2197-2202.	2.1	26
1293	An optical-logic system based on cationic conjugated polymer/DNA/intercalating dyes assembly for label-free detection of conformational conversion of DNA i-motif structure. Polymer Chemistry, 2011, 2, 1341.	1.9	26
1294	Experimental and theoretical studies on localized surface plasmon resonance based fiber optic sensor using graphene oxide coated silver nanoparticles. Journal Physics D: Applied Physics, 2016, 49, 285101.	1.3	26
1295	Selectively Modulating Triplet Exciton Formation in Host Materials for Highly Efficient Blue Electrophosphorescence. ACS Applied Materials & Interfaces, 2016, 8, 7274-7282.	4.0	26
1296	Rectificationâ€Regulated Memristive Characteristics in Electronâ€Type CuPcâ€Based Element for Electrical Synapse. Advanced Electronic Materials, 2017, 3, 1700063.	2.6	26

#	Article	IF	Citations
1297	Sc³⁺-induced morphology, phase structure, and upconversion luminescence evolution of YF₃:Yb/Er nanocrystals. Journal of Materials Chemistry C, 2017, 5, 6450-6456.	2.7	26
1298	SMART Design of a Bulkâ€Capped Supramolecular Segment for the Assembly into Organic Interdigital Lipid Bilayerâ€Like (ILB) Nanosheets. Small, 2018, 14, 1703151.	5.2	26
1299	Three dimensional carbon substrate materials for electrolysis of water. Science China Materials, 2018, 61, 1143-1153.	3.5	26
1300	Ag₂CO₃-Catalyzed H/D Exchange of Five-Membered Heteroarenes at Ambient Temperature. Organic Letters, 2019, 21, 6745-6749.	2.4	26
1301	Assembling laminated films via the synchronous reduction of graphene oxide and formation of copper-based metal organic frameworks. Journal of Materials Chemistry A, 2019, 7, 107-111.	5.2	26
1302	Efficient Quantum Dot Light-Emitting Diodes Based on Trioctylphosphine Oxide-Passivated Organometallic Halide Perovskites. ACS Omega, 2019, 4, 9150-9159.	1.6	26
1303	Metal Mesh as a Transparent Omnidirectional Strain Sensor. Advanced Materials Technologies, 2019, 4, 1800698.	3.0	26
1304	Rational design of NIR fluorescence probes for sensitive detection of viscosity in living cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 214, 339-347.	2.0	26
1305	Packed anode derived from cocklebur fruit for improving long-term performance of microbial fuel cells. Science China Materials, 2019, 62, 645-652.	3.5	26
1306	Capacitance methodology for investigating defect states in energy gap of organic semiconductor. Organic Electronics, 2019, 65, 275-299.	1.4	26
1307	Stability improvement in flexible low-voltage organic field-effect transistors with complementary polymeric dielectrics. Organic Electronics, 2019, 65, 259-265.	1.4	26
1308	Diketopyrrolopyrrole-Au(I) as singlet oxygen generator for enhanced tumor photodynamic and photothermal therapy. Science China Chemistry, 2020, 63, 55-64.	4.2	26
1309	Jahnâ€“Teller distortions boost the ultrahigh areal capacity and cycling robustness of holey NiMn-hydroxide nanosheets for flexible energy storage devices. Nanoscale, 2020, 12, 22075-22081.	2.8	26
1310	Oriented Perovskite Crystal towards Efficient Charge Transport in FASnI₃ Perovskite Solar Cells. Solar Rrl, 2020, 4, 2000153.	3.1	26
1311	Soluble triarylamine functionalized symmetric viologen for all-solid-state electrochromic supercapacitors. Science China Chemistry, 2020, 63, 1632-1644.	4.2	26
1312	Recent Advances in Chemical Biology of Mitochondria Targeting. Frontiers in Chemistry, 2021, 9, 683220.	1.8	26
1313	Remarkable Suppression of Vibrational Relaxation in Organic Semiconducting Polymers by Introducing a Weak Electron Donor for Improved NIRâ€II Phototheranostics. Advanced Functional Materials, 2021, 31, 2106575.	7.8	26
1314	Two-dimensional conjugated microporous polymer films: fabrication strategies and potential applications. Polymer Chemistry, 2021, 12, 807-821.	1.9	26

#	Article	IF	Citations
1315	Combating the Coronavirus Pandemic: Early Detection, Medical Treatment, and a Concerted Effort by the Global Community. Research, 2020, 2020, 6925296.	2.8	26
1316	An ammonium-pseudohalide ion pair for synergistic passivating surfaces in FAPbI3 perovskite solar cells. Matter, 2022, 5, 2209-2224.	5.0	26
1317	Synthesis of grafted poly(pâ€phenyleneethynylene) with energy donorâ€“acceptor architecture via atom transfer radical polymerization: Towards nonaggregating and holeâ€facilitating lightâ€emitting material. Journal of Polymer Science Part A, 2007, 45, 3776-3787.	2.5	25
1318	Thermodynamic Controlled Hierarchical Assembly of Ternary Supramolecular Networks at the Liquidâ€“Solid Interface. Chemistry - A European Journal, 2009, 15, 5418-5423.	1.7	25
1319	Preparation of Graphene/Polypyrrole Composite Film via Electrodeposition for Supercapacitors. IEEE Nanotechnology Magazine, 2012, 11, 1080-1086.	1.1	25
1320	CuPc/C60 bulk heterojunction photovoltaic cells with evidence of phase segregation. Organic Electronics, 2013, 14, 250-254.	1.4	25
1321	Heteronuclear phosphorescent iridium(iii) complexes with tunable photophysical and excited-state properties by chelating BF2 moiety for application in bioimaging. RSC Advances, 2013, 3, 8766.	1.7	25
1322	Modulating the Optoelectronic Properties of Large, Conjugated, Highâ€Energy Gap, Quaternary Phosphine Oxide Hosts: Impact of the Tripletâ€Excitedâ€State Location. Chemistry - A European Journal, 2013, 19, 9549-9561.	1.7	25
1323	Rational Design of Nanoparticles with Efficient Lanthanide Luminescence Sensitized by Iridium(III) Complex for Timeâ€Gated Luminescence Bioimaging. Advanced Optical Materials, 2015, 3, 233-240.	3.6	25
1324	Saturated and stabilized white electroluminescence with simultaneous three-color emission from a six-armed star-shaped single-polymer system. Polymer Chemistry, 2015, 6, 8019-8028.	1.9	25
1325	Effects of DamkhÃ¶ler number of evaporation on the morphology of active layer and the performance of organic heterojunction solar cells fabricated by electrospray method. Solar Energy Materials and Solar Cells, 2015, 134, 140-147.	3.0	25
1326	Multi-substituted triazatruxene-functionalized pyrene derivatives as efficient organic laser gain media. RSC Advances, 2016, 6, 6266-6275.	1.7	25
1327	Câ^'H Direct Arylated 6Hâ€Indolo[2,3â€b]quinoxaline Derivative as a Thicknessâ€Dependent Holeâ€Injection Layer. Chemistry - an Asian Journal, 2017, 12, 920-926.	1.7	25
1328	2,1,3-Benzothiadiazole-5,6-dicarboxylicimide-Based Polymer Semiconductors for Organic Thin-Film Transistors and Polymer Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 42167-42178.	4.0	25
1329	Conformational Effect of Polymorphic Terfluorene on Photophysics, Crystal Morphologies, and Lasing Behaviors. Journal of Physical Chemistry C, 2017, 121, 14803-14810.	1.5	25
1330	Alkyl effects on the optoelectronic properties of bicarbazole/cyanobenzene hybrid host materials: Double delayed fluorescent host/dopant systems in solution-processed OLEDs. Dyes and Pigments, 2017, 136, 543-552.	2.0	25
1331	Pyrene-centered cyanophenyl end-capped starbursts: design, synthesis, stabilized blue electroluminescence and lasing properties. Materials Chemistry Frontiers, 2017, 1, 668-676.	3.2	25
1332	Flexible Fiber and Fabric Batteries. Advanced Materials Technologies, 2018, 3, 1700302.	3.0	25

#	Article	IF	Citations
1333	Recent Advances in van der Waals Heterojunctions Based on Semiconducting Transition Metal Dichalcogenides. Advanced Electronic Materials, 2018, 4, 1800270.	2.6	25
1334	A europium(III) metal-organic framework as ratiometric turn-on luminescent sensor for Al3+ ions. Science China Materials, 2018, 61, 752-757.	3.5	25
1335	Surface Anionization of Self-Assembled Iron Sulfide Hierarchitectures to Enhance Capacitive Storage for Alkaline-Metal-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 39991-39997.	4.0	25
1336	Over 12% efficient low-bandgap CuIn(S, Se)2 solar cells with the absorber processed from aqueous metal complexes solution in air. Nano Energy, 2019, 62, 818-822.	8.2	25
1337	Stable and self-healable LbL coating with antibiofilm efficacy based on alkylated polyethyleneimine micelles. Journal of Materials Chemistry B, 2019, 7, 3865-3875.	2.9	25
1338	Lysosome-specific sensing and imaging of pH variationsin vitroandin vivoutilizing a near-infrared boron complex. Journal of Materials Chemistry B, 2019, 7, 3569-3575.	2.9	25
1339	A cathode for Li-ion batteries made of vanadium oxide on vertically aligned carbon nanotube arrays/graphene foam. Chemical Engineering Journal, 2019, 359, 1668-1676.	6.6	25
1340	Carbon Nanoarrays Embedded with Metal Compounds for Highâ€Performance Flexible Supercapacitors. Batteries and Supercaps, 2020, 3, 93-100.	2.4	25
1341	X-ray excited ultralong room-temperature phosphorescence for organic afterglow scintillators. Chemical Communications, 2020, 56, 13559-13562.	2.2	25
1342	Stimuliâ€responsive photofunctional materials for green and security printing. InformaÄnÃ-MateriÃ¡ly, 2021, 3, 82-100.	8.5	25
1343	Asymmetric Carbeneâ€Catalyzed Oxidation of Functionalized Aldimines as 1,4â€Dipoles. Angewandte Chemie, 2021, 133, 7992-7998.	1.6	25
1344	Embedding Silver Nanowires into a Hydroxypropyl Methyl Cellulose Film for Flexible Electrochromic Devices with High Electromechanical Stability. ACS Applied Materials & Interfaces, 2021, 13, 1735-1742.	4.0	25
1345	An Electroluminodynamic Flexible Device for Highly Efficient Eradication of Drugâ€Resistant Bacteria. Advanced Materials, 2022, 34, e2200334.	11.1	25
1346	Spectroscopic and Electrochemical Study of a Novel Blue Electroluminescent p-n Diblock Conjugated Copolymer. Journal of Physical Chemistry B, 1999, 103, 6429-6433.	1.2	24
1347	Color Tuning Based on a Six-membered Chelated Iridium(III) Complex with Aza-aromatic Ligand. Chemistry Letters, 2005, 34, 1668-1669.	0.7	24
1348	Synthesis and characterization of a main-chain-type conjugated copolymer containing rare earth with photocrosslinkable group. Journal of Polymer Science Part A, 2007, 45, 388-394.	2.5	24
1349	Organic light-emitting devices (OLED) based on new triphenylamine derivatives. Synthetic Metals, 2009, 159, 194-200.	2.1	24
1350	Theoretical Study of Charge-Transfer Properties of the Ï€-Stacked Poly(1,1-silafluorene)s. Journal of Physical Chemistry C, 2011, 115, 14778-14785.	1.5	24

#	Article	IF	Citations
1351	Spectroscopic study of intramolecular energy transfer in a phosphine oxide Eu3+ complex: A stepwise process induced by intermediate energy levels. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 217, 213-218.	2.0	24
1352	A controllable approach to development of multi-spectral conjugated polymer nanoparticles with increased emission for cell imaging. Chemical Communications, 2013, 49, 10623.	2.2	24
1353	Effect of N2-gas flow rates on the structures and properties of copper nitride films prepared by reactive DC magnetron sputtering. Vacuum, 2013, 89, 78-81.	1.6	24
1354	Conjugated Polymer Nanoparticles for Labelâ€Free and Bioconjugateâ€Recognized DNA Sensing in Serum. Advanced Science, 2015, 2, 1400009.	5.6	24
1355	Preparation of Highly Dispersed Reduced Graphene Oxide Decorated with Chitosan Oligosaccharide as Electrode Material for Enhancing the Direct Electron Transfer of Escherichia coli. ACS Applied Materials & Interfaces, 2015, 7, 8539-8544.	4.0	24
1356	Towards Monodisperse Starâ€Shaped Ladderâ€Type Conjugated Systems: Design, Synthesis, Stabilized Blue Electroluminescence, and Amplified Spontaneous Emission. Chemistry - A European Journal, 2017, 23, 5448-5458.	1.7	24
1357	Floating-gate nanofibrous electret arrays for high performance nonvolatile organic transistor memory devices. Organic Electronics, 2017, 49, 218-225.	1.4	24
1358	An efficient and thickness insensitive cathode interface material for high performance inverted perovskite solar cells with 17.27% efficiency. Journal of Materials Chemistry C, 2017, 5, 5949-5955.	2.7	24
1359	An Au@Ag nanocube based plasmonic nano-sensor for rapid detection of sulfide ions with high sensitivity. RSC Advances, 2018, 8, 5792-5796.	1.7	24
1360	Systematic investigation of self-organization behavior in supramolecular Ï€-conjugated polymer for multi-color electroluminescence. Journal of Materials Chemistry C, 2018, 6, 1535-1542.	2.7	24
1361	Direct photopolymerization and lithography of multilayer conjugated polymer nanofilms for high performance memristors. Journal of Materials Chemistry C, 2018, 6, 11162-11169.	2.7	24
1362	A flexible SERS-active film for studying the effect of non-metallic nanostructures on Raman enhancement. Nanoscale, 2018, 10, 16895-16901.	2.8	24
1363	Controllable Multiemission with Ultralong Organic Phosphorescence in Crystal by Isomerization. Advanced Optical Materials, 2019, 7, 1901076.	3.6	24
1364	Mitochondria-localized iridium(III) complexes with anthraquinone groups as effective photosensitizers for photodynamic therapy under hypoxia. Science China Chemistry, 2019, 62, 1639-1648.	4.2	24
1365	Prompt Electrodeposition of Ni Nanodots on Ni Foam to Construct a High-Performance Water-Splitting Electrode: Efficient, Scalable, and Recyclable. Nano-Micro Letters, 2019, 11, 41.	14.4	24
1366	Reversible two-channel mechanochromic luminescence for a pyridinium-based white-light emitter with room-temperature fluorescenceâ€“phosphorescence dual emission. Physical Chemistry Chemical Physics, 2019, 21, 14728-14733.	1.3	24
1367	Tuning Longâ€Lived Mn(II) Upconversion Luminescence through Alkalineâ€Earth Metal Doping and Energyâ€Level Tailoring. Advanced Optical Materials, 2019, 7, 1900519.	3.6	24
1368	Intelligent polymerâ€“MnO₂ nanoparticles for dual-activatable photoacoustic and magnetic resonance bimodal imaging in living mice. Chemical Communications, 2019, 55, 6006-6009.	2.2	24

#	Article	IF	Citations
1369	Structureâ€“function correlations in mononuclear manganese(<scp>iii</scp>) spin crossover systems with a big conjugated hexadentate Schiff-base ligand. Dalton Transactions, 2020, 49, 4293-4305.	1.6	24
1370	Efficient and Stable Perovskite Solar Cells by Fluorinated Ionic Liquidâ€“Induced Component Interaction. Solar Rrl, 2021, 5, .	3.1	24
1371	Atomic-thin hexagonal CuCo nanocrystals with d-band tuning for CO₂ reduction. Journal of Materials Chemistry A, 2021, 9, 7496-7502.	5.2	24
1372	Anthracene-Based Lanthanide Coordination Polymer: Structure, Luminescence, and Detections of UO₂²⁺, PO₄^{3â€“}, and 2-Thiazolidinethione-4-carboxylic Acid in Water. Inorganic Chemistry, 2020, 59, 18027-18034.	1.9	24
1373	Structure-Enhanced Mechanically Robust Graphite Foam with Ultrahigh MnO ₂ Loading for Supercapacitors. Research, 2020, 2020, 7304767.	2.8	24
1374	Progress of Research on Organic/Organometallic Mechanoluminescent Materials. Acta Chimica Sinica, 2018, 76, 246.	0.5	24
1375	Motion Detecting, Temperature Alarming, and Wireless Wearable Bioelectronics Based on Intrinsically Antibacterial Conductive Hydrogels. ACS Applied Materials & Interfaces, 2022, 14, 14596-14606.	4.0	24
1376	A fluorene-containing water-soluble poly(p-phenyleneethynylene) derivative: Highly fluorescent and sensitive conjugated polymer with minor aggregation in aqueous solution. Polymer, 2006, 47, 5233-5238.	1.8	23
1377	Triazatruxene-containing hyperbranched polymers: Microwave-assisted synthesis and optoelectronic properties. Science China Chemistry, 2010, 53, 2472-2480.	4.2	23
1378	Molecule Length Directed Self-Assembly Behavior of Tetratopic Oligomeric Phenyleneâ€”Ethynylenes End-Capped with Carboxylic Groups by Scanning Tunneling Microscopy. Journal of Physical Chemistry C, 2010, 114, 9931-9937.	1.5	23
1379	Facile synthesis of shape and size tunable porphyrinoid coordination polymers: from copper porphyrin nanoplates to microspindles. Chemical Communications, 2011, 47, 5055.	2.2	23
1380	Phosphorescent chemosensor for Hg2+ and acetonitrile based on iridium(iii) complex. Analyst, The, 2012, 137, 5398.	1.7	23
1381	Electrospray Dense Suspensions of TiO₂Nanoparticles for Dye Sensitized Solar Cells. Aerosol Science and Technology, 2013, 47, 1302-1309.	1.5	23
1382	Synthesis and characterization of diazafluorene-based oligofluorenes and polyfluorene. Polymer Chemistry, 2013, 4, 1796.	1.9	23
1383	Low temperature growth of graphene on Cuâ€“Ni alloy nanofibers for stable, flexible electrodes. Nanoscale, 2014, 6, 5110.	2.8	23
1384	Larger Ï€-extended anti-/syn-aroylenediimidazole polyaromatic compounds: synthesis, physical properties, self-assembly, and quasi-linear conjugation effect. RSC Advances, 2014, 4, 17822-17831.	1.7	23
1385	Phosphorescence switch and logic gate of iridium(<scp>iii</scp>) complexes containing a triarylboron moiety triggered by fluoride and an electric field. Journal of Materials Chemistry C, 2015, 3, 1883-1887.	2.7	23
1386	General Metal-Ion Mediated Method for Functionalization of Graphene Fiber. ACS Applied Materials & Interfaces, 2017, 9, 37022-37030.	4.0	23

#	Article	IF	Citations
1387	Stimuli-responsive circularly polarized luminescence from an achiral perylenyl dyad. Organic and Biomolecular Chemistry, 2017, 15, 8463-8470.	1.5	23
1388	Graphene Oxide by UV-Ozone Treatment as an Efficient Hole Extraction Layer for Highly Efficient and Stable Polymer Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 26252-26256.	4.0	23
1389	A Yellow-Emitting Homoleptic Iridium(III) Complex Constructed from a Multifunctional Spiro Ligand for Highly Efficient Phosphorescent Organic Light-Emitting Diodes. Inorganic Chemistry, 2017, 56, 8397-8407.	1.9	23
1390	N-Annulated perylene diimide derivatives as non-fullerene acceptors for solution-processed solar cells with an open-circuit voltage of up to 1.14 V. New Journal of Chemistry, 2018, 42, 15079-15087.	1.4	23
1391	Transient Light Emitting Devices Based on Soluble Polymer Composites. Scientific Reports, 2018, 8, 6408.	1.6	23
1392	Direct construction of carbazoles from 2-methyl-indole-3-carbaldehydes and enals. Green Chemistry, 2019, 21, 968-972.	4.6	23
1393	Amphiphilic semiconducting oligomer for single NIR laser induced photothermal/photodynamic combination therapy. Dyes and Pigments, 2019, 170, 107664.	2.0	23
1394	A novel pyrimidine based deep-red fluorogenic probe for detecting hydrogen peroxide in Parkinson's disease models. Talanta, 2019, 199, 628-633.	2.9	23
1395	A paper-based chemiluminescence immunoassay device for rapid and high-throughput detection of allergen-specific IgE. Analyst, The, 2019, 144, 2584-2593.	1.7	23
1396	Highly efficient inverted organic light-emitting devices adopting solution-processed double electron-injection layers. Organic Electronics, 2019, 66, 1-6.	1.4	23
1397	Conjugated Random Terpolymer Donors towards <scp>Highâ€Efficiency</scp> Polymer Solar Cells. Chinese Journal of Chemistry, 2020, 38, 601-624.	2.6	23
1398	Highly Stable and Efficient Mesoporous and Hollow Silica Antireflection Coatings for Perovskite Solar Cells. ACS Applied Energy Materials, 2020, 3, 4484-4491.	2.5	23
1399	A purely organic D-Ï€-A-Ï€-D emitter with thermally activated delayed fluorescence and room temperature phosphorescence for near-white OLED. Chinese Chemical Letters, 2021, 32, 1367-1371.	4.8	23
1400	An Artificial Olfactory Memory System for Monitoring and Recording of Volatile Organic Compounds. Advanced Materials Technologies, 2021, 6, 2100366.	3.0	23
1401	Synthesis of 1,4-bis(1,3,4-oxadiazol-2-yl)-2,5-dialkoxybenzeneâ€“oligothiophene copolymers with different emissive colors: synthetically tuning the photoluminescence of conjugated polymers. Chemical Communications, 1998, , 1957-1958.	2.2	22
1402	Conjugated copolymers of 2-methoxy-5-2â€²-ethyl-hexyloxy-1,4-phenylenevinylene and 2,5-dicyano-1,4-phenylenevinylene as materials for polymer light-emitting diodes. Synthetic Metals, 1999, 106, 165-170.	2.1	22
1403	Synthesis and characterization of a novel blue electroluminescent polymer constituted of alternating carbazole and aromatic oxadiazole units. Physical Chemistry Chemical Physics, 1999, 1, 3123-3127.	1.3	22
1404	ATRP Synthesis of Oligofluorene-Based Liquid Crystalline Conjugated Block Copolymers. Macromolecules, 2006, 39, 1364-1375.	2.2	22

#	Article	IF	Citations
1405	A colorimetric strategy based on a water-soluble conjugated polymer for sensing pH-driven conformational conversion of DNA i-motif structure. Biosensors and Bioelectronics, 2010, 25, 1838-1842.	5.3	22
1406	In Situ Modification of Three-Dimensional Polyphenylene Dendrimer-Templated CuO Rice-Shaped Architectures with Electron Beam Irradiation. Journal of Physical Chemistry C, 2010, 114, 13465-13470.	1.5	22
1407	The Influence of the Linkage Pattern on the Optoelectronic Properties of Polysilafluorenes: A Theoretical Study. Journal of Physical Chemistry B, 2011, 115, 242-248.	1.2	22
1408	Highly Sensitive Fluorometric Hg²⁺ Biosensor with a Mercury(II)â€Specifi?c Oligonucleotide (MSO) Probe and Waterâ€Soluble Graphene Oxide (WSGO). Chinese Journal of Chemistry, 2011, 29, 1031-1035.	2.6	22
1409	Theoretical study of organic molecules containing N or S atoms as receptors for Hg(II) fluorescent sensors. Synthetic Metals, 2012, 162, 641-649.	2.1	22
1410	Organic thin-film solar cells: Devices and materials. Science China Chemistry, 2012, 55, 553-578.	4.2	22
1411	Tetragonally compressed high-spin Mn(III) Schiff base complex: Synthesis, crystal structure, magnetic properties and theoretical calculations. Polyhedron, 2013, 52, 1199-1205.	1.0	22
1412	Prussian blue hollow nanostructures: Sacrificial template synthesis and application in hydrogen peroxide sensing. Journal of Electroanalytical Chemistry, 2014, 712, 132-138.	1.9	22
1413	Proton-transfer supramolecular salts of d-/l-tartaric acid and 1-(2-Pyrimidyl)piperazine. Journal of Molecular Structure, 2014, 1062, 61-67.	1.8	22
1414	Solvent and Steric Hindrance Effects of Bulky Poly(9,9-diarylfluorene)s on Conformation, Gelation, Morphology, and Electroluminescence. Macromolecular Chemistry and Physics, 2015, 216, 1043-1054.	1.1	22
1415	Reversible Optical and Electrical Switching of Airâ€Stable OFETs for Nonvolatile Multiâ€Level Memories and Logic Gates. Advanced Electronic Materials, 2015, 1, 1500230.	2.6	22
1416	Revealing the interactions between pentagonâ€“octagonâ€“pentagon defect graphene and organic donor/acceptor molecules: a theoretical study. Physical Chemistry Chemical Physics, 2015, 17, 4919-4925.	1.3	22
1417	Nondoped deep-blue spirofluorenexanthene-based green organic semiconductors (GOS) via a pot, atom and step economic (PASE) route combining direct arylation with tandem reaction. Journal of Materials Chemistry C, 2015, 3, 94-99.	2.7	22
1418	A photo-stable and electrochemically stable poly(dumbbell-shaped molecules) for blue electrophosphorescent host materials. Polymer Chemistry, 2015, 6, 983-988.	1.9	22
1419	High Stable, Transparent and Conductive ZnO/Ag/ZnO Nanofilm Electrodes on Rigid/Flexible Substrates. Energies, 2016, 9, 443.	1.6	22
1420	Copper(<scp>i</scp>) halide clusters based upon ferrocenylchalcogenoether ligands: donors, halides and semi-rigidity effects on the geometry and catalytic activity. Dalton Transactions, 2016, 45, 1016-1024.	1.6	22
1421	Ladder-type oligo(p-phenylene)s with Dâ€“Ï€â€“A architectures: design, synthesis, optical gain properties, and stabilized amplified spontaneous emission. Journal of Materials Chemistry C, 2017, 5, 5797-5809.	2.7	22
1422	Controlled Synthesis, Evolution Mechanisms, and Luminescent Properties of ScF_x:Ln (x = 2.76, 3) Nanocrystals. Chemistry of Materials, 2017, 29, 9758-9766.	3.2	22

#	Article	IF	Citations
1423	A universal solution-processable bipolar host based on triphenylamine and pyridine for efficient phosphorescent and thermally activated delayed fluorescence OLEDs. Journal of Luminescence, 2018, 199, 465-474.	1.5	22
1424	Improved Efficiency of Inverted Perovskite Solar Cells Via Surface Plasmon Resonance Effect of Au@PSS Coreâ€Shell Tetrahedra Nanoparticles. Solar Rrl, 2018, 2, 1800061.	3.1	22
1425	Starâ€Shaped Boronâ€Containing Asymmetric Host Materials for Solutionâ€Processable Phosphorescent Organic Lightâ€Emitting Diodes. Advanced Science, 2018, 5, 1800292.	5.6	22
1426	Ultrasensitive detection of trypsin activity and inhibitor screening based on the electron transfer between phosphorescence copper nanocluster and cytochrome c. Talanta, 2018, 189, 92-99.	2.9	22
1427	Fluorination Triggered New Small Molecule Donor Materials for Efficient Asâ€Cast Organic Solar Cells. Small, 2018, 14, e1801542.	5.2	22
1428	Inhibiting polysulfide shuttling using dual-functional nanowire/nanotube modified layers for highly stable lithiumâ€“sulfur batteries. New Journal of Chemistry, 2019, 43, 14708-14713.	1.4	22
1429	A glutathione responsive pyrrolopyrrolidone nanotheranostic agent for turn-on fluorescence imaging guided photothermal/photodynamic cancer therapy. Materials Chemistry Frontiers, 2019, 3, 2143-2150.	3.2	22
1430	Diindolotriazatruxene-Based Hole-Transporting Materials for High-Efficiency Planar Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 45717-45725.	4.0	22
1431	Precisely controlling fluorescence enhancement and high-contrast colorimetric assay in OFF-ON fluoride sensing based on a diketopyrrolopyrrole boronate ester. Dyes and Pigments, 2019, 170, 107638.	2.0	22
1432	Robust and Transient Writeâ€Onceâ€Readâ€Manyâ€Times Memory Device Based on Hybrid Perovskite Film with Novel Room Temperature Molten Salt Solvent. Advanced Electronic Materials, 2020, 6, 2000109.	2.6	22
1433	Artificial Receptorâ€Based Optical Sensors (AROS): Ultraâ€Sensitive Detection of Urea. Advanced Photonics Research, 2021, 2, 2100044.	1.7	22
1434	Paper-based flexible strain and pressure sensor with enhanced mechanical strength and super-hydrophobicity that can work under water. Journal of Materials Chemistry C, 2022, 10, 3908-3918.	2.7	22
1435	A theoretical study on the isomerization of cyclopropane to propene with ab initio and DFT methods. Chemical Physics Letters, 1997, 277, 257-263.	1.2	21
1436	Novel blue light-emitting hyperbranched polyfluorenes incorporating carbazole kinked structure. European Polymer Journal, 2008, 44, 3169-3176.	2.6	21
1437	Tuning backbones and side-chains of cationic conjugated polymers for optical signal amplification of fluorescent DNA detection. Biosensors and Bioelectronics, 2009, 24, 2973-2978.	5.3	21
1438	Synthesis, structure, photophysical and electrochemical properties of series of new fac-triscyclometallated iridium complexes with carbazole or oxadiazole moieties. Inorganica Chimica Acta, 2012, 391, 50-57.	1.2	21
1439	Stable pure-blue polymer light-emitting devices based on Î²-phase poly(9,9-dioctylfluorene) induced by 1,2-dichloroethane. Applied Physics Express, 2014, 7, 101601.	1.1	21
1440	Universal Strategy for Cheap and Colorâ€Stable Singleâ€EML WOLEDs Utilizing Two Complementaryâ€Color Nondoped Emitters without Energy Transfer. Advanced Optical Materials, 2014, 2, 938-944.	3.6	21

#	Article	IF	Citations
1441	Effects of Big Planar Anions on the Spin Transition of a Mononuclear Manganese(III) Complex with a Hexadentate Schiffâ€Base Ligand. European Journal of Inorganic Chemistry, 2015, 2015, 2237-2244.	1.0	21
1442	Parallel Near-Field Photolithography with Metal-Coated Elastomeric Masks. Langmuir, 2015, 31, 1210-1217.	1.6	21
1443	A reversible and highly selective phosphorescent sensor for Hg2+ based on iridium (III) complex. Tetrahedron, 2015, 71, 9366-9370.	1.0	21
1444	A Thienylâ€Substituted Diketopyrrolopyrrole Derivative with Efficient Reactive Oxygen Species Generation for Photodynamic Therapy. ChemPlusChem, 2016, 81, 515-520.	1.3	21
1445	Novel self-assembled natural graphite based composite anodes with improved kinetic properties in lithium-ion batteries. Journal of Materials Chemistry A, 2016, 4, 9865-9872.	5.2	21
1446	Isomeric Nâ€Linked Benzoimidazole Containing New Electron Acceptors for Exciplex Forming Hosts in Highly Efficient Blue Phosphorescent OLEDs. Advanced Optical Materials, 2017, 5, 1700036.	3.6	21
1447	Excimer-based white electroluminescence from supramolecular bulk effects of dumbbell-shaped molecules via attractor-repulsor molecular design. Organic Electronics, 2017, 43, 87-95.	1.4	21
1448	Fluorescence imaging mitochondrial copper(II) via photocontrollable fluorogenic probe in live cells. Chinese Chemical Letters, 2017, 28, 1965-1968.	4.8	21
1449	Co-crystallization of 1,3,5-trifluoro-2,4,6-triiodobenzene (1,3,5-TFTIB) with a variety of Lewis bases through halogen-bonding interactions. CrystEngComm, 2017, 19, 5504-5521.	1.3	21
1450	Cyclometalated Pt complex-based random terpolymers for efficient polymer solar cells. Polymer Chemistry, 2017, 8, 4729-4737.	1.9	21
1451	Fast response two-photon fluorogenic probe based on Schiff base derivatives for monitoring nitric oxide levels in living cells and zebrafish. Chemical Communications, 2018, 54, 13491-13494.	2.2	21
1452	Engineering Luminescence Lifetimes of Cu(I) Complexes for Optical Multiplexing. Advanced Optical Materials, 2018, 6, 1801065.	3.6	21
1453	Porous Moâ€“Coâ€“S Nanosheets on Carbon Cloth for Allâ€Solidâ€State Flexible Asymmetric Supercapacitors. Advanced Materials Interfaces, 2019, 6, 1901138.	1.9	21
1454	1,3,4-Oxadiazole-based Deep Blue Thermally Activated Delayed Fluorescence Emitters for Organic Light Emitting Diodes. Journal of Physical Chemistry C, 2019, 123, 24772-24785.	1.5	21
1455	Low temperature processed PEDOT:PSS/VOx bilayer for hysteresis-free and stable perovskite solar cells. Materials Letters, 2019, 236, 16-18.	1.3	21
1456	Rational Design of Phosphorescent Iridium(III) Complexes for Selective Glutathione Sensing and Amplified Photodynamic Therapy. ChemBioChem, 2019, 20, 576-586.	1.3	21
1457	Electrostatically assembled carbon dots/boron nitride nanosheet hybrid nanostructures for thermal quenching-resistant white phosphors. Nanoscale, 2020, 12, 524-529.	2.8	21
1458	Recent Progress of Twoâ€Dimensional Metalâ€Organic Frameworks and Their Derivatives for Oxygen Evolution Electrocatalysis. ChemElectroChem, 2020, 7, 4695-4712.	1.7	21

#	Article	IF	Citations
1459	Nucleation Control-Triggering Cocrystal Polymorphism of Charge-Transfer Complexes Differing in Physical and Electronic Properties. ACS Applied Materials & Interfaces, 2020, 12, 19718-19726.	4.0	21
1460	Stereoselective gridization and polygridization with centrosymmetric molecular packing. Nature Communications, 2020, 11, 1756.	5.8	21
1461	Three-phase electric power driven electroluminescent devices. Nature Communications, 2021, 12, 54.	5.8	21
1462	Multimode Visualization of Electronic Skin from Bioinspired Colorimetric Sensor. ACS Applied Materials & Interfaces, 2021, 13, 30205-30212.	4.0	21
1463	Stimuliâ€Responsive Deepâ€Blue Organic Ultralong Phosphorescence with Lifetime over 5 s for Reversible Waterâ€Jet Antiâ€Counterfeiting Printing. Angewandte Chemie, 2021, 133, 17231-17238.	1.6	21
1464	Diarylfluoreneâ€Based Organic Semiconductor Materials toward Optoelectronic Applications. Advanced Functional Materials, 2021, 31, 2105092.	7.8	21
1465	Adaptable Invisibility Management Using Kirigami-Inspired Transformable Metamaterials. Research, 2021, 2021, 9806789.	2.8	21
1466	Lead Sources in Perovskite Solar Cells: Toward Controllable, Sustainable, and Largeâ€Scalable Production. Solar Rrl, 2021, 5, 2100665.	3.1	21
1467	Resonanceâ€Mediated Dynamic Modulation of Perovskite Crystallization for Efficient and Stable Solar Cells. Advanced Materials, 2022, 34, e2107111.	11.1	21
1468	Recent Advances in Flexible Znâ€“Air Batteries: Materials for Electrodes and Electrolytes. Small Methods, 2022, 6, e2101116.	4.6	21
1469	Cobalt single-atom-decorated nickel thiophosphate nanosheets for overall water splitting. Journal of Materials Chemistry A, 2021, 10, 296-303.	5.2	21
1470	Image storage based on biphotonic holography in azo/polymer system. Applied Physics Letters, 1998, 72, 418-420.	1.5	20
1471	A novel rigid-rod alternating poly(p-phenylenevinylene) derivative with oligo(ethylene oxide) side chains. Polymer, 2001, 42, 3929-3938.	1.8	20
1472	Conformational analysis (ab initio HF/3-21G*) and optical properties of poly(thiophene-phenylene-thiophene) (PTPT). Chemical Physics Letters, 2002, 363, 18-24.	1.2	20
1473	Temperature-dependent photoluminescence of organic light-emitting materials: Types and characteristics of excitons involved in the emitting process. Chemical Physics Letters, 2006, 420, 347-353.	1.2	20
1474	Solvothermal synthesis and magnetic properties of pyrite Co1â^'xFexS2 with various morphologies. Materials Letters, 2006, 60, 1805-1808.	1.3	20
1475	Monodisperse star-shaped compound and its blend in uncapped polyfluorene matrices as the active materials for high-performance pure blue light-emitting devices. Applied Physics Letters, 2007, 90, 141909.	1.5	20
1476	Spectrum-stable hyperbranched polyfluorene with photocrosslinkable group. Polymer, 2007, 48, 4412-4418.	1.8	20

#	Article	IF	Citations
1477	Synthesis and characterization of poly(fluorene vinylene) copolymers containing thienyleneâ€“vinylene units. Journal of Applied Polymer Science, 2008, 108, 2438-2445.	1.3	20
1478	Novel photoluminescent polymers containing fluorene and 2,4,6-triphenyl pyridine moieties: Effects of noncoplanar molecular architecture on the electro-optical properties of parent matrix. Polymer, 2008, 49, 4369-4377.	1.8	20
1479	Controllable synthesis and magnetic property of BiMn2O5 crystals. Materials Research Bulletin, 2008, 43, 1702-1708.	2.7	20
1480	A large perturbation on geometry structures, excited state properties, charge-injection and -transporting abilities of Ir(iii) complexes by different substituents on ligands: a DFT/TDDFT study. Physical Chemistry Chemical Physics, 2011, 13, 18497.	1.3	20
1481	Selectively Investigating Molecular Configuration Effect on Blue Electrophosphorescent Host Performance through a Series of Hydrocarbon Oligomers. Journal of Physical Chemistry C, 2014, 118, 20559-20570.	1.5	20
1482	Purely organic optoelectronic materials with ultralong-lived excited states under ambient conditions. Science Bulletin, 2015, 60, 1631-1637.	4.3	20
1483	Engineering the Li Storage Properties of Graphene Anodes: Defect Evolution and Pore Structure Regulation. ACS Applied Materials & Interfaces, 2016, 8, 33712-33722.	4.0	20
1484	Heavy metal complex containing organic/polymer materials for bulk-heterojunction photovoltaic devices. Chinese Chemical Letters, 2016, 27, 1250-1258.	4.8	20
1485	Two Silver Coordination Network Compounds with Colorful Photoluminescence. Inorganic Chemistry, 2016, 55, 7954-7961.	1.9	20
1486	Optical thickness identification of transition metal dichalcogenide nanosheets on transparent substrates. Nanotechnology, 2017, 28, 164001.	1.3	20
1487	Selective synthesis of LaF₃ and NaLaF₄ nanocrystals via lanthanide ion doping. Journal of Materials Chemistry C, 2017, 5, 9188-9193.	2.7	20
1488	Selenide-containing organic resonance molecules as turn-on fluorescent probes for the selective detection of hypochlorous acid. Chemical Communications, 2018, 54, 2926-2929.	2.2	20
1489	Probing magnetic-proximity-effect enlarged valley splitting in monolayer WSe2 by photoluminescence. Nano Research, 2018, 11, 6252-6259.	5.8	20
1490	Understanding the mechanism of PEDOT: PSS modification via solvent on the morphology of perovskite films for efficient solar cells. Synthetic Metals, 2018, 243, 17-24.	2.1	20
1491	Unconventional solution-phase epitaxial growth of organic-inorganic hybrid perovskite nanocrystals on metal sulfide nanosheets. Science China Materials, 2019, 62, 43-53.	3.5	20
1492	Access to Enantioenriched Spiroâ€•ïµ â€Lactam Oxindoles by an Nâ€Heterocyclic Carbeneâ€Catalyzed [4+3] Annulation of Flexible Oxotryptamines with Enals. Chemistry - A European Journal, 2019, 25, 11223-11227.	1.7	20
1493	Directâ€“Indirect Transition of Pressurized Two-Dimensional Halide Perovskite: Role of Benzene Ring Stack Ordering. Journal of Physical Chemistry Letters, 2019, 10, 5687-5693.	2.1	20
1494	A fluorogenic probe based on chelationâ€“hydrolysis-enhancement mechanism for visualizing Zn²⁺ in Parkinson's disease models. Journal of Materials Chemistry B, 2019, 7, 2252-2260.	2.9	20

#	Article	IF	Citations
1495	Highly efficient organic-inorganic hybrid perovskite quantum dot/nanocrystal light-emitting diodes using graphene electrode and modified PEDOT:PSS. Organic Electronics, 2019, 72, 30-38.	1.4	20
1496	Biocompatible metal-free organic phosphorescent nanoparticles for efficiently multidrug-resistant bacteria eradication. Science China Materials, 2020, 63, 316-324.	3.5	20
1497	Multiple Passivation of Electronic Defects for Efficient and Stable Perovskite Solar Cells. Solar Rrl, 2020, 4, 2000481.	3.1	20
1498	Resonance-driven dynamically bipolar organic semiconductors for high-performance optoelectronic applications. Materials Horizons, 2020, 7, 3298-3304.	6.4	20
1499	Multifunctional shape-dependent plasmonic nanoprobe by enzymatic etching of single gold triangular nanoplate. Nano Research, 2020, 13, 3364-3370.	5.8	20
1500	Green Solution-Bathing Process for Efficient Large-Area Planar Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 24905-24912.	4.0	20
1501	Structure Design of Niâ€“Co Hydroxide Nanoarrays with Facet Engineering on Carbon Chainlike Nanofibers for High-Efficiency Oxygen Evolution. ACS Applied Energy Materials, 2020, 3, 6240-6248.	2.5	20
1502	Emerging Organic/Hybrid Photovoltaic Cells for Indoor Applications: Recent Advances and Perspectives. Solar Rrl, 2021, 5, 2100042.	3.1	20
1503	Covalently binding ultrafine MoS2 particles to N, S co-doped carbon renders excellent Na storage performances. Carbon, 2021, 184, 177-185.	5.4	20
1504	Sb2S3-based conversion-alloying dual mechanism anode for potassium-ion batteries. IScience, 2021, 24, 103494.	1.9	20
1505	Simultaneous Enhancement of the Long-Wavelength NIR-II Brightness and Photothermal Performance of Semiconducting Polymer Nanoparticles. ACS Applied Materials & Interfaces, 2022, 14, 8705-8717.	4.0	20
1506	Recent Structural Engineering of Polymer Semiconductors Incorporating Hydrogen Bonds. Advanced Materials, 2022, 34, e2110639.	11.1	20
1507	Frontiers and Structural Engineering for Building Flexible Zincâ€“Air Batteries. Advanced Science, 2022, 9, e2103954.	5.6	20
1508	Formation of CdS nanoparticles in mixed cationic-anionic surfactant vesicle system. Materials Chemistry and Physics, 1997, 49, 87-92.	2.0	19
1509	An efficient fluorescent chemosensor for Mg2+: selective and high sensitive. Thin Solid Films, 2002, 417, 198-201.	0.8	19
1510	A novel approach of preparation and patterning of organic fluorescent nanomaterials. Chemical Physics Letters, 2006, 420, 480-483.	1.2	19
1511	Two-photon absorption of new multibranched chromophore with dibenzothiophene core. Chemical Physics Letters, 2006, 424, 333-339.	1.2	19
1512	Synthesis and characterization of red phosphorescent-conjugated polymers containing charged iridium complexes and carbazole unit. Synthetic Metals, 2007, 157, 813-822.	2.1	19

#	Article	IF	Citations
1513	Towards Highly Substituted Starburst Macromolecular Semiconductors: Microwave Synthesis, Spectroscopy and Electrochemical Properties. Macromolecular Chemistry and Physics, 2011, 212, 445-454.	1.1	19
1514	Conjugated Polymer with Onâ€Chain Pt(II) Complex for Resistive Randomâ€Access Memory Device. Macromolecular Chemistry and Physics, 2012, 213, 2472-2478.	1.1	19
1515	Crystal polymorphism and enhanced dielectric performance of composite nanofibers of poly(vinylidene fluoride) with silver nanoparticles. Journal of Applied Polymer Science, 2013, 128, 1004-1010.	1.3	19
1516	Bipolar luminescent materials containing pyrimidine terminals: synthesis, photophysical properties and a theoretical study. RSC Advances, 2013, 3, 21877.	1.7	19
1517	Hindrance-functionalized Ï€-stacked polymer based on polystyrene with pendent cardo groups for organic electronics. Polymer Chemistry, 2013, 4, 2540.	1.9	19
1518	Bioâ€Assembled Nanocomposites in Conch Shells Exhibit Giant Electret Hysteresis. Advanced Materials, 2013, 25, 711-718.	11.1	19
1519	A Theoretical Insight into the Mechanism of Cu(I)â€Catalyzed Cï£¿N Coupling between Aryl Halides and Aqueous Ammonia. Chinese Journal of Chemistry, 2015, 33, 961-966.	2.6	19
1520	Fluorescent oligo(p-phenyleneethynylene) contained amphiphiles-encapsulated magnetic nanoparticles for targeted magnetic resonance and two-photon optical imaging in vitro and in vivo. Nanoscale, 2015, 7, 8907-8919.	2.8	19
1521	HOMOâ€“LUMO energy gap control in platinum(<scp>ii</scp>) biphenyl complexes containing 2,2â€²-bipyridine ligands. Dalton Transactions, 2015, 44, 17075-17090.	1.6	19
1522	Alcoholâ€Mediated Resistanceâ€Switching Behavior in Metalâ€“Organic Frameworkâ€Based Electronic Devices. Angewandte Chemie, 2016, 128, 9030-9034.	1.6	19
1523	Improved performances of inkjet-printed poly(3-hexylthiophene) organic thin-film transistors by inserting an ionic self-assembled monolayer. RSC Advances, 2016, 6, 40970-40974.	1.7	19
1524	O-Nitrobenzyl-alt-(phenylethynyl)benzene copolymer-based nanoaggregates with highly efficient two-photon-triggered degradable properties via a FRET process. Polymer Chemistry, 2016, 7, 3117-3125.	1.9	19
1525	Diketopyrrolopyrrole Derivatives Grafting Hyaluronic Acid for Targeted Photodynamic Therapy. ChemistrySelect, 2016, 1, 3071-3074.	0.7	19
1526	Metal wire waveguide based all plasmonic refractive index sensor for terahertz frequencies. Sensors and Actuators B: Chemical, 2016, 225, 115-120.	4.0	19
1527	A novel visible detection strategy for lysozyme based on gold nanoparticles and conjugated polymer brush. Sensors and Actuators B: Chemical, 2017, 246, 78-84.	4.0	19
1528	Amphiphilic conjugated molecules with multifunctional properties as efficient blue emitters and cathode interlayers for inkjet printed organic light-emitting diodes. Journal of Materials Chemistry C, 2017, 5, 7075-7083.	2.7	19
1529	Understanding the molecular gelation processes of heteroatomic conjugated polymers for stable blue polymer light-emitting diodes. Journal of Materials Chemistry C, 2017, 5, 6762-6770.	2.7	19
1530	Three dimensional multi-arm acceptors based on diketopyrrolopyrrole with (hetero)aromatic cores for non-fullerene organic solar cells without additional treatment. Dyes and Pigments, 2017, 139, 412-419.	2.0	19

#	Article	IF	Citations
1531	Bromine-Terminated Additives for Phase-Separated Morphology Control of PTB7:PC₇₁BM-Based Polymer Solar Cells. ACS Sustainable Chemistry and Engineering, 2017, 5, 11668-11675.	3.2	19
1532	Inhomogeneous degradation in metal halide perovskites. Applied Physics Letters, 2017, 111, .	1.5	19
1533	A water-stable metal-organic framework as a luminescent Fe3+ sensor under weak acidic and weak basic conditions. Science China Chemistry, 2017, 60, 1581-1587.	4.2	19
1534	A robust molecular unit nanogrid servicing as network nodes via molecular installing technology. Materials Chemistry Frontiers, 2017, 1, 455-459.	3.2	19
1535	N, P Coâ€doped Hierarchical Porous Graphene as a Metalâ€Free Bifunctional Air Cathode for Znâ^'Air Batteries. ChemElectroChem, 2018, 5, 1811-1816.	1.7	19
1536	Novel electron acceptor based on spiro[fluorine-9,9â€²-xanthene] for exciplex thermally activated delayed fluorescence. Dyes and Pigments, 2018, 149, 422-429.	2.0	19
1537	Natural Molecules From Chinese Herbs Protecting Against Parkinsonâ€™s Disease via Anti-oxidative Stress. Frontiers in Aging Neuroscience, 2018, 10, 246.	1.7	19
1538	Reduced Graphene Oxide Electrodes with Wrinkled Surface for Nonvolatile Polymer Memory Device Compatibility. Small Methods, 2018, 2, 1800048.	4.6	19
1539	Pt complex-based terpolymer acceptors linked through ancillary ligand for all-polymer solar cells. Journal of Materials Chemistry C, 2018, 6, 9903-9913.	2.7	19
1540	Mitochondrial Specific H₂S_n Fluorogenic Probe for Live Cell Imaging by Rational Utilization of a Dual-Functional-Photocage Group. ACS Sensors, 2018, 3, 1622-1626.	4.0	19
1541	Design of a nanoswitch for sequentially multi-species assay based on competitive interaction between DNA-templated fluorescent copper nanoparticles, Cr3+ and pyrophosphate and ALP. Talanta, 2019, 205, 120132.	2.9	19
1542	Tuning the Connectivity, Rigidity, and Functionality of Two-Dimensional Zr-Based Metalâ€“Organic Frameworks. Inorganic Chemistry, 2019, 58, 12748-12755.	1.9	19
1543	Dopant-Free Hole-Transporting Polycarbazoles with Tailored Backbones for Efficient Inverted Perovskite Solar Cells. Macromolecules, 2019, 52, 4757-4764.	2.2	19
1544	Design and Synthesis of Conjugated Starburst Molecules for Optoelectronic Applications. Chemical Record, 2019, 19, 1571-1595.	2.9	19
1545	Synthesis of Donorâ€“Acceptor Gridarenes with Tunable Electronic Structures for Synaptic Learning Memristor. ACS Omega, 2019, 4, 5863-5869.	1.6	19
1546	Supramolecular Design of Donorâ€“Acceptor Complexes via Heteroatom Replacement toward Structure and Electrical Transporting Property Tailoring. ACS Applied Materials & Interfaces, 2019, 11, 1109-1116.	4.0	19
1547	Enabling and Controlling Negative Photoconductance of FePS₃ Nanosheets by Hot Carrier Trapping. Advanced Optical Materials, 2020, 8, 2000201.	3.6	19
1548	Selfâ€Assembly of Completely Inorganic Perovskite Nanocrystals with Improved Stability by Anchoring on Kaolinite Lamellae. Advanced Optical Materials, 2020, 8, 1901485.	3.6	19

#	Article	IF	Citations
1549	In-situ self-catalyzed growth of bimetallic nanoparticles/carbon nanotubes: A flexible binder-free electrocatalyst for high-performance oxygen evolution reaction. Materials Today Physics, 2021, 16, 100303.	2.9	19
1550	Lifetime-tunable organic persistent room-temperature phosphorescent salts for large-area security printing. Science China Materials, 2021, 64, 1485-1494.	3.5	19
1551	Effective carrier transport tuning of CuOx quantum dots hole interfacial layer for high-performance inverted perovskite solar cell. Applied Surface Science, 2021, 547, 149117.	3.1	19
1552	Revealing electronic nature of broad bound exciton bands in two-dimensional semiconducting <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">W</mml:mi><mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Mo</mml:mi><mml:msub><mml:mi	0.9	19
1553	Recent Progress of Host Materials for Highly Efficient Blue Phosphorescent OLEDs. Acta Chimica Sinica, 2015, 73, 9.	0.5	19
1554	Manipulating Electroluminochromism Behavior of Viologenâ€Substituted Iridium(III) Complexes through Ligand Engineering for Information Display and Encryption. Advanced Materials, 2022, 34, e2107013.	11.1	19
1555	Atomic-resolved hierarchical structure of elastic Ï€-conjugated molecular crystal for flexible organic photonics. CheM, 2022, 8, 1427-1441.	5.8	19
1556	Poly(1,4-bis[2-(4-hexylthiophene)]-2,5-dimethylphenylene): a new conjugated electroluminescent polymer. Synthetic Metals, 1999, 105, 43-47.	2.1	18
1557	Characterization of fluoropolymer films deposited by magnetron sputtering of poly(tetrafluoroethylene) and plasma polymerization of heptadecafluoro-1-decene (HDFD) on (100)-oriented single-crystal silicon substrates. Surface and Interface Analysis, 2002, 34, 10-18.	0.8	18
1558	Synthesis and characterization of naphthyl-substituted poly(p-phenylenevinylene)s with few structural defects for polymer light-emitting diodes. Journal of Polymer Science Part A, 2004, 42, 1647-1657.	2.5	18
1559	Novel Photo-Crosslinkable Light-Emitting Rod/Coil Copolymers: Underlying Facile Material for Fabricating Pixelated Displays. Macromolecular Rapid Communications, 2006, 27, 1779-1786.	2.0	18
1560	Synthesis of InAs nanowires via a low-temperature solvothermal route. Nanotechnology, 2006, 17, 3416-3420.	1.3	18
1561	Blue top-emitting organic light-emitting devices using a 2,9-dimethyl-4,7-diphenyl-1,10-phenanthroline outcoupling layer. Organic Electronics, 2008, 9, 1112-1117.	1.4	18
1562	Effects of Temperature and Solvent on the Energy Transfer and Î²â€Phase Formation in the Iridium(III) Complexâ€Containing Polyfluorene in Solutions and as Suspended Nanoâ€Particles. Macromolecular Rapid Communications, 2010, 31, 629-633.	2.0	18
1563	Blue top-emitting organic light-emitting devices based on wide-angle interference enhancement and suppression of multiple-beam interference. Organic Electronics, 2011, 12, 322-328.	1.4	18
1564	Graphene/Carbon Nanotube Films Prepared by Solution Casting for Electrochemical Energy Storage. IEEE Nanotechnology Magazine, 2012, 11, 3-7.	1.1	18
1565	Macroporous foam of reduced graphene oxides prepared by lyophilization. Materials Research Bulletin, 2012, 47, 4335-4339.	2.7	18
1566	Studies on shallow traps in Li2B4O7:Eu,Mn. Radiation Measurements, 2014, 63, 26-31.	0.7	18

#	Article	IF	Citations
1567	Phosphorescent Iridium(III) Complexes for Bioimaging. Structure and Bonding, 2014, , 131-180.	1.0	18
1568	A solution-processable triphenylamine-fluorene host for exciplex based white phosphorescent organic light-emitting diodes. Journal of Materials Chemistry C, 2014, 2, 9754-9759.	2.7	18
1569	Plasmonic-enhanced polymer photovoltaic cells based on Au nanoparticles with wide absorption spectra of 300â€“1000 nm. Journal of Materials Chemistry C, 2014, 2, 9303-9310.	2.7	18
1570	A plasmonic nanosensor for lipase activity based on enzyme-controlled gold nanoparticles growth in situ. Nanoscale, 2015, 7, 6039-6044.	2.8	18
1571	Electrochemical sensor based on a silver nanowires modified electrode for the determination of cholesterol. Analytical Methods, 2015, 7, 5649-5653.	1.3	18
1572	Ladder-type conjugated oligomers prepared by the Scholl oxidative cyclodehydrogenation reaction: synthesis, characterization and application in field effect transistors. Journal of Materials Chemistry C, 2015, 3, 6200-6208.	2.7	18
1573	Pyrenyl-Capped Benzofiurene Derivatives: Synthesis, Characterization, and the Effects of Flexible Side Chains on Modulating the Optoelectronic Properties. Journal of Physical Chemistry C, 2015, 119, 28117-28126.	1.5	18
1574	Surfactant-assisted encapsulation of uniform SnO₂nanoparticles in graphene layers for high-performance Li-storage. 2D Materials, 2015, 2, 014005.	2.0	18
1575	Ternary donorâ€“acceptor phosphine oxide hosts with peculiar high energy gap for efficient blue electroluminescence. Journal of Materials Chemistry C, 2015, 3, 9469-9478.	2.7	18
1576	Controlled Synthesis of Uniform Na_xScF_{3+x} Nanopolyhedrons, Nanoplates, Nanorods, and Nanospheres Using Solvents. Crystal Growth and Design, 2015, 15, 2988-2993.	1.4	18
1577	Heteroatomic Conjugated Polymers and the Spectral Tuning of Electroluminescence via a Supramolecular Coordination Strategy. Macromolecular Rapid Communications, 2016, 37, 1807-1813.	2.0	18
1578	Direct siliconâ€“nitrogen bonded host materials with enhanced Ïƒâ€“Ï€ conjugation for blue phosphorescent organic light-emitting diodes. Journal of Materials Chemistry C, 2016, 4, 10047-10052.	2.7	18
1579	Optimizing the Intralayer and Interlayer Compatibility for High-Efficiency Blue Thermally Activated Delayed Fluorescence Diodes. Scientific Reports, 2016, 6, 19904.	1.6	18
1580	Pyrene-Cored Starburst Oligofluorenes with Diphenylamine End-Cappers: Design, Synthesis, Stabilized Optical Gain, and Lasing Properties. Journal of Physical Chemistry C, 2017, 121, 27569-27579.	1.5	18
1581	Wafer-Scale Ultrathin Two-Dimensional Conjugated Microporous Polymers: Preparation and Application in Heterostructure Devices. ACS Applied Materials & Interfaces, 2018, 10, 4010-4017.	4.0	18
1582	Negative differential resistance and hysteresis in graphene-based organic light-emitting devices. Journal of Materials Chemistry C, 2018, 6, 1926-1932.	2.7	18
1583	Bright monolayer tungsten disulfide via exciton and trion chemical modulations. Nanoscale, 2018, 10, 6294-6299.	2.8	18
1584	NIR-Absorbing water-soluble conjugated polymer dots for photoacoustic imaging-guided photothermal/photodynamic synergetic cancer therapy. Journal of Materials Chemistry B, 2018, 6, 7402-7410.	2.9	18

#	Article	IF	Citations
1585	Insight into chirality on molecular stacking for tunable ultralong organic phosphorescence. Journal of Materials Chemistry C, 2018, 6, 10179-10183.	2.7	18
1586	Variable segment roles: modulation of the packing modes, nanocrystal morphologies and optical emissions. Nanoscale, 2018, 10, 13310-13314.	2.8	18
1587	Revealing Lectinâ€“Sugar Interactions with a Single Au@Ag Nanocube. ACS Applied Materials & Interfaces, 2019, 11, 40944-40950.	4.0	18
1588	Molecular engineering on all ortho-linked carbazole/oxadiazole hybrids toward highly-efficient thermally activated delayed fluorescence materials in OLEDs. Chinese Chemical Letters, 2019, 30, 1955-1958.	4.8	18
1589	Quench-resistant and stable nanocarbon dot/sheet emitters with tunable solid-state fluorescence via aggregation-induced color switching. Nanoscale, 2019, 11, 2131-2137.	2.8	18
1590	Transient fiber-shaped flexible electronics comprising dissolvable polymer composites toward multicolor lighting. Journal of Materials Chemistry C, 2019, 7, 1472-1476.	2.7	18
1591	Design, Synthesis, and Postvapor Treatment of Neutral Fulleropyrrolidine Electron-Collecting Interlayers for High-Efficiency Inverted Polymer Solar Cells. ACS Applied Electronic Materials, 2019, 1, 854-861.	2.0	18
1592	Indepth Studies on Working Mechanism of Plasmon-Enhanced Inverted Perovskite Solar Cells Incorporated with Ag@SiO₂ Coreâ€“Shell Nanocubes. ACS Applied Energy Materials, 2019, 2, 3605-3613.	2.5	18
1593	Deep-red fluorogenic probe for rapid detection of nitric oxide in Parkinsonâ€™s disease models. Sensors and Actuators B: Chemical, 2019, 283, 769-775.	4.0	18
1594	Allâ€Inorganic Perovskite Nanocrystalsâ€Based Light Emitting Diodes and Solar Cells. ChemNanoMat, 2019, 5, 266-277.	1.5	18
1595	Smart NIR-Light-Mediated Nanotherapeutic Agents for Enhancing Tumor Accumulation and Overcoming Hypoxia in Synergistic Cancer Therapy. ACS Applied Bio Materials, 2019, 2, 1225-1232.	2.3	18
1596	A series of porphyrins as interfacial materials for inverted perovskite solar cells. Organic Electronics, 2020, 77, 105522.	1.4	18
1597	Dâ€“Aâ€“D-type bipolar host materials with room temperature phosphorescence for high-efficiency green phosphorescent organic light-emitting diodes. Journal of Materials Chemistry C, 2020, 8, 1871-1878.	2.7	18
1598	All-acceptor polymers with noncovalent interactions for efficient ambipolar transistors. Journal of Materials Chemistry C, 2020, 8, 2094-2101.	2.7	18
1599	Achieving multiple emission states and controllable response behaviour in thermochromic luminescent materials for security applications. Journal of Materials Chemistry C, 2020, 8, 10798-10804.	2.7	18
1600	Donorâ€“Acceptor Type Pendant Conjugated Molecules Based on a Triazine Center with Depressed Intramolecular Charge Transfer Characteristics as Gain Media for Organic Semiconductor Lasers. Chemistry - A European Journal, 2020, 26, 3103-3112.	1.7	18
1601	Hierarchical Hollow-Pore Nanostructure Bilayer Heterojunction Comprising Conjugated Polymers for High-Performance Flash Memory. ACS Applied Materials & Interfaces, 2020, 12, 1103-1109.	4.0	18
1602	In Situ-Fabricated Perovskite Nanocrystals for Deep-Blue Light-Emitting Diodes. Journal of Physical Chemistry Letters, 2020, 11, 10348-10353.	2.1	18

#	Article	IF	Citations
1603	Approaching an adjustable organic thermochromic luminophore library via the synergistic effects between structure-related molecular dynamics and aggregation-related luminescence. Journal of Materials Chemistry C, 2020, 8, 8430-8439.	2.7	18
1604	Improved Crystallization and Stability of Mixed-Cation Tin Iodide for Lead-Free Perovskite Solar Cells. ACS Applied Energy Materials, 2020, 3, 5415-5426.	2.5	18
1605	Highly efficient solution-processed red phosphorescent organic light-emitting diodes employing an interface exciplex host. Journal of Materials Chemistry C, 2020, 8, 9909-9915.	2.7	18
1606	Three metalâ€“organic framework isomers of different pore sizes for selective CO₂ adsorption and isomerization studies. Dalton Transactions, 2020, 49, 5618-5624.	1.6	18
1607	Mesh-like vertical structures enable both high areal capacity and excellent rate capability. Journal of Energy Chemistry, 2021, 53, 226-233.	7.1	18
1608	Efficient fabrication of MoS₂ nanocomposites by water-assisted exfoliation for nonvolatile memories. Green Chemistry, 2021, 23, 3642-3648.	4.6	18
1609	A green-synthesized phosphorescent carbon dot composite for multilevel anti-counterfeiting. Nanoscale Advances, 2021, 3, 4536-4540.	2.2	18
1610	Perovskite Solar Cells toward Eco-Friendly Printing. Research, 2021, 2021, 9671892.	2.8	18
1611	Guanidinium Chloride Passivated Perovskites for Efficient Solar Cells: The Role of Passivating Solvent. Journal of Physical Chemistry C, 2021, 125, 2866-2874.	1.5	18
1612	Electrochemiluminescence aptasensor for Siglec-5 detection based on MoS2@Au nanocomposites emitter and exonuclease III-powered DNA walker. Sensors and Actuators B: Chemical, 2021, 334, 129592.	4.0	18
1613	Confinement fluorescence effect (CFE): Lighting up life by enhancing the absorbed photon energy utilization efficiency of fluorophores. Coordination Chemistry Reviews, 2021, 440, 213979.	9.5	18
1614	Diketopyrrolopyrrole derivatives-based NIR-II fluorophores for theranostics. Dyes and Pigments, 2021, 193, 109480.	2.0	18
1615	Intermolecular locking design of red thermally activated delayed fluorescence molecules for high-performance solution-processed organic light-emitting diodes. Journal of Materials Chemistry C, 2021, 9, 2291-2297.	2.7	18
1616	Ladder-type poly(indenofluorene-co-benzothiadiazole)s as efficient gain media for organic lasers: design, synthesis, optical gain properties, and stabilized lasing properties. Journal of Materials Chemistry C, 2017, 5, 6629-6639.	2.7	18
1617	De Novo Design of Polymeric Carrier to Photothermally Release Singlet Oxygen for Hypoxic Tumor Treatment. Research, 2019, 2019, 9269081.	2.8	18
1618	Synthesis, structural characterization, photoluminescence and thermal properties of [(Ph3P)2Cu(Î¼-SeC{O}R)2Cu(PPh3)]. New Journal of Chemistry, 2002, 26, 1122-1129.	1.4	17
1619	Influence of donor and acceptor substituents on the electronic characteristics of poly(fluoreneâ€“phenylene). Thin Solid Films, 2002, 417, 194-197.	0.8	17
1620	Surface Passivation of (100)-Oriented GaAs via Plasma Deposition of an Ultrathin S-Containing Polymer Film and Its Effect on Photoluminescence. Journal of Physical Chemistry B, 2003, 107, 8592-8598.	1.2	17

#	Article	IF	Citations
1621	High-quantum-efficiency erbium-doped optical fiber and the effective deactivator. Applied Physics Letters, 2004, 85, 1910-1912.	1.5	17
1622	Synthesis and characterization of cross-shaped pâ€“n diblock oligomers. Journal of Polymer Science Part A, 2007, 45, 1066-1073.	2.5	17
1623	Field Emission From Hydrothermally Grown ZnO Nanoinjectors. Journal of Display Technology, 2008, 4, 9-12.	1.3	17
1624	Highly efficient and stable blueâ€lightâ€emitting binaphtholâ€fluorene copolymers: A joint experimental and theoretical study of the mainâ€chain chirality. Journal of Polymer Science Part A, 2010, 48, 3868-3879.	2.5	17
1625	A highly selective and ratiometric sensor for Hg2+ based on a phosphorescent iridium (III) complex. Inorganic Chemistry Communication, 2012, 22, 178-181.	1.8	17
1626	The effect of the hole injection layer on the performance of single layer organic light-emitting diodes. Journal of Applied Physics, 2014, 116, .	1.1	17
1627	Recent Advances in Multicolor Emission and Color Tuning of Heteroleptic Iridium Complexes. Israel Journal of Chemistry, 2014, 54, 885-896.	1.0	17
1628	Surfactant Charge Mediated Shape Control of Nano- or Microscaled Coordination Polymers: The Case of Tetrapyridylporphine Based Metal Complex. Crystal Growth and Design, 2014, 14, 1251-1257.	1.4	17
1629	Facile Preparation of Multicolor Polymer Nanoparticle Bioconjugates with Specific Biorecognition. ACS Applied Materials & Interfaces, 2014, 6, 11129-11135.	4.0	17
1630	Flexible top-emitting warm-white organic light-emitting diodes with highly luminous performances and extremely stable chromaticity. Organic Electronics, 2014, 15, 1465-1475.	1.4	17
1631	A polyhedral supramolecular system of endocyclic crystalline organic nanostructures: the case of triptycenes. CrystEngComm, 2015, 17, 1448-1452.	1.3	17
1632	Spiro[fluorene-9,9â€²-xanthene]-based universal hosts for understanding structureâ€“property relationships in RGB and white PhOLEDs. RSC Advances, 2015, 5, 29828-29836.	1.7	17
1633	Tuning Charge Balance in Solution-Processable Bipolar Triphenylamine-diazafluorene Host Materials for Phosphorescent Devices. ACS Applied Materials & Interfaces, 2015, 7, 9445-9452.	4.0	17
1634	High-mobility flexible pentacene-based organic field-effect transistors with PMMA/PVP double gate insulator layers and the investigation on their mechanical flexibility and thermal stability. RSC Advances, 2015, 5, 95273-95279.	1.7	17
1635	A series of iridophosphors with tunable excited states for hypoxia monitoring via time-resolved luminescence microscopy. Journal of Materials Chemistry C, 2016, 4, 10638-10645.	2.7	17
1636	Pyrene-capped starburst emitters as gain media for organic lasers: design, synthesis, and stabilized lasing properties. Journal of Materials Chemistry C, 2016, 4, 7546-7553.	2.7	17
1637	3D-Encapsulated iridium-complexed nanophosphors for highly efficient host-free organic light-emitting diodes. Chemical Communications, 2016, 52, 5183-5186.	2.2	17
1638	Lead monoxide: a two-dimensional ferromagnetic semiconductor induced by hole-doping. Journal of Materials Chemistry C, 2017, 5, 4520-4525.	2.7	17

#	Article	IF	Citations
1639	Compact Spectrometer Based on a Frosted Glass. IEEE Photonics Technology Letters, 2017, 29, 217-220.	1.3	17
1640	In situ surface assembly of core-shell TiO2-copper(I) cluster nanocomposites for visible-light photocatalytic reduction of Cr(VI). Applied Catalysis B: Environmental, 2017, 205, 368-375.	10.8	17
1641	Facile synthesis of Mn₃[Co(CN)₆]₂Â·nH₂O nanocrystals for high-performance electrochemical energy storage devices. Inorganic Chemistry Frontiers, 2017, 4, 442-449.	3.0	17
1642	Effects of a highly lipophilic substituent on the environmental stability of naphthalene tetracarboxylic diimide-based n-channel thin-film transistors. Journal of Materials Chemistry C, 2017, 5, 848-853.	2.7	17
1643	Neutral linear supramolecular polymers constructed by three different interactions. RSC Advances, 2017, 7, 29364-29367.	1.7	17
1644	A robust and soluble nanopolymer based on molecular grid-based nanomonomer. Chinese Journal of Polymer Science (English Edition), 2017, 35, 87-97.	2.0	17
1645	Organic non-volatile memory based on pentacene/tris(8-hydroxy quinoline) aluminum heterojunction transistor. Organic Electronics, 2018, 57, 335-340.	1.4	17
1646	Simple phenyl bridge between cyano and pyridine units to weaken the electron-withdrawing property for blue-shifted emission in efficient blue TADF OLEDs. Organic Electronics, 2018, 57, 247-254.	1.4	17
1647	Hydrogen-bonded-assisted supramolecular microwires for pure violet lasers: benefits of preventing intermolecular Ï€â€“Ï€ stacking and aggregation in single crystals. Materials Chemistry Frontiers, 2018, 2, 2307-2312.	3.2	17
1648	Improving the exciton dissociation of polymer/fullerene interfaces with a minimal loading amount of energy cascading molecular dopant. Journal of Materials Chemistry A, 2018, 6, 15977-15984.	5.2	17
1649	An eco-friendly water-assisted polyol method to enhance the aspect ratio of silver nanowires. RSC Advances, 2019, 9, 1933-1938.	1.7	17
1650	Access to Highly Functionalized Indanes from Arynes and Î±,Î³-Diketo Esters. Organic Letters, 2019, 21, 941-945.	2.4	17
1651	NH₂â€GQDsâ€Doped Nickelâ€Cobalt Oxide Deposited on Carbon Cloth for Nonenzymatic Detection of Glucose. Advanced Materials Interfaces, 2020, 7, 1901578.	1.9	17
1652	Adjusting the lipidâ€“water distribution coefficient of iridium(<scp>iii</scp>) complexes to enhance the cellular penetration and treatment efficacy to antagonize cisplatin resistance in cervical cancer. Dalton Transactions, 2020, 49, 11556-11564.	1.6	17
1653	Anion-dependent topochemical conversion of CoAl-LDH microplates to hierarchical superstructures of CoOOH nanoplates with controllable orientation. Chemical Communications, 2020, 56, 10285-10288.	2.2	17
1654	Organic NIR-II Photoacoustic Agent Utilizing Combined Two-Photon and Excited State Absorption at 1064 nm. ACS Photonics, 2020, 7, 3161-3165.	3.2	17
1655	Interpenetrated Metalâ€“Organic Frameworks with ftw Topology and Versatile Functions. ACS Applied Materials & Interfaces, 2020, 12, 18715-18722.	4.0	17
1656	Highly flexible and degradable memory electronics comprised of all-biocompatible materials. Nanoscale, 2021, 13, 724-729.	2.8	17

#	Article	IF	Citations
1657	Water-Soluble Donorâ€“Acceptorâ€“Donor-Based Fluorophore for High-Resolution NIR-II Fluorescence Imaging Applications. ACS Applied Polymer Materials, 2021, 3, 3238-3246.	2.0	17
1658	Ultrathin two-dimensional hybrid perovskites toward flexible electronics and optoelectronics. National Science Review, 2022, 9, nwab129.	4.6	17
1659	Spiro-Functionalized Polyfluorene Derivatives as Blue Light-Emitting Materials. , 2000, 12, 828.		17
1660	Influence of Molecular Weight of Polymer Electret on the Synaptic Organic Fieldâ€Effect Transistor Performance. Advanced Electronic Materials, 2022, 8, .	2.6	17
1661	Dynamic room-temperature phosphorescence by reversible transformation of photo-induced free radicals. Science China Chemistry, 2022, 65, 1538-1543.	4.2	17
1662	A novel conjugated polymer containing alternating p- andn-type moieties with balanced properties of conducting holes and electrons. Macromolecular Rapid Communications, 2000, 21, 897-900.	2.0	16
1663	Conformational analysis on biphenyls with theoretical calculations: modeling torsions in poly(para-phenylene)s with side chains. Thin Solid Films, 2000, 363, 1-5.	0.8	16
1664	Protonation of Bipyridines and Their Vinyleneâ^'Phenyleneâ^'Vinylene Derivatives:â€‰ Theoretical Analysis of the Positive Charge Effects. Journal of Physical Chemistry A, 2001, 105, 8775-8781.	1.1	16
1665	Preparation and electrochemical properties of organicâ€“inorganic hybrids with the use of alkylammonium or alkylviologen cations and polyoxometalate anions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 248, 85-91.	2.3	16
1666	Sonochemical synthesis of novel blue-emissive, water-soluble, cationic polysilanes as fluorescent sensors. Journal of Polymer Science Part A, 2006, 44, 3513-3525.	2.5	16
1667	Para-linked and meta-linked cationic water-soluble fluorene-containing poly(aryleneethynylene)s: Conformational changes and their effects on ironâ€“sulfur protein detection. Journal of Polymer Science Part A, 2006, 44, 5424-5437.	2.5	16
1668	Bright electroluminescence from a chelate phosphine oxide EuIII complex with high thermal performance. Thin Solid Films, 2008, 516, 8487-8492.	0.8	16
1669	Morphology and photophysical properties of a thermally responsive fluorescent material based on a rodâ€coil triâ€block copolymer. Journal of Applied Polymer Science, 2008, 110, 18-22.	1.3	16
1670	First-Principles Study of Rectification in Bis-2-(5-ethynylthienyl)ethyne Molecular Junctions. Journal of Physical Chemistry A, 2011, 115, 9033-9042.	1.1	16
1671	Highly sensitive detection of DNA-binding proteins based on a cationic conjugated polymer via a target-mediated fluorescence resonance energy transfer (TMFRET) strategy. Polymer Chemistry, 2012, 3, 703.	1.9	16
1672	Efficiency enhancement in P3HT-based polymer solar cells with a NaYF4:2% Er3+, 18% Yb3+ up-converter. Journal of Materials Chemistry C, 2013, 1, 5872.	2.7	16
1673	Chemoselective reduction of graphene oxide and its application in nonvolatile organic transistor memory devices. RSC Advances, 2013, 3, 25788.	1.7	16
1674	Scattering or Photoluminescence? Major Mechanism Exploration on Performance Enhancement in P3HTâ€Based Polymer Solar Cells with NaYF₄:2% Er³⁺, 18% Yb³⁺ Upconverting Nanocrystals. Advanced Optical Materials, 2014, 2, 442-449.	3.6	16

#	Article	IF	Citations
1675	Manipulating charge transport in a Ï€-stacked polymer through silicon incorporation. Journal of Materials Chemistry C, 2014, 2, 6946-6953.	2.7	16
1676	Dumbbell effects of solution-processed pyrene-based organic semiconductors on electronic structure, morphology and electroluminescence. Synthetic Metals, 2015, 200, 135-142.	2.1	16
1677	A new V-shaped triphenylamine/diketopyrrolopyrrole containing donor material for small molecule organic solar cells. RSC Advances, 2015, 5, 68192-68199.	1.7	16
1678	cis and trans Isomers distinguished by imidazole N-alkylation after Debus-Radziszewski reaction starting from 2,7-di-tert-butyl-pyrene-4,5,9,10-tetraone. Tetrahedron, 2015, 71, 3195-3202.	1.0	16
1679	Ï€-System based coordination polymer hollow nanospheres for the selective sensing of aromatic nitro explosive compounds. New Journal of Chemistry, 2015, 39, 9275-9280.	1.4	16
1680	Surfactant effect on and luminescence tuning of lanthanide-doped ScPO4Â·2H2O microparticles. Journal of Materials Chemistry C, 2015, 3, 12385-12389.	2.7	16
1681	Simplified phosphorescent organic light-emitting devices using heavy doping with an Ir complex as an emitter. RSC Advances, 2015, 5, 4261-4265.	1.7	16
1682	Nondilute 1,2-dichloroethane solution of poly(9,9-dioctylfluorene-2,7-diyl): A study on the aggregation process. Chinese Journal of Polymer Science (English Edition), 2016, 34, 1311-1318.	2.0	16
1683	Benzothiazoleâ€“pyrimidine-based BODIPY analogues: promising luminophores with fluorescence sensing and imaging ability and asymmetrization-induced solid-state emission. Dalton Transactions, 2016, 45, 17274-17280.	1.6	16
1684	Inverse-architecture perovskite solar cells with 5,6,11,12-tetraphenylnaphthacene as a hole conductor. RSC Advances, 2017, 7, 29944-29952.	1.7	16
1685	Scrolling up graphene oxide nanosheets assisted by self-assembled monolayers of alkanethiols. Nanoscale, 2017, 9, 9997-10001.	2.8	16
1686	A facile methodology for regulating the size of hexagonal NaYF₄:Yb³⁺,Er³⁺ upconversion nanocrystals. New Journal of Chemistry, 2017, 41, 11521-11524.	1.4	16
1687	Diameter engineering on TiO2 nanorod arrays for improved hole-conductor-free perovskite solar cells. Solar Energy, 2018, 166, 42-49.	2.9	16
1688	Feasible organic films using noninterfering emitters for sensitive and spatial high-temperature sensing. Journal of Materials Chemistry C, 2018, 6, 8115-8121.	2.7	16
1689	Large-area patterned 2D conjugated microporous polymers via photomask-assisted solid-state photopolymerization. Journal of Materials Chemistry C, 2018, 6, 7295-7301.	2.7	16
1690	Thieno[3,2-b]indole (TI) bridged A-Ï€â^'D-Ï€â^'A small molecules: Synthesis, characterizations and organic solar cell applications. Dyes and Pigments, 2019, 160, 16-24.	2.0	16
1691	Structureâ€Based Specific Detection and Inhibition of Monoamine Oxidases and Their Applications in Central Nervous System Diseases. ChemBioChem, 2019, 20, 1487-1497.	1.3	16
1692	A rapid and highly selective paper-based device for high-throughput detection of cysteine with red fluorescence emission and a large Stokes shift. Analytical Methods, 2019, 11, 1312-1316.	1.3	16

#	Article	IF	Citations
1693	Electric Field Induced Molecular Assemblies Showing Different Nanostructures and Distinct Emission Colors. Small Methods, 2019, 3, 1900142.	4.6	16
1694	Tetrazole-based porous metalâ€“organic frameworks for selective CO2 adsorption and isomerization studies. Dalton Transactions, 2020, 49, 2145-2150.	1.6	16
1695	Ag(<scp>i</scp>)-Mediated hydrogen isotope exchange of mono-fluorinated (hetero)arenes. Organic and Biomolecular Chemistry, 2020, 18, 6627-6633.	1.5	16
1696	A Phototheranostic Strategy to Continuously Deliver Singlet Oxygen in the Dark and Hypoxic Tumor Microenvironment. Angewandte Chemie, 2020, 132, 8918-8923.	1.6	16
1697	Two-dimensional Ruddlesdenâ€“Popper layered perovskite for light-emitting diodes. APL Materials, 2020, 8, 040901.	2.2	16
1698	Highly efficient ultra-flexible tandem organic light-emitting diodes adopting a non-doped charge generation unit. Journal of Materials Chemistry C, 2021, 9, 8570-8578.	2.7	16
1699	Recent Advances in Substituent Effects of Blue Thermally Activated Delayed Fluorescence Small Molecules. Acta Chimica Sinica, 2021, 79, 557.	0.5	16
1700	Perovskite Lightâ€Emitting Diodes with Near Unit Internal Quantum Efficiency at Low Temperatures. Advanced Materials, 2021, 33, e2006302.	11.1	16
1701	Electron-rich isolated Pt active sites in ultrafine PtFe3 intermetallic catalyst for efficient alkene hydrosilylation. Journal of Catalysis, 2021, 396, 351-359.	3.1	16
1702	Controllable photoactivated organic persistent room-temperature phosphorescence for information encryption and visual temperature detection. Cell Reports Physical Science, 2021, 2, 100505.	2.8	16
1703	A 9-fluorenyl substitution strategy for aromatic-imide-based TADF emitters towards efficient and stable sky blue OLEDs with nearly 30% external quantum efficiency. Materials Advances, 2021, 2, 4000-4008.	2.6	16
1704	Recyclable and Flexible Dual-Mode Electronics with Light and Heat Management. ACS Nano, 2020, 14, 6707-6714.	7.3	16
1705	Stereoassembled V ₂ O ₅ @FeOOH Hollow Architectures with Lithiation Volumetric Strain Self-Reconstruction for Lithium-Ion Storage. Research, 2020, 2020, 2360796.	2.8	16
1706	Dual/Multi-responsive fluorogenic probes for multiple analytes in mitochondria: From design to applications. TrAC - Trends in Analytical Chemistry, 2022, 155, 116697.	5.8	16
1707	Characterization and third-order optical nonlinearities of uniform surface-modified CdS nanoparticles. Talanta, 1998, 45, 735-738.	2.9	15
1708	Semiconductor Nanocomposites of Emissive Flexible Random Copolymers and CdTe Nanocrystals: Preparation, Characterization, and Optoelectronic Properties. Macromolecular Chemistry and Physics, 2007, 208, 2007-2017.	1.1	15
1709	Synthesis and Characterization of 2,3,7,8,12,13-Hexabromotruxene and Its Hexaaryl Derivatives. Chemistry Letters, 2009, 38, 286-287.	0.7	15
1710	Influence of bidentate structure of an aryl phosphine oxide ligand on photophysical properties of its EuIII complex. Journal of Rare Earths, 2010, 28, 666-670.	2.5	15

#	Article	IF	Citations
1711	Carbazole endâ€capped pyrene starburst with enhanced electrochemical stability and device performance. Journal of Polymer Science Part A, 2010, 48, 4943-4949.	2.5	15
1712	Effect of pH on the photophysical properties of two new carboxylic-substituted iridium(iii) complexes. Analyst, The, 2013, 138, 1689.	1.7	15
1713	Proton-transfer supramolecular salts based on proton sponge 2,2â€²-dipyridylamine. Journal of Molecular Structure, 2013, 1051, 124-131.	1.8	15
1714	Dipyrido[3,2â€‹a:2â€²,3â€²â€‹c]phenazineâ€Based Donorâ€“Acceptor Aromatic Heterocyclic Compounds with Thienyl and Triphenylamino Chromophores at the 2,7â€•and/or 10,13â€Positions. Chemistry - an Asian Journal, 2014, 9, 514-525.	1.7	15
1715	Dimeric SFX host materials for red, green and blue phosphorescent organic light-emitting devices. Synthetic Metals, 2014, 195, 321-327.	2.1	15
1716	Plasmon-enhanced polymer photovoltaic cells based on large aspect ratio gold nanorods and the related working mechanism. Applied Physics Letters, 2014, 104, .	1.5	15
1717	Benefits of dispersion solvents with more OH groups in electrospray preparation of TiO2 photoelectrode for the improvement of DSSC performance. Organic Electronics, 2014, 15, 969-976.	1.4	15
1718	First principles study on the influence of electronic configuration of M on Cu3NM: M=Sc, Ti, V, Cr, Mn, Fe, Co, Ni. Computational and Theoretical Chemistry, 2014, 1027, 33-38.	1.1	15
1719	Highly efficient Câ€“C cross-coupling for installing thiophene rings into Ï€-conjugated systems. Organic Chemistry Frontiers, 2014, 1, 817-820.	2.3	15
1720	Efficient energy transfer from inserted CdTe quantum dots to YVO4:Eu3+ inverse opals: a novel strategy to improve and expand visible excitation of rare earth ions. Nanoscale, 2014, 6, 8075.	2.8	15
1721	Effect of gold nanorods and nanocubes on electroluminescent performances in organic light-emitting diodes and its working mechanism. AIP Advances, 2015, 5, .	0.6	15
1722	An Improved Turnâ€On Aptasensor for Thrombin Detection Using Split Aptamer Fragments and Graphene Oxide. Chinese Journal of Chemistry, 2015, 33, 981-986.	2.6	15
1723	Role of Planar Conformations in Aggregation Induced Spectral Shifts of Supermolecular Oligofluorenols in Solutions and Films: A Combined Experimental and MD/TD-DFT Study. Journal of Physical Chemistry B, 2015, 119, 10316-10333.	1.2	15
1724	Effects of strong hydrogen bonds and weak intermolecular interactions on supramolecular assemblies of 4-fluorobenzylamine. Journal of Molecular Structure, 2015, 1091, 98-108.	1.8	15
1725	Easily fixed simple small ESIPT molecule with aggregation induced emission for fast and photostable â€œturn-onâ€•bioimaging. RSC Advances, 2015, 5, 7789-7793.	1.7	15
1726	Edge structures and properties of triangular antidots in single-layer MoS2. Applied Physics Letters, 2016, 109, 091603.	1.5	15
1727	Efficient synthesis and photovoltaic properties of highly rigid perylene-embedded benzothiazolyls. Polymer Chemistry, 2016, 7, 780-784.	1.9	15
1728	Broadband plasmon-enhanced polymer solar cells with power conversion efficiency of 9.26% using mixed Au nanoparticles. Optics Communications, 2016, 362, 50-58.	1.0	15

#	Article	IF	Citations
1729	The trapping, detrapping, and transport of the ambipolar charges in the electret of Polystyrene/C 60 blend films. Organic Electronics, 2017, 44, 247-252.	1.4	15
1730	Effect of molecular weight on conformational characteristics of poly(3-hexyl thiophene). Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 1273-1277.	2.4	15
1731	Self-assembled nanoparticles based on a cationic conjugated polymer/hyaluronanâ€“cisplatin complex as a multifunctional platform for simultaneous tumor-targeting cell imaging and drug delivery. New Journal of Chemistry, 2017, 41, 4998-5006.	1.4	15
1732	Pyridine linked fluorene hybrid bipolar host for blue, green, and orange phosphorescent organic light-emitting diodes toward solution processing. Journal of Materials Chemistry C, 2017, 5, 11937-11946.	2.7	15
1733	Nitrogen-doped star-shaped polycyclic aromatic hydrocarbons based on fused triazatruxenes: synthesis and optoelectronic properties. New Journal of Chemistry, 2017, 41, 13619-13624.	1.4	15
1734	Optical properties and mechanofluorochromism of new BODIPY dyes based on the pyridineâ€“pyrimidine hybrid structure. Dalton Transactions, 2017, 46, 10332-10338.	1.6	15
1735	Zero- and two-dimensional hybrid carbon phosphors for high colorimetric purity white light-emission. Nanoscale, 2018, 10, 4189-4193.	2.8	15
1736	Construction of benzothiazole/pyridone based bi-heterocyclic dyes and their NiII and CuII complexes. Dyes and Pigments, 2018, 149, 796-803.	2.0	15
1737	Polymer-Assisted Single Crystal Engineering of Organic Semiconductors To Alter Electron Transport. ACS Applied Materials & Interfaces, 2018, 10, 11837-11842.	4.0	15
1738	Phenylquinoline fused cyclic derivatives as electron acceptors of exciplex forming hosts for solution-processable red phosphorescent OLEDs. Journal of Materials Chemistry C, 2018, 6, 8035-8041.	2.7	15
1739	Efficient non-doped blue phosphorescent organic light-emitting devices by incorporating Ag-island nanostructures. Organic Electronics, 2018, 58, 25-32.	1.4	15
1740	Synthesis, characterization and charge storage properties of Ï€-biindolo[2,3-b]quinoxaline for solution-processing organic transistor memory. Dyes and Pigments, 2019, 167, 255-261.	2.0	15
1741	A Universal Strategy for Stretchable Polymer Nonvolatile Memory via Tailoring Nanostructured Surfaces. Scientific Reports, 2019, 9, 10337.	1.6	15
1742	Nitrogen Boosts Defective Vanadium Oxide from Semiconducting to Metallic Merit. Small, 2019, 15, e1900583.	5.2	15
1743	Fabrication of (4, 10) and (4, 12)-Connected Multifunctional Zirconium Metalâ€“Organic Frameworks for the Targeted Adsorption of a Guest Molecule. Inorganic Chemistry, 2020, 59, 695-704.	1.9	15
1744	Stability and Phase Transition of Metastable Black Arsenic under High Pressure. Journal of Physical Chemistry Letters, 2020, 11, 93-98.	2.1	15
1745	Intrinsic mechanical properties of the polymeric semiconductors. Journal of Materials Chemistry C, 2020, 8, 11631-11637.	2.7	15
1746	Sodium pyruvate as a peroxide scavenger in aerobic oxidation under carbene catalysis. Green Chemistry, 2020, 22, 6819-6826.	4.6	15

#	Article	IF	Citations
1747	Solution-Processable 2D Polymer/Graphene Oxide Heterostructure for Intrinsic Low-Current Memory Device. ACS Applied Materials & Interfaces, 2020, 12, 51729-51735.	4.0	15
1748	Tailoring Component Interaction for Airâ€Processed Efficient and Stable Allâ€Inorganic Perovskite Photovoltaic. Angewandte Chemie, 2020, 132, 13456-13463.	1.6	15
1749	Photoluminescence Emission during Photoreduction of Graphene Oxide Sheets as Investigated with Single-Molecule Microscopy. Journal of Physical Chemistry C, 2020, 124, 7914-7921.	1.5	15
1750	Multifunctional Polymer Memory via Biâ€Interfacial Topography for Pressure Perception Recognition. Advanced Science, 2020, 7, 1902864.	5.6	15
1751	Imparting Boron Nanosheets with Ambient Stability through Methyl Group Functionalization for Mechanistic Investigation of Their Lithiation Process. ACS Applied Materials & Interfaces, 2020, 12, 23370-23377.	4.0	15
1752	Defect Origin of Emission in CsCu₂I₃ and Pressure-Induced Anomalous Enhancement. Journal of Physical Chemistry Letters, 2021, 12, 317-323.	2.1	15
1753	Time-resolved analysis of photoluminescence at a single wavelength for ratiometric and multiplex biosensing and bioimaging. Chemical Science, 2021, 12, 11020-11027.	3.7	15
1754	3D-conductive pathway written on leather for highly sensitive and durable electronic whisker. Journal of Materials Chemistry C, 2020, 8, 9748-9754.	2.7	15
1755	Constructing stable phenalenyl-based neutral radicals: a theoretical study. Journal of Materials Chemistry C, 2020, 8, 12224-12230.	2.7	15
1756	Electrospray as a Fabrication Tool in Organic Photovoltaics. Reviews in Nanoscience and Nanotechnology, 2012, 1, 172-186.	0.4	15
1757	Stiffness Engineering of Ti₃C₂T_X MXeneâ€Based Skinâ€Inspired Pressure Sensor with Broadâ€Range Ultrasensitivity, Low Detection Limit, and Gas Permeability. Advanced Materials Interfaces, 2022, 9, .	1.9	15
1758	Novel deep blue fluorescent fluorene-based copolymer containing hole-transporting arylamine segments. Thin Solid Films, 2002, 417, 206-210.	0.8	14
1759	Ytterbium doped heavy metal oxide glasses with high emission cross-section. Journal of Alloys and Compounds, 2005, 398, 170-172.	2.8	14
1760	Fabrication of europium complexes with 4â€²-(4-methylphenyl)-2,2â€²:6â€²,2â€³-terpyridine and 4,4â€²-dinonyl-2,2â€²-dipyridyl at the airâ€“water interface and their emission properties in Langmuirâ€“Blodgett films. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 273, 29-34.	2.3	14
1761	Efficient red organic light-emitting diodes based on a dinuclear europium complex. Optical Materials, 2007, 29, 1514-1517.	1.7	14
1762	Rod-like pyreneâ€“perylene bisimide molecular triads: Synthesis and photophysical properties. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 211, 115-122.	2.0	14
1763	Nitrogen-doped carbon nanotube/polyaniline composite: Synthesis, characterization, and its application to the detection of dopamine. Science China Chemistry, 2011, 54, 1615-1621.	4.2	14
1764	Facile synthesis and self-assembly of diazafluorenone-based pâ€“n (donorâ€“acceptor) organic semiconductors. Tetrahedron, 2012, 68, 8216-8221.	1.0	14

#	Article	IF	Citations
1765	Efficient, color-stable flexible white top-emitting organic light-emitting diodes. Organic Electronics, 2013, 14, 3037-3045.	1.4	14
1766	Isolated large Ï€ systems in pyreneâ€“fluorene derivatives for intramolecular through-space interaction in organic semiconductors. Organic Electronics, 2013, 14, 782-789.	1.4	14
1767	Bottomâ€up Synthesis of Nanoscale Conjugationâ€Interrupted Frameworks and Their Electrical Properties. Small, 2013, 9, 3218-3223.	5.2	14
1768	Synthesis of polyaniline/Au composite nanotubes and their high performance in the detection of NADH. Journal of Solid State Electrochemistry, 2014, 18, 1717-1723.	1.2	14
1769	Pure and Stable Top-Emitting White Organic Light-Emitting Diodes Utilizing Heterojunction Blue Emission Layers and Wide-Angle Interference. ACS Applied Materials & Interfaces, 2014, 6, 5273-5280.	4.0	14
1770	Effect of Nd substitution for Ca on crystal structure, optical and magnetic properties of multiferroic Bi0.9Ca0.1FeO3. Journal of Alloys and Compounds, 2015, 635, 272-277.	2.8	14
1771	Efficient amplified spontaneous emission from oligofluorene-pyrene starbursts with improved electron affinity property. Optics Express, 2015, 23, A465.	1.7	14
1772	Construction of Identical [2 + 2] Schiff-Base Macrocyclic Ligands by Ln^{III} and Zn^{II} Template Ions Including Efficient Yb^{III} Near-Infrared Sensitizers. Inorganic Chemistry, 2015, 54, 5295-5300.	1.9	14
1773	One-pot synthesis of benzoxaborole derivatives from the palladium-catalyzed cross-coupling reaction of alkoxydiboron with unprotected o-bromobenzylalcohols. Organic and Biomolecular Chemistry, 2015, 13, 11362-11368.	1.5	14
1774	Strong nonlinear optical phosphorescence from water-soluble polymer dots: Towards the application of two-photon bioimaging. Dyes and Pigments, 2015, 123, 218-221.	2.0	14
1775	Poly(3,4-ethylenedioxythiophene):sulfonated acetone-formaldehyde: preparation, characterization and performance as a hole injection material. Journal of Materials Chemistry C, 2016, 4, 8077-8085.	2.7	14
1776	Piâ€Extended Diindoleâ€Fused Azapentacenone: Synthesis, Characterization, and Photophysical and Lithiumâ€Storage Properties. Chemistry - an Asian Journal, 2016, 11, 1382-1387.	1.7	14
1777	Efficient blue organic light-emitting devices based on solution-processed starburst macromolecular electron injection layer. Journal of Luminescence, 2016, 170, 50-55.	1.5	14
1778	Ruthenium‐Functionalized Hierarchical Carbon Nanocages as Efficient Catalysts for Li–O₂ Batteries. ChemNanoMat, 2017, 3, 415-419.	1.5	14
1779	Orthogonal solubility in fully conjugated donor-acceptor block copolymers: Compatibilizers for polymer/fullerene bulk-heterojunction solar cells. Chinese Journal of Polymer Science (English) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.0	14
1780	Two bipolar blue-emitting fluorescent materials based on 1,3,5-triazine and peripheral pyrene for organic light-emitting diodes. Dyes and Pigments, 2017, 145, 43-53.	2.0	14
1781	Ladder-type nonacyclic indacenodithieno[3,2-b]indole for highly efficient organic field-effect transistors and organic photovoltaics. Journal of Materials Chemistry C, 2017, 5, 8988-8998.	2.7	14
1782	Access to Enantioenriched Organosilanes from Enals and Î²-Silyl Enones: Carbene Organocatalysis. Angewandte Chemie, 2018, 130, 4684-4688.	1.6	14

#	Article	IF	Citations
1783	Cyclometalated Pt complex based random terpolymers as electron acceptors for all polymer solar cells. Journal of Polymer Science Part A, 2018, 56, 105-115.	2.5	14
1784	Carbazole/phenylpyridine hybrid compound as dual role of efficient host and ligand of iridium complex: Well matching of host-dopant for solution-processed green phosphorescent OLEDs. Dyes and Pigments, 2018, 150, 130-138.	2.0	14
1785	Annealing Solution-Processed CuSCN Hole Injection Layer for Blue Phosphorescent Organic Light-Emitting Diodes with Extremely Low Efficiency Roll-Off. ACS Sustainable Chemistry and Engineering, 2018, 6, 17178-17183.	3.2	14
1786	Square Knot Resonator-Based Compact Bending Sensor. IEEE Photonics Technology Letters, 2018, 30, 1649-1652.	1.3	14
1787	Simple fluorene oxadiazole-based Ir(<scp>iii</scp>) complexes with AIPE properties: synthesis, explosive detection and electroluminescence studies. Dalton Transactions, 2019, 48, 13305-13314.	1.6	14
1788	A novel structure of grid spirofluorene: a new organic semiconductor with low reorganization energy. New Journal of Chemistry, 2019, 43, 7790-7796.	1.4	14
1789	Sequential Ligand Exchange of Coordination Polymers Hybridized with In Situ Grown and Aligned Au Nanowires for Rapid and Selective Gas Sensing. ACS Applied Materials & Interfaces, 2019, 11, 13624-13631.	4.0	14
1790	Stable, Efficient Near-Infrared Light-Emitting Diodes Enabled by Î±/Î´ Phase Modulation. Journal of Physical Chemistry Letters, 2019, 10, 2101-2107.	2.1	14
1791	A reversible fluorescent probe for directly monitoring protein-small molecules interaction utilizing vibration-induced emission. Dyes and Pigments, 2019, 163, 425-432.	2.0	14
1792	Recent nanosheet-based materials for monovalent and multivalent ions storage. Energy Storage Materials, 2020, 25, 382-403.	9.5	14
1793	Evoking non-bonding S-Ï€ interaction by aryl phosphine sulfide for selectively enhanced electronic property of organic semiconductors. Chemical Engineering Journal, 2020, 380, 122562.	6.6	14
1794	Nanogridarene: A Rising Nanomolecular Integration Platform of Organic Intelligence. Chinese Journal of Chemistry, 2020, 38, 103-105.	2.6	14
1795	Highly thermal-stable perylene-bisimide small molecules as efficient electron-transport materials for perovskite solar cells. Journal of Materials Chemistry C, 2020, 8, 14773-14781.	2.7	14
1796	Aqueous synthesis of PEGylated Ag2S quantum dots and their inÂvivo tumor targeting behavior. Biochemical and Biophysical Research Communications, 2020, 529, 930-935.	1.0	14
1797	A novel fluorogenic probe for visualizing the hydrogen peroxide in Parkinsonâ€™s disease models. Journal of Innovative Optical Health Sciences, 2020, 13, .	0.5	14
1798	Rational design of near-infrared platinum(<scp>ii</scp>)-acetylide conjugated polymers for photoacoustic imaging-guided synergistic phototherapy under 808 nm irradiation. Journal of Materials Chemistry B, 2020, 8, 7356-7364.	2.9	14
1799	Reconfigurable Optical Magnetometer for Static and Dynamic Fields. Advanced Optical Materials, 2021, 9, 2001574.	3.6	14
1800	A stable and ultrafast K ion storage anode based on phase-engineered MoSe₂. Chemical Communications, 2021, 57, 3885-3888.	2.2	14

#	Article	IF	Citations
1801	The Jahn-Teller Effect for Amorphization of Molybdenum Trioxide towards High-Performance Fiber Supercapacitor. Research, 2021, 2021, 6742715.	2.8	14
1802	Recent Advances in Multiâ€Layer Lightâ€Emitting Heterostructure Transistors. Small, 2021, 17, e2007661.	5.2	14
1803	Tunable NIR Absorption Property of a Dithiolene Nickel Complex: A Promising NIR-II Absorption Material for Photothermal Therapy. ACS Applied Bio Materials, 2021, 4, 4406-4412.	2.3	14
1804	Achieving Organic Smart Fluorophores by Controlling the Balance between Intermolecular Interactions and External Stimuli. ACS Applied Materials & Interfaces, 2021, 13, 27491-27499.	4.0	14
1805	Rational design of high performance nanotheranostics for NIR-II fluorescence/magnetic resonance imaging guided enhanced phototherapy. Biomaterials Science, 2021, 9, 3499-3506.	2.6	14
1806	The Strategies of Pathogen-Oriented Therapy on Circumventing Antimicrobial Resistance. Research, 2020, 2020, 2016201.	2.8	14
1807	Near-Infrared-II Fluorescence Probes Based on Organic Small Molecules. Acta Chimica Sinica, 2020, 78, 901.	0.5	14
1808	Gridizationâ€Driven Mesoscale Selfâ€Assembly of Conjugated Nanopolymers into Luminescenceâ€Anisotropic Photonic Crystals. Advanced Materials, 2022, 34, e2109399.	11.1	14
1809	Deep level defects passivated by small molecules for the enhanced efficiency and stability of inverted perovskite solar cells. Journal of Materials Chemistry C, 2022, 10, 5922-5928.	2.7	14
1810	Room temperature Coulomb staircase on pure and uniform surface-capped gold nanoparticles. Chemical Physics Letters, 1998, 287, 47-52.	1.2	13
1811	In SituUPS Study of the Formation of FeSi Films fromcis-Fe(SiCl3)2(CO)4â€. Organometallics, 1998, 17, 5825-5829.	1.1	13
1812	Deposition of Well-Defined Fluoropolymer Nanospheres on PET Substrate by Plasma Polymerization of Heptadecafluorodecyl Acrylate and Their Potential Application as a Protective Layer. Plasma Processes and Polymers, 2005, 2, 127-135.	1.6	13
1813	Progress in long wavelength emission in fluorene-based electroluminescent blue materials. Science in China Series B: Chemistry, 2008, 51, 497-520.	0.8	13
1814	A near-infrared phosphorescent probe for Fâ˜ based on a cationic iridium(III) complex with triarylboron moieties. Science China Chemistry, 2011, 54, 1750-1758.	4.2	13
1815	Synthesis of Graphene by Chemical Vapor Deposition: Effect of Growth Conditions. Journal of Nanoscience and Nanotechnology, 2013, 13, 6471-6484.	0.9	13
1816	Coordination polymers assembled from semirigid fluorene-based ligand: A couple of enantiomers. Journal of Solid State Chemistry, 2015, 231, 47-52.	1.4	13
1817	Development of Twoâ€Channel Phosphorescent Coreâ€“Shell Nanoprobe for Ratiometric and Timeâ€Resolved Luminescence Imaging of Intracellular Oxygen Levels. Particle and Particle Systems Characterization, 2015, 32, 48-53.	1.2	13
1818	Synthesis, characterization, energy transfer and photophysical properties of ethynyl bridge linked porphyrinâ€“naphthalimide pentamer and its metal complexes. Journal of Molecular Structure, 2015, 1094, 1-8.	1.8	13

#	Article	IF	Citations
1819	Two Symmetrically Bisâ€substituted Pyrene Derivatives: Synthesis, Photoluminescence, and Electroluminescence. Chinese Journal of Chemistry, 2015, 33, 967-973.	2.6	13
1820	Semitransparent inverted organic solar cell with improved absorption and reasonable transparency perception based on the nanopatterned MoO 3 / Ag / MoO 3 anode. Journal of Nanophotonics, 2015, 9, 093043.	0.4	13
1821	Omnidirectional and broadband optical absorption enhancement in small molecule organic solar cells by a patterned MoO3/Ag/MoO3 transparent anode. Optics Communications, 2015, 338, 226-232.	1.0	13
1822	A novel electrochemical biosensor for detection of cholesterol. Russian Journal of Electrochemistry, 2016, 52, 239-244.	0.3	13
1823	Shape uniformity control of metalâ€“organic framework nanodisks via surfactant and substrate synergetic scissoring effects and their fluorescence sensing properties. CrystEngComm, 2016, 18, 4830-4835.	1.3	13
1824	Dâ€“A conjugated polymers based on thieno[3,2-b]indole (TI) and 2,1,3-benzodiathiazole (BT) derivatives: synthesis, characterization and side-chain influence on photovoltaic properties. RSC Advances, 2016, 6, 45873-45883.	1.7	13
1825	A bipolar macrospirocyclic oligomer based on triphenylamine and 4,5-diazafluorene as a solution-processable host for blue phosphorescent organic light-emitting diodes. Dyes and Pigments, 2016, 134, 348-357.	2.0	13
1826	Vanadium Carbide Based Composite for High Performance Oxygen Reduction Reaction and Lithium Ion Batteries. ChemistrySelect, 2016, 1, 2682-2686.	0.7	13
1827	Improving Efficiency of Blue Organic Light-Emitting Diode with Sulfobutylated Lignin Doped PEDOT as Anode Buffer Layer. ACS Sustainable Chemistry and Engineering, 2016, 4, 2004-2011.	3.2	13
1828	Study of Karstedt's Catalyst for Hydrosilylation of a Wide Variety of Functionalized Alkenes with Triethoxysilane and Trimethoxysilane. Chinese Journal of Chemistry, 2017, 35, 1227-1230.	2.6	13
1829	Carbazole/oligofluorene end-capped hexanes: solution-processable host materials for phosphorescent organic light-emitting diodes. Journal of Materials Chemistry C, 2017, 5, 4442-4447.	2.7	13
1830	Fluorescent Poly(glycerol-co-sebacate) Acrylate Nanoparticles for Stem Cell Labeling and Longitudinal Tracking. ACS Applied Materials & Interfaces, 2017, 9, 9528-9538.	4.0	13
1831	Insights into the growth mechanism of REF₃ (RE = Laâ€“Lu, Y) nanocrystals: hexagonal and/or orthorhombic. Nanoscale, 2017, 9, 15974-15981.	2.8	13
1832	Two-step reprecipitation method with size and zeta potential controllability for synthesizing semiconducting polymer nanoparticles. Colloid and Polymer Science, 2017, 295, 1153-1164.	1.0	13
1833	A ferroceneâ©europium assembly showing phototriggered anticancer activity and fluorescent modality imaging. Dalton Transactions, 2018, 47, 1479-1487.	1.6	13
1834	Systematically tuning of optoelectronic properties from electron donating to accepting substituents on bicarbazole/cyanobenzene hybrids: Host to dopant materials for phosphorescent and delayed fluorescence OLEDs. Organic Electronics, 2018, 52, 22-31.	1.4	13
1835	Enhanced open circuit voltage of small molecule acceptors containing angular-shaped indacenodithiophene units for P3HT-based organic solar cells. Journal of Materials Chemistry C, 2018, 6, 12347-12354.	2.7	13
1836	Micro-supercapacitors based on oriented coordination polymer thin films for AC line-filtering. RSC Advances, 2018, 8, 30624-30628.	1.7	13

#	Article	IF	Citations
1837	Exploring side-chain length effect on Î²-phase of polyfluorene derivatives in electrospinning and their optical behavior. Polymer, 2018, 153, 338-343.	1.8	13
1838	Interfacial engineering of graphene for highly efficient blue and white organic light-emitting devices. Scientific Reports, 2018, 8, 8155.	1.6	13
1839	Towards efficient perovskite light-emitting diodes: A multi-step spin-coating method for a dense and uniform perovskite film. Organic Electronics, 2018, 61, 18-24.	1.4	13
1840	Heteroatom-Containing Organic Molecule for Two-Photon Fluorescence Lifetime Imaging and Photodynamic Therapy. Journal of Physical Chemistry C, 2018, 122, 20945-20951.	1.5	13
1841	Morphology control of organic halide perovskites by adding BiFeO3 nanostructures for efficient solar cell. Scientific Reports, 2019, 9, 15441.	1.6	13
1842	Naphthalene-diimide selenophene copolymers as efficient solution-processable electron-transporting material for perovskite solar cells. Organic Electronics, 2019, 67, 208-214.	1.4	13
1843	Real-time naked-eye recognizable temperature monitoring based on Ho³⁺ (or) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T alteration. Materials Chemistry Frontiers, 2019, 3, 791-795.	3.2	13
1844	Control of Resistive Switching Voltage by Nanoparticleâ€Decorated Wrinkle Interface. Advanced Electronic Materials, 2019, 5, 1800503.	2.6	13
1845	Blue and green emission-transformed fluorescent copolymer: Specific detection of levodopa of anti-Parkinson drug in human serum. Talanta, 2020, 214, 120817.	2.9	13
1846	Immune remodeling triggered by photothermal therapy with semiconducting polymer nanoparticles in combination with chemotherapy to inhibit metastatic cancers. Journal of Materials Chemistry B, 2021, 9, 2613-2622.	2.9	13
1847	Long-Range Ordered Hierarchical Structure Assisted by the Side-Oligoether Network in Light-Emitting Conjugated Polymer for an Efficient Deep-Blue Organic Laser. Chemistry of Materials, 2021, 33, 5326-5336.	3.2	13
1848	Selective inactivation of Gram-positive bacteria in vitro and in vivo through metabolic labelling. Science China Materials, 2022, 65, 237-245.	3.5	13
1849	Ultrapure Blue Phosphorescent Organic Light-Emitting Diodes Employing a Twisted Pt(II) Complex. ACS Applied Materials & Interfaces, 2021, 13, 52833-52839.	4.0	13
1850	Stimulating and Manipulating Robust Circularly Polarized Photoluminescence in Achiral Hybrid Perovskites. Nano Letters, 2022, 22, 3961-3968.	4.5	13
1851	Investigation of the surface structures and dynamics of polyethylene terephthalate (PET) modified by fluorocarbon plasmas. Surface and Interface Analysis, 1999, 28, 16-19.	0.8	12
1852	Poly [9-methyl-9-(4-cyanobutyl)fluorene] Synthesis towards Water-soluble Polyfluorenes. Thin Solid Films, 2000, 363, 332-335.	0.8	12
1853	Cationic phenyl-substituted poly(p-phenylenevinylene) related copolymers with efficient photoluminescence and synthetically tunable emissive colors. Polymer, 2005, 46, 11165-11173.	1.8	12
1854	Efficient electroluminescent tertiary europium(III) Î²-diketonate complex with functional 2,2â€²-bipyridine ligand. Synthetic Metals, 2007, 157, 165-169.	2.1	12

#	Article	IF	Citations
1855	Improved performances in top-emitting organic light-emitting diodes based on a semiconductor zinc oxide buffer layer. Journal of Luminescence, 2008, 128, 1143-1147.	1.5	12
1856	Color tunable organic light-emitting diodes using coumarin dopants. Research on Chemical Intermediates, 2008, 34, 249-256.	1.3	12
1857	A class of fascinating optoelectronic materials: Triarylboron compounds. Science China Chemistry, 2010, 53, 1235-1245.	4.2	12
1858	Proton-transfer supramolecular salts resulting from 3,5-dinitrobenzoic acid and aminomethyl pyridine. New Journal of Chemistry, 2012, 36, 1884.	1.4	12
1859	Solution-processed white organic light-emitting diodes with mixed-host structures. Journal of Luminescence, 2012, 132, 697-701.	1.5	12
1860	Diarylfluorenes-based Ï€-stacked molecules: synthesis, X-ray crystallography, and supramolecular light-emitting devices. Tetrahedron, 2013, 69, 6317-6322.	1.0	12
1861	Oligo(p-phenyleneethynylene) embedded amphiphiles: synthesis, photophysical properties and self-assembled nanoparticles with high structural stability and photostability for cell imaging. Polymer Chemistry, 2014, 5, 5598.	1.9	12
1862	Cost-effective synthesis of Î±-carboline/pyridine hybrid bipolar host materials with improved electron-transport ability for efficient blue phosphorescent OLEDs. RSC Advances, 2015, 5, 65481-65486.	1.7	12
1863	Photo-induced storage and mask-free arbitrary micro-patterning in solution-processable and simple-structured photochromic organic light-emitting diodes. Organic Electronics, 2015, 26, 476-480.	1.4	12
1864	Novel phosphorescent iridium(iii) complexes containing 2-thienyl quinazoline ligands: synthesis, photophysical properties and theoretical calculations. RSC Advances, 2015, 5, 97841-97848.	1.7	12
1865	Molecular rearrangement at charged states: Intrinsic effects upon photo and electroluminescence. Dyes and Pigments, 2015, 113, 529-535.	2.0	12
1866	Solution processed single-emissive-layer white organic light-emitting diodes based on fluorene host: Balanced consideration for color quality and electroluminescent efficiency. Organic Electronics, 2016, 33, 235-245.	1.4	12
1867	Thickness Dependence of Carrier Mobility and the Interface Trap Free Energy Investigated by Impedance Spectroscopy in Organic Semiconductors. Journal of Physical Chemistry C, 2016, 120, 17184-17189.	1.5	12
1868	Direct Câ€“H arylation for various Ar-cored diketopyrrolopyrrole containing small molecules in solution-processed field-effect transistors. RSC Advances, 2016, 6, 57163-57173.	1.7	12
1869	Analysis of temperature-dependent electrical transport properties of nonvolatile organic field-effect transistor memories based on PMMA film as charge trapping layer. Journal Physics D: Applied Physics, 2016, 49, 125104.	1.3	12
1870	Macrocyclic Se₄N₂[7,7]ferrocenophane and Se₂N[10]ferrocenophane containing benzyl unit: synthesis, complexation, crystal structures, electrochemical and optical properties. Dalton Transactions, 2016, 45, 3417-3428.	1.6	12
1871	Graphene Oxide Scroll Meshes Prepared by Molecular Combing for Transparent and Flexible Electrodes. Advanced Materials Technologies, 2017, 2, 1600231.	3.0	12
1872	First-principles prediction of Tl/SiC for valleytronics. Journal of Materials Chemistry C, 2017, 5, 10427-10433.	2.7	12

#	Article	IF	Citations
1873	Highâ€Performance Allâ€Aryl Phenazasilines via Metalâ€Free Radicalâ€Mediated Cï£¿H Silylation for Organic Lightâ€Emitting Diodes. Advanced Optical Materials, 2018, 6, 1701105.	3.6	12
1874	Multiplexed Biomolecular Arrays Generated via Parallel Dip-Pen Nanolithography. ACS Applied Materials & Interfaces, 2018, 10, 25121-25126.	4.0	12
1875	Conjugated Nanopolymer Based on a Nanogrid: Approach toward Stable Polyfluorene-Type Fluorescent Emitter for Blue Polymer Light-Emitting Diodes. ACS Applied Polymer Materials, 2019, 1, 2441-2449.	2.0	12
1876	Cyclopropanation of Fluorinated Sulfur Ylides with 1â€Azadienes: Facile Synthesis of CF 3 â€Substituted Spiro Scaffolds. Asian Journal of Organic Chemistry, 2019, 8, 2175-2179.	1.3	12
1877	Ultrasensitive detection of transcription factors with a highly-efficient diaminoterephthalate fluorophore via an electrogenerated chemiluminescence strategy. Chemical Communications, 2019, 55, 11892-11895.	2.2	12
1878	Solution processed nano-ZnMgO interfacial layer for highly efficient inverted perovskite solar cells. Journal of Energy Chemistry, 2019, 28, 107-110.	7.1	12
1879	Resonance hosts for high efficiency solution-processed blue and white electrophosphorescent devices. Science China Chemistry, 2020, 63, 1645-1651.	4.2	12
1880	Supramolecular organic frameworks with ultralong phosphorescence via breaking Ï€-Conjugated structures. Giant, 2020, 1, 100007.	2.5	12
1881	Nonâ€Conjugated Polymer Based on Polyethylene Backbone as Dopantâ€Free Holeâ€Transporting Material for Efficient and Stable Inverted Quasiâ€2D Perovskite Solar Cells. Solar Rrl, 2020, 4, 2000184.	3.1	12
1882	Non-fullerene small molecule acceptors with three-dimensional thiophene/selenophene-annulated perylene diimides for efficient organic solar cells. Journal of Materials Chemistry C, 2020, 8, 6749-6755.	2.7	12
1883	Tuning optical properties of monolayer MoS2 through the 0D/2D interfacial effect with C60 nanoparticles. Applied Surface Science, 2020, 523, 146371.	3.1	12
1884	Work Function-Tunable Graphene-Polymer Composite Electrodes for Organic Light-Emitting Diodes. ACS Applied Energy Materials, 2020, 3, 4068-4077.	2.5	12
1885	Low Threshold Amplified Spontaneous Emission from Efficient Energy Transfer in Blends of Conjugated Polymers. Journal of Physical Chemistry C, 2020, 124, 8576-8583.	1.5	12
1886	Diarylfluorene Flexible Pendant Functionalization of Polystyrene for Efficient and Stable Deep-Blue Polymer Light-Emitting Diodes. Macromolecules, 2021, 54, 6525-6533.	2.2	12
1887	Rare-earth Doped Nanoparticles with Narrow NIR-II Emission for Optical Imaging with Reduced Autofluorescence. Chemical Research in Chinese Universities, 2021, 37, 943-950.	1.3	12
1888	A Bioâ€Inspired Molecular Design Strategy toward 2D Organic Semiconductor Crystals with Superior Integrated Optoelectronic Properties. Small, 2021, 17, e2102060.	5.2	12
1889	Photothermally Responsive Conjugated Polymeric Singlet Oxygen Carrier for Phase Change-Controlled and Sustainable Phototherapy for Hypoxic Tumor. Research, 2020, 2020, 5351848.	2.8	12
1890	Structural Manipulation and Triboluminescence of Tetrahalomanganese(â…¡) Complexes. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2020, 36, 1907078-0.	2.2	12

#	Article	IF	Citations
1891	Research Progress of Non-Fullerene Small-Molecule Acceptor Materials for Organic Solar Cells. Acta Chimica Sinica, 2014, 72, 158.	0.5	12
1892	Conjugated Regulation of Phosphorescent Iridium (III) Complex Constructed from Spiro Ligand and Its Electroluminescent Performances. Acta Chimica Sinica, 2020, 78, 56.	0.5	12
1893	Programmable patterned MoS2 film by direct laser writing for health-related signals monitoring. IScience, 2021, 24, 103313.	1.9	12
1894	Perovskite photodetectors for flexible electronics: Recent advances and perspectives. Applied Materials Today, 2022, 28, 101509.	2.3	12
1895	Desymmetrization of N-Cbz glutarimides through N-heterocyclic carbene organocatalysis. Nature Communications, 2022, 13, .	5.8	12
1896	Formation of FeSi and FeSi2 films from cis-Fe(SiCl3)2(CO)4 by MOCVD â€“precursor versus substrate control. Inorganica Chimica Acta, 1999, 291, 380-387.	1.2	11
1897	Intense green light from a silyl-substituted poly(p-phenylenevinylene)-based light-emitting diode with air-stable cathode. Physical Chemistry Chemical Physics, 1999, 1, 3789-3792.	1.3	11
1898	Synthesis, spectroscopy, and electrochemical properties of a novelpâ€“n diblock poly(p-phenylenevinylene)-related copolymercontaining bipyridine. Polymer, 2001, 42, 3949-3952.	1.8	11
1899	Effect of precursor solutions with different composition on synthesis of ultrafine BaLa0.3Fe11.7O19using sol-gel auto-combustion technique. Journal of Materials Science, 2004, 39, 987-991.	1.7	11
1900	Photophysical properties and morphology of fluorene-alt-benzene based conjugated polymers. Polymers for Advanced Technologies, 2006, 17, 544-551.	1.6	11
1901	Synthesis and characterization of a novel water-soluble block copolymer with a rodâ€“coil structure. Materials Letters, 2006, 60, 679-684.	1.3	11
1902	High-efficiency blue-emitting organic light-emitting devices with 4, 4â€², 4â€³-tris(N-carbazolyl)-triphenylamine as the hole/exciton-blocking layer. Journal Physics D: Applied Physics, 2006, 39, 4987-4991.	1.3	11
1903	Polyâ€(pâ€phenylene vinylenes) with pendent 2,4â€difluorophenyl and fluorenyl moieties: Synthesis, characterization, and device performance. Journal of Polymer Science Part A, 2009, 47, 2500-2508.	2.5	11
1904	Electronic transport characteristics in silicon nanotube field-effect transistors. Physica E: Low-Dimensional Systems and Nanostructures, 2011, 43, 1655-1658.	1.3	11
1905	First principles study of anti-ReO3 type Cu3N and Sc-doped Cu3N on structural, elastic and electronic properties. Computational and Theoretical Chemistry, 2013, 1018, 71-76.	1.1	11
1906	Chemical vapor deposition of amorphous graphene on ZnO film. Synthetic Metals, 2013, 174, 50-53.	2.1	11
1907	Improving working lifetime and efficiency of phosphor doped organic light-emitting diodes. Optics Express, 2013, 21, 17020.	1.7	11
1908	Synthesis, characterization and properties of covalently linked porphyrinâ€“naphthalimide pentamer and its metal complexes. Journal of Molecular Structure, 2014, 1074, 687-694.	1.8	11

#	Article	IF	Citations
1909	White Electroluminescence with Simultaneous Threeâ€Color Emission from a Fourâ€Armed Starâ€Shaped Singleâ€Polymer System. Chinese Journal of Chemistry, 2015, 33, 873-880.	2.6	11
1910	Ni_{0.33}Co_{0.66}(OH)F hollow hexagons woven by MWCNTs for high-performance lithium-ion batteries. Journal of Materials Chemistry A, 2015, 3, 20690-20697.	5.2	11
1911	A Rapid Synthesis of High Aspect Ratio Silver Nanowires for Highâ€Performance Transparent Electrodes. Chinese Journal of Chemistry, 2015, 33, 147-151.	2.6	11
1912	Nonequilibrium Ti⁴⁺ Doping Significantly Enhances the Performance of Fe₂O₃ Photoanodes by Quenching. ChemNanoMat, 2016, 2, 652-655.	1.5	11
1913	Novel hyperbranched polymers as host materials for green thermally activated delayed fluorescence OLEDs. Chinese Journal of Polymer Science (English Edition), 2017, 35, 490-502.	2.0	11
1914	An unusual photoconductive property of polyiodide and enhancement by catenating with 3-thiophenemethylamine salt. Chemical Communications, 2017, 53, 432-435.	2.2	11
1915	Photocontrollable fluorogenic probes for visualising near-membrane copper(<scp>ii</scp>) in live cells. RSC Advances, 2017, 7, 31093-31099.	1.7	11
1916	Impact of Fluorine Atoms on Perylene Diimide Derivative for Fullereneâ€Free Organic Photovoltaics. Chemistry - an Asian Journal, 2017, 12, 2052-2056.	1.7	11
1917	A Macrospirocyclic Carbazoleâ€“Fluorene Oligomer as a Solution-Processable Matrix Host Material for Blue Phosphorescent Organic Light-Emitting Diodes with Low Turn-On Voltage and Efficiency Roll-Off. Journal of Physical Chemistry C, 2017, 121, 8692-8702.	1.5	11
1918	High-Performance and Hysteresis-Free Planar Solar Cells with PC₇₁BM and C₆₀ Composed Structure Prepared Irrespective of Humidity. ACS Sustainable Chemistry and Engineering, 2017, 5, 9718-9724.	3.2	11
1919	Synthesis and Application of Perylene-Embedded Benzoazoles for Small-Molecule Organic Solar Cells. Organic Letters, 2018, 20, 6376-6379.	2.4	11
1920	Conjugated Polymer Brush Based on Poly(<scp>l</scp>-lysine) with Efficient Ovalbumin Delivery for Dendritic Cell Vaccine. ACS Applied Bio Materials, 2018, 1, 1972-1982.	2.3	11
1921	Self-Assembly Rules of Dumbbell-Shaped Molecules and Their Effect on Morphology and Photophysical Behaviors of Micro/Nanocrystals. Crystal Growth and Design, 2018, 18, 4822-4828.	1.4	11
1922	Hybrid fluorophores-based fluorogenic paper device for visually high-throughput detection of Cu2+ in real samples. Dyes and Pigments, 2019, 170, 107639.	2.0	11
1923	Facile brush-coated Î²-phase poly(9,9-dioctylfluorene) films for efficient and stable pure-blue polymer light-emitting diodes. Organic Electronics, 2019, 75, 105380.	1.4	11
1924	Regioisomerism effect (RIE) on optimizing ultralong organic phosphorescence lifetimes. Chinese Chemical Letters, 2019, 30, 1974-1978.	4.8	11
1925	Supramolecular steric hindrance effect on morphologies and photophysical behaviors of spirocyclic aromatic hydrocarbon nanocrystals. Nanoscale, 2019, 11, 5158-5162.	2.8	11
1926	Over 10% Efficient CuIn(S,Se)₂ Solar Cells Fabricated From Environmentally Benign Solution in Air. Solar Rrl, 2019, 3, 1900052.	3.1	11

#	Article	IF	Citations
1927	Half-metal to magnetic semiconductor transition in Mn-doped monolayer Bi2O2Se tuned by strain. Journal of Magnetism and Magnetic Materials, 2019, 480, 73-78.	1.0	11
1928	Bright white-light emission and multicolor outputs in time domain from a core-shell structured microcrystal. Journal of Alloys and Compounds, 2019, 787, 1120-1127.	2.8	11
1929	A transparent paper-based platform for multiplexed bioassays by wavelength-dependent absorbance/transmittance. Analyst, The, 2019, 144, 7157-7161.	1.7	11
1930	Simultaneous and Significant Improvements in Efficiency and Stability of Deepâ€Blue Organic Light Emitting Diodes through Friedelâ€Crafts Arylmethylation of a Fluorophore. ChemPhotoChem, 2020, 4, 321-326.	1.5	11
1931	A novel naphthofluorescein-based probe for ultrasensitive point-of-care testing of zinc(II) ions and its bioimaging in living cells and zebrafishes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 229, 117949.	2.0	11
1932	A photothermally-induced HClO-releasing nanoplatform for imaging-guided tumor ablation and bacterial prevention. Biomaterials Science, 2020, 8, 7145-7153.	2.6	11
1933	Trap-Filling of ZnO Buffer Layer for Improved Efficiencies of Organic Solar Cells. Frontiers in Chemistry, 2020, 8, 399.	1.8	11
1934	Enhanced stability and performance of light-emitting diodes based on in situ fabricated FAPbBr₃ nanocrystals via ligand compensation with n-octylphosphonic acid. Journal of Materials Chemistry C, 2020, 8, 9936-9944.	2.7	11
1935	Hierarchical Uniform Crystalline Nanowires of Wide Bandgap Conjugated Polymer for Light-Emitting Optoelectronic Devices. Cell Reports Physical Science, 2020, 1, 100029.	2.8	11
1936	Solution-Processable Csp³-Annulated Hosts for High-Efficiency Deep Red Phosphorescent OLEDs. ACS Applied Materials & Interfaces, 2020, 12, 33960-33967.	4.0	11
1937	Deepâ€Blue Thiopheneâ€Based Steric Oligomers as a Lowâ€Threshold Laser Gain and Host Material. Advanced Optical Materials, 2020, 8, 1902163.	3.6	11
1938	Asymmetric small organic molecule-based NIR-II fluorophores for high performance tumor phototheranostics. Materials Chemistry Frontiers, 2021, 5, 5689-5697.	3.2	11
1939	Organic Micro-/Nanocrystals of SFX-Based Attractorâ€“Repulsor Molecules with the Feature of Crystal-Induced Luminescence Enhancement. Journal of Physical Chemistry C, 2021, 125, 6249-6259.	1.5	11
1940	Vanadium Oxideâ€Modified Triphenylamineâ€Based Holeâ€Transport Layer for Highly Reproducible and Efficient Inverted Perovskite Solar Cells. Advanced Photonics Research, 2021, 2, 2000132.	1.7	11
1941	Site-Selective Transformation for Preparing Tripod-like NiCo-Sulfides@Carbon Boosts Enhanced Areal Capacity and Cycling Reliability. ACS Applied Materials & Interfaces, 2021, 13, 25316-25324.	4.0	11
1942	A small molecule with a big scissoring effect: sodium dodecyl sulfate working on two-dimensional metalâ€“organic frameworks. CrystEngComm, 2021, 23, 1360-1365.	1.3	11
1943	Centimeterâ€Sized Single Crystal of Twoâ€Dimensional Halide Perovskites Incorporating Straightâ€Chain Symmetric Diammonium Ion for Xâ€Ray Detection. Angewandte Chemie, 2020, 132, 15006-15012.	1.6	11
1944	Mechanisms for selfâ€templating design of micro/nanostructures toward efficient energy storage. Exploration, 2022, 2, .	5.4	11

#	Article	IF	Citations
1945	Enhancement of Photocatalytic Oxidation Activity by Surface-Modified CdS Nanoparticles of High Photostability. Chemistry Letters, 1997, 26, 751-752.	0.7	10
1946	Synthesis and properties of polybisthienylphenylene derivatives as electroluminescent materials: improving of the photoluminescent quantum yields. Acta Polymerica, 1999, 50, 327-331.	1.4	10
1947	Synthesis and characterization of a novel poly(p-phenylenevinylene) derivative carrying an oxadiazole side chain with improved electron affinity. Thin Solid Films, 2000, 363, 106-109.	0.8	10
1948	Novel blue photoluminescent copolymers containing bipyridine and organosilicon. Synthetic Metals, 2000, 114, 101-104.	2.1	10
1949	Synthesis and characterization of novel fluoreneâ€“thiophene-based conjugated copolymers. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2001, 85, 232-235.	1.7	10
1950	Theoretical study of the structure and torsional potential of substituted biphenylenes and their fluorene derivatives. Physical Chemistry Chemical Physics, 2002, 4, 3959-3964.	1.3	10
1951	White Light Electroluminescence from a Dendritic Europium Complex. Chemistry Letters, 2005, 34, 688-689.	0.7	10
1952	Direct laser desorption/ionization time-of-flight mass spectrometry of conjugated polymers. Journal of Mass Spectrometry, 2007, 42, 20-24.	0.7	10
1953	Size-Controllable Enhanced Energy Transfer from an Amphiphilic Conjugatedâ^Ionic Triblock Copolymer to CdTe Quantum Dots in Aqueous Medium. Journal of Physical Chemistry C, 2008, 112, 7278-7283.	1.5	10
1954	Highly improved electroluminescence from double-layer devices based on a carbazole-functionalized europium3+ complex. Applied Physics A: Materials Science and Processing, 2009, 95, 595-600.	1.1	10
1955	Synthesis and Properties of Triphenylamine- and 9-Phenylcarbazole-cored Star-shaped Terfluorenes: Understanding the Effect of Molecular Dimensionality. Chemistry Letters, 2009, 38, 392-393.	0.7	10
1956	Synthesis, characterization and applications of vinylsilafluorene copolymers: New host materials for electroluminescent devices. Science China Chemistry, 2010, 53, 2329-2336.	4.2	10
1957	High-contrast top-emitting organic light-emitting diodes with a Ni/ZnS/CuPc/Ni contrast-enhancing stack and a ZnS anti-reflection layer. Journal Physics D: Applied Physics, 2010, 43, 365101.	1.3	10
1958	Aromatic Molecules Doping in Single-Layer Graphene Probed by Raman Spectroscopy and Electrostatic Force Microscopy. Japanese Journal of Applied Physics, 2010, 49, 01AH04.	0.8	10
1959	Supramolecular Assemblies of Tetrahydroxyloligo(phenyleneethynylene) with Cross-Shaped Side Chains and Its Coadsorption with Diacids on Graphite. Journal of Physical Chemistry C, 2010, 114, 11460-11465.	1.5	10
1960	Macrospirocyclic Oligomers Based on Carbazole and Fluorene. Organic Letters, 2011, 13, 200-203.	2.4	10
1961	The structural, electronic, and optical properties of ladder-type polyheterofluorenes: a theoretical study. Journal of Molecular Modeling, 2012, 18, 4929-4939.	0.8	10
1962	Stable and good color purity white lightâ€emitting devices based on random fluorene/spirofluorene copolymers doped with iridium complex. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 180-188.	2.4	10

#	Article	IF	Citations
1963	Structure optimization of organic planar heterojunction solar cells. Journal Physics D: Applied Physics, 2013, 46, 195105.	1.3	10
1964	Three-dimensional lanthanide metalâ€“organic frameworks with the fluorene-based carboxylate ligands: Syntheses, structures, and properties. Inorganica Chimica Acta, 2014, 413, 38-44.	1.2	10
1965	Fluorene-based hyperbranched copolymers with spiro[3.3]heptane-2,6-dispirofluorene as the conjugation-uninterrupted branching point and their application in WPLEDs. New Journal of Chemistry, 2015, 39, 5977-5983.	1.4	10
1966	Efficient conversion from UV light to near-IR emission in Yb3+-doped triple-layered perovskite CaLaNb3O10. Materials Research Bulletin, 2015, 64, 425-431.	2.7	10
1967	Efficient, high yield perovskite/fullerene planar-heterojunction solar cells via one-step spin-coating processing. RSC Advances, 2016, 6, 48449-48454.	1.7	10
1968	An ultra-low bandgap diketopyrrolopyrrole (DPP)-based polymer with balanced ambipolar charge transport for organic field-effect transistors. RSC Advances, 2016, 6, 78720-78726.	1.7	10
1969	Friedel-Crafts arylmethylation: A simple approach to synthesize bipolar host materials for efficient electroluminescence. Organic Electronics, 2016, 38, 370-378.	1.4	10
1970	A water-soluble conjugated polymer with azobenzol side chains based on â€œturn-onâ€•effect for hypoxic cell imaging. Polymer Chemistry, 2016, 7, 6890-6894.	1.9	10
1971	Detection of trapped charges in the blend films of polystyrene/SFDBAO electrets by electrostatic and Kelvin probe force microscopy. Physical Chemistry Chemical Physics, 2016, 18, 9412-9418.	1.3	10
1972	High-color-quality white electroluminescence and amplified spontaneous emission from a star-shaped single-polymer system with simultaneous three-color emission. Polymer Chemistry, 2017, 8, 851-859.	1.9	10
1973	Highly efficient solution-processed phosphorescent organic light-emitting devices with double-stacked hole injection layers. Journal of Applied Physics, 2017, 122, .	1.1	10
1974	Poly(sodium 4-styrenseulfonate)-modified monolayer graphene for anode applications of organic photovoltaic cells. Applied Physics Letters, 2017, 111, .	1.5	10
1975	Highly Sensitive Fluorometric Turn-On Detection of Lysozyme Based on a Graphene Oxide/ssDNA Assembly. IEEE Sensors Journal, 2017, 17, 5431-5436.	2.4	10
1976	An effective signal amplifying strategy for copper (II) sensing by using in situ fluorescent proteins as energy donor of FRET. Sensors and Actuators B: Chemical, 2018, 259, 633-641.	4.0	10
1977	Cost-effective synthesis of carbazole/triphenylsilyl host materials with multiple Ïƒ-Ï€ conjugation for blue phosphorescent organic light-emitting diodes. Dyes and Pigments, 2018, 151, 187-193.	2.0	10
1978	A Dynamic Heterometalâ€“Organic Rhomboid Exhibiting Thermochromic and Piezochromic Luminescence. Inorganic Chemistry, 2018, 57, 14489-14492.	1.9	10
1979	Organic Synthesis of Ancient Windmillâ€Like Window Nanogrid at Molecular Scale. European Journal of Organic Chemistry, 2018, 2018, 7009-7016.	1.2	10
1980	1,8â€Substituted Pyrene Derivatives for Highâ€Performance Organic Fieldâ€Effect Transistors. Chemistry - an Asian Journal, 2018, 13, 3920-3927.	1.7	10

#	Article	IF	Citations
1981	Two Anthracene-Based Copolymers as the Hole-Transporting Materials for High-Performance Inverted (p-i-n) Perovskite Solar Cells. Macromolecules, 2018, 51, 7407-7416.	2.2	10
1982	A long-cycling anode based on a coral-like Sn nanostructure with a binary binder. Chemical Communications, 2019, 55, 10460-10463.	2.2	10
1983	Asymmetric Synthesis of Enantioenriched 6-Hydroxyl Butyrolactams Promoted by N-Heterocyclic Carbene. Journal of Organic Chemistry, 2019, 84, 10328-10337.	1.7	10
1984	Theoretical Studies on Novel Gridspiroarenes: Structures, Noncovalent Interactions and Reorganization Energies. Chinese Journal of Chemistry, 2019, 37, 915-921.	2.6	10
1985	Mitochondriaâ€Targeted Twoâ€Photon Fluorescent Photosensitizers for Cancer Cell Apoptosis via Spatial Selectability. Advanced Healthcare Materials, 2019, 8, e1900212.	3.9	10
1986	Synthesis of Sulfurâ€Hybridized Pyracylene and the Unexpected Phenyl Shift Mediated Rearrangement of Scholl Reaction. European Journal of Organic Chemistry, 2019, 2019, 3061-3070.	1.2	10
1987	Pentacene derivative/DTTCNQ cocrystals: alkyl-confined mixed heterojunctions with molecular alignment and transport property tuning. Chemical Science, 2019, 10, 11125-11129.	3.7	10
1988	Fastâ€Response Fluorogenic Probe for Visualizing Hypochlorite in Living Cells and in Zebrafish. ChemBioChem, 2019, 20, 831-837.	1.3	10
1989	Highly Efficient Ultrathin Fluorescent OLEDs through Synergistic Sensitization Effects of Phosphor and Exciplex. ACS Applied Electronic Materials, 2020, 2, 3704-3710.	2.0	10
1990	Wide band gap pyromellitic diimides for photo stable n-channel thin film transistors. Journal of Materials Chemistry C, 2020, 8, 7344-7349.	2.7	10
1991	Cocrystal engineering of molecular rearrangement: a â€œturn-onâ€•approach for high-performance N-type organic semiconductors. Journal of Materials Chemistry C, 0, , .	2.7	10
1992	Tunable microstructures of ultralong organic phosphorescence materials. Chemical Communications, 2021, 57, 7276-7279.	2.2	10
1993	Suppressed Oxidation and Photodarkening of Hybrid Tin Iodide Perovskite Achieved with Reductive Organic Small Molecule. ACS Applied Energy Materials, 2021, 4, 4704-4710.	2.5	10
1994	Modulating Triâ€Mode Emission for Singleâ€Component White Organic Afterglow. Angewandte Chemie, 2021, 133, 25188-25194.	1.6	10
1995	V-shaped triazine host featuring intramolecular non-covalent interaction for highly efficient white electroluminescent devices. Chemical Engineering Journal, 2021, 425, 131487.	6.6	10
1996	Tuning crystal orientation and charge transport of quasi-2D perovskites via halogen-substituted benzylammonium for efficient solar cells. Journal of Energy Chemistry, 2022, 66, 205-209.	7.1	10
1997	Near-Infrared-Excitable Organic Ultralong Phosphorescence through Multiphoton Absorption. Research, 2020, 2020, 2904928.	2.8	10
1998	Intrinsically Stretchable and Stable Ultraâ€Deepâ€Blue Fluoreneâ€Based Polymer with a High Emission Efficiency of â‰ˆ90% for Polymer Lightâ€Emitting Devices with a CIE_yÂ= 0.06. Advanced Functional Materials, 2022, 32, 2106564.	7.8	10

#	Article	IF	Citations
1999	3D Steric Bulky Semiconductor Molecules toward Organic Optoelectronic Nanocrystals. , 2021, 3, 1799-1818.		10
2000	Ultrathin Metalâ€“Organic Framework Nanosheets as Nanoâ€Floatingâ€Gate for High Performance Transistor Memory Device. Advanced Functional Materials, 2022, 32, 2110784.	7.8	10
2001	Recent Advances in Metalâ€“Gas Batteries with Carbonâ€Based Nonprecious Metal Catalysts. Small, 2022, 18, e2103747.	5.2	10
2002	NiFeâ„Oâ„ Ferrofluid to Detect Magnetic Field Using Microfiber Interferometry. IEEE Sensors Journal, 2022, 22, 4014-4021.	2.4	10
2003	Cross-Scale Synthesis of Organic High-k Semiconductors Based on Spiro-Gridized Nanopolymers. Research, 2022, 2022, 9820585.	2.8	10
2004	High-performance three-coordinated organoboron emitters for organic light-emitting diodes. Journal of Materials Chemistry C, 2022, 10, 9165-9191.	2.7	10
2005	Synthesis and electronic structure of 1,2-heteroarylethynes: Potential monomers for low bandgap conductive polymers. Tetrahedron, 1997, 53, 13339-13350.	1.0	9
2006	Analysis of bipyridyl-containing conjugated polymers by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2001, 15, 1239-1243.	0.7	9
2007	Synthesis of polyfluorene derivatives through polymer reaction. Optical Materials, 2003, 21, 125-133.	1.7	9
2008	Theoretical Investigation of the Tunable Behavior ofpâ”nCopolymers Based on Oligothiophenes and 1,4-Bis(oxadiazolyl)-benzene. Journal of Physical Chemistry B, 2006, 110, 23750-23755.	1.2	9
2009	New pâ€“n diblock and triblock oligomers: effective tuning of HOMO/LUMO energy levels. Tetrahedron Letters, 2006, 47, 2829-2833.	0.7	9
2010	Synthesis and Characterization of Novel Monodisperse Starburst Oligo(fluoreneethynylene) Based on Truxene Moiety. Chemistry Letters, 2008, 37, 178-179.	0.7	9
2011	Unipolar Resistive Switching Effects Based on Al/ZnO/P ⁺⁺ -Si Diodes for Nonvolatile Memory Applications. Chinese Physics Letters, 2012, 29, 087201.	1.3	9
2012	Efficient top-emitting white organic light emitting device with an extremely stable chromaticity and viewing-angle. Chinese Physics B, 2012, 21, 108507.	0.7	9
2013	Vertical-external-cavity surface-emitting lasers and quantum dot lasers. Frontiers of Optoelectronics, 2012, 5, 157-170.	1.9	9
2014	Study of carrier mobility of N,Nâ€²-diphenyl-N,Nâ€²bis(1,1â€²-biphenyl)-4,4â€²-diamine (NPB) by transmission line model of impedance spectroscopy. Thin Solid Films, 2013, 542, 281-284.	0.8	9
2015	A Ratiometric Probe Composed of an Anionic Conjugated Polyelectrolyte and a Cationic Phosphorescent Iridium(<scp>III</scp>) Complex for Timeâ€<scp>R</scp>esolved Detection of Hg(<scp>II</scp>) in Aqueous Media. Macromolecular Bioscience, 2013, 13, 1339-1346.	2.1	9
2016	Effects of Electrodes and Nitrogen-Atom Locations on Electron Transport in C59N Molecular Junctions: A First-Principles Study. Journal of Physical Chemistry C, 2014, 118, 617-626.	1.5	9

#	Article	IF	Citations
2017	Fluorescence Turn-On Sensing of Ascorbic Acid Based on a Hyperbranched Conjugated Polyelectrolyte. Soft Materials, 2014, 12, 73-78.	0.8	9
2018	Relationships between main-chain chirality and photophysical properties in chiral conjugated polymers. Journal of Materials Chemistry C, 2014, 2, 7336-7347.	2.7	9
2019	Study of carrier dynamics of N,Nâ€²-diphenyl-N,Nâ€²bis (1,1â€²-biphenyl)-4,4â€²-diamine (NPB) through the frequency dependence of impedance spectroscopy and particle swarm optimization algorithm. EPJ Applied Physics, 2014, 66, 10202.	0.3	9
2020	Engineering of Energy Levels for Fully Conjugated Dâ€A Block Copolymers via Tuning the Ratios of Donor P3HT and Acceptor PNDIT. Chinese Journal of Chemistry, 2015, 33, 865-872.	2.6	9
2021	An Au nanocomposite based biosensor for determination of cholesterol. Analytical Methods, 2015, 7, 3480-3485.	1.3	9
2022	Influences of wide-angle and multi-beam interference on the chromaticity and efficiency of top-emitting white organic light-emitting diodes. Journal of Applied Physics, 2015, 117, .	1.1	9
2023	Inorganic anion-assisted supramolecular assemblies of bent dipyridines: effects of anionic geometries on hydrogen-bonding networks. Inorganic Chemistry Frontiers, 2015, 2, 263-272.	3.0	9
2024	Centimeter-Scale Subwavelength Photolithography Using Metal-Coated Elastomeric Photomasks with Modulated Light Intensity at the Oblique Sidewalls. Langmuir, 2015, 31, 5005-5013.	1.6	9
2025	Highly Contorted 1,2,5â€Thiadiazoleâ€Fused Aromatics for Solutionâ€Processed Fieldâ€Effect Transistors: Synthesis and Properties. Chemistry - an Asian Journal, 2016, 11, 2188-2200.	1.7	9
2026	First principles study on the structural, magnetic, electronic and optical properties of un-doped and La-doped BiFe0.75Mn0.125Ti0.125O3. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 3524-3529.	0.9	9
2027	Superhydrophobic graphene-decorated mesh gauze: recycling oils and organic solvents enhanced by large-diameter capillary action. Science China Materials, 2016, 59, 581-588.	3.5	9
2028	Fluorinated p-n type copolyfluorene as polymer electret for stable nonvolatile organic transistor memory device. Chinese Journal of Polymer Science (English Edition), 2016, 34, 1183-1195.	2.0	9
2029	One-pot synthesis of a photostable green fluorescent probe for biological imaging. Journal of Materials Science, 2016, 51, 2972-2979.	1.7	9
2030	Ultra-Thin Organic Solar Cells Incorporating Dielectric-Coated Comb Silver Nanogratings. Plasmonics, 2016, 11, 151-157.	1.8	9
2031	Synthesis and luminescent properties of lanthanide-doped ScVO 4 microcrystals. Journal of Rare Earths, 2017, 35, 28-33.	2.5	9
2032	Lanthanide-organic frameworks based on terphenyl-tetracarboxylate ligands: syntheses, structures, optical properties and selective sensing of nitro explosives. Science China Chemistry, 2017, 60, 1130-1135.	4.2	9
2033	Facile synthesis of ultrasmall hexagonal NaYF4:Yb3+,Er3+ upconversion nanocrystals through temperature oscillation. Inorganic Chemistry Frontiers, 2017, 4, 1211-1214.	3.0	9
2034	Thieno[3,â€‰2â€‹b]thiopheneâ€Based Discotic Liquid Crystal Mesogens: Rational Synthesis, Physical Properties and Selfâ€Assembly. ChemistrySelect, 2017, 2, 8137-8145.	0.7	9

#	Article	IF	Citations
2035	Novel phosphorescent neutral iridium(III) complex with the steric hindrance for highly efficient red organic light-emitting diodes. Tetrahedron Letters, 2017, 58, 3598-3601.	0.7	9
2036	5-Carboxyfluorescein: intrinsic peroxidase-like catalytic activity and its application in the biomimetic synthesis of polyaniline nanoplatelets. Journal of Materials Chemistry B, 2017, 5, 5937-5941.	2.9	9
2037	A Probe Based on a Soft Salt Complex for Ratiometric and Lifetime Imaging of Variations in Intracellular Oxygen Content. European Journal of Inorganic Chemistry, 2018, 2018, 2345-2349.	1.0	9
2038	Copper oxide-modified graphene anode and its application in organic photovoltaic cells. Optics Express, 2018, 26, A769.	1.7	9
2039	Controllable supramolecular chain aggregation through nano-steric hindrance functionalization for multi-color larger-area electroluminescence. Journal of Materials Chemistry C, 2018, 6, 7018-7023.	2.7	9
2040	Superelectrophilic-Initiated Câ€“H Functionalization at the Î²-Position of Thiophenes: A One-Pot Synthesis of trans-Stereospecific Saddle-Shaped Cyclic Compounds. Journal of Organic Chemistry, 2019, 84, 10701-10709.	1.7	9
2041	Twoâ€Dimensional Conjugated Microporous Polymer with Structural Stability and Electrical Bistability for Rectifying Memory Array. Advanced Intelligent Systems, 2019, 1, 1900052.	3.3	9
2042	Toward a New Energy Era: Selfâ€Driven Integrated Systems Based on Perovskite Solar Cells. Solar Rrl, 2019, 3, 1900320.	3.1	9
2043	Tuning Intramolecular Conformation and Packing Mode of Host Materials through Noncovalent Interactions for High-Efficiency Blue Electrophosphorescence. ACS Omega, 2019, 4, 9129-9134.	1.6	9
2044	A convenient one-pot nanosynthesis of a C(sp²)â€“C(sp³)-linked 3D grid via an â€˜A₂ + B₃â€™ approach. Organic and Biomolecular Chemistry, 2019, 17, 6574-6579.	1.5	9
2045	Rational Design of Efficient Organic Phototherapeutic Agents via Perturbation Theory for Enhancing Anticancer Therapeutics. ChemMedChem, 2019, 14, 1378-1383.	1.6	9
2046	Colour-tunable ultralong organic phosphorescence upon temperature stimulus. RSC Advances, 2019, 9, 19075-19078.	1.7	9
2047	Two-Photon-Induced Charge-Variable Conjugated Polyelectrolyte Brushes for Effective Gene Silencing. ACS Applied Bio Materials, 2019, 2, 1676-1685.	2.3	9
2048	Subtle structure tailoring of metal-free triazine luminogens for highly efficient ultralong organic phosphorescence. Chinese Chemical Letters, 2019, 30, 1935-1938.	4.8	9
2049	Internal standard fluorogenic probe based on vibration-induced emission for visualizing PTP1B in living cells. Chemical Communications, 2020, 56, 58-61.	2.2	9
2050	Two-phase anion exchange synthesis: multiple passivation for highly efficient and stable $CsPbCl_3$ nanocrystals. Journal of Materials Chemistry C, 2020, 8, 16083-16091.	2.7	9
2051	A dual functional 1D Cdâ€based coordination polymer for the highly luminescent sensitive detection of Fe^{3+} and picric acid. Applied Organometallic Chemistry, 2020, 34, e5692.	1.7	9
2052	NIR-II probe modified by poly(L-lysine) with efficient ovalbumin delivery for dendritic cell tracking. Science China Chemistry, 2020, 63, 1272-1280.	4.2	9

#	Article	IF	Citations
2053	Highly efficient exciplex-emission from spiro[fluorene-9,9â€²-xanthene] derivatives. Dyes and Pigments, 2021, 185, 108894.	2.0	9
2054	Hole-Transporting Low-Dimensional Perovskite for Enhancing Photovoltaic Performance. Research, 2021, 2021, 9797053.	2.8	9
2055	Recent progress in 1,4-diazafluorene-cored optoelectronic materials: A review. Dyes and Pigments, 2021, 191, 109365.	2.0	9
2056	Elucidating the excited-state dynamics behavior in near-infrared Bodipy dye and aggregates toward biophotonics. Science China Chemistry, 2020, 63, 1075-1081.	4.2	9
2057	Solution-Processed Organic-Inorganic Hybrid Perovskites: A Class of Dream Materials Beyond Photovoltaic Applications. Acta Chimica Sinica, 2015, 73, 171.	0.5	9
2058	Organic Photovoltaics Printed via Sheet Electrospray Enabled by Quadrupole Electrodes. ACS Applied Materials & Interfaces, 2021, 13, 56375-56384.	4.0	9
2059	Bound States in the Continuum Empower Subwavelength Gratings for Refractometers in Visible. Photonics, 2022, 9, 292.	0.9	9
2060	Nonresonant optical nonlinearity of ZnO composite nanoparticles with different interfacial chemical environments. Materials Research Innovations, 1998, 2, 49-52.	1.0	8
2061	Chemical states and electronic properties of the interface between aluminium and a photoluminescent conjugated copolymer containing europium complex. Applied Surface Science, 2004, 222, 399-408.	3.1	8
2062	Novel oligomers based on fluorene and 2,4-difluorobenzene: Correlation between the structures and optical properties. Journal of Polymer Science Part A, 2006, 44, 4346-4353.	2.5	8
2063	Synthesis, Photophysics, and Electroluminescence of Poly(dibenzofluorene)s. Macromolecular Rapid Communications, 2006, 27, 1142-1148.	2.0	8
2064	New oxadiazole derivatives as promising electron transport materials: synthesis and characterization of thermal, optical and electrochemical properties. Open Chemistry, 2007, 5, 303-315.	1.0	8
2065	The dissociative adsorption of unsaturated alcohols on Si(111)-7Ã—7. Surface Science, 2008, 602, 2647-2657.	0.8	8
2066	Facile Synthesis of Novel Nonplanar Arylamine-centered Oligofluorenes Based on Complicated 9,9-Diarylfluorene Building Blocks by Friedelâ€“Crafts Reaction. Chemistry Letters, 2008, 37, 622-623.	0.7	8
2067	Transparent, Conductive, and Flexible Graphene Films from Large-Size Graphene Oxide. Integrated Ferroelectrics, 2011, 128, 105-109.	0.3	8
2068	DFT/TDDFT Investigation of the Modulation of Photochromic Properties in an Organoboronâ€Based Diarylethene by Fluoride Ions. ChemPhysChem, 2011, 12, 313-321.	1.0	8
2069	Novel amphipathic photoluminescent copolymers containing fluorene, pyridine and thiophene moieties: Synthesis, characterization and self-assembly. Polymer, 2012, 53, 5684-5690.	1.8	8
2070	Characterization of Hindered Amine Light Stabilizers in Polymer Matrix Using Terahertz Timeâ€Domain Spectroscopy. Macromolecular Chemistry and Physics, 2012, 213, 1441-1447.	1.1	8

#	Article	IF	Citations
2071	Application of capacitance spectrum and the imaginary part of impedance spectrum to study carrier dynamics of N,Nâ€²-diphenyl-N,Nâ€²bis(1,1â€²-biphenyl)-4,4â€²-diamine. Thin Solid Films, 2014, 556, 447-451.	0.8	8
2072	Synthesis, structure and properties of a tetranuclear europium(III) complex based on 9,9-dimethylfluorene-2,7-diphosphonic acid. Journal of Molecular Structure, 2014, 1067, 37-42.	1.8	8
2073	Rod-coating all-solution fabrication of double functional graphene oxide films for flexible alternating current (AC)-driven light-emitting diodes. RSC Advances, 2014, 4, 55671-55676.	1.7	8
2074	Ab initio calculations of the structural, elastic, electronic and optical properties of Cu3N as well as Cu3NLa and Cu3NCe compounds. Computational Materials Science, 2014, 95, 221-227.	1.4	8
2075	Tuning peripheral group density in ternary phosphine oxide hosts for low-voltage-driven yellow PhOLEDs. Journal of Materials Chemistry C, 2015, 3, 6709-6716.	2.7	8
2076	Donorâ€“Acceptor Star-Shaped Conjugated Macroelectrolytes: Synthesis, Light-Harvesting Properties, and Self-Assembly-Induced FÃ¶rster Resonance Energy Transfer. Journal of Physical Chemistry B, 2015, 119, 6730-6739.	1.2	8
2077	Substitution effects on the properties of 10,13-disubstituted dipyrido[3,2-a:2â€²,3â€²-c]phenazine donorâ€“acceptor compounds and their ruthenium(II) complexes. Tetrahedron, 2015, 71, 654-662.	1.0	8
2078	Monodispersed nanoparticles of conjugated polyelectrolyte brush with high charge density for rapid, specific and label-free detection of tumor marker. Analyst, The, 2015, 140, 1842-1846.	1.7	8
2079	Arylfluorene based universal hosts for solution-processed RGB and white phosphorescent organic light-emitting devices. RSC Advances, 2015, 5, 94077-94083.	1.7	8
2080	Unprecedented side reactions in Stille coupling: desired ones for Stille polycondensation. Chemical Communications, 2015, 51, 15846-15849.	2.2	8
2081	Efficient phosphorescent polymer light-emitting devices using a conjugated starburst macromolecule as a cathode interlayer. RSC Advances, 2016, 6, 10326-10333.	1.7	8
2082	Detection of defects on the surface of a semiconductor by terahertz surface plasmon polaritons. Applied Optics, 2016, 55, 4139.	2.1	8
2083	Ï€â€Extended Starâ€Shaped Polycyclic Aromatic Hydrocarbons based on Fused Truxenes: Synthesis, Selfâ€Assembly, and Facilely Tunable Emission Properties. Chemistry - an Asian Journal, 2016, 11, 3589-3597.	1.7	8
2084	Pyreneâ€functionalized oligofluorenes as nonâ€doped deep blue emitters for solutionâ€processed organic lightâ€emitting diodes. Journal of Polymer Science Part A, 2016, 54, 795-801.	2.5	8
2085	One-step preparation of conjugated homopolymer sub-microspheres via a controllable supramolecular approach toward optoelectronic applications. RSC Advances, 2017, 7, 14688-14693.	1.7	8
2086	Multifunctional NaYF₄:Yb³⁺,Er³⁺@SiO₂@Au heterogeneous nanocomposites for upconversion luminescence, temperature sensing and photothermal conversion. RSC Advances, 2017, 7, 11491-11495.	1.7	8
2087	Cathodic shift of a photo-potential on a Ta₃N₅photoanode by post-heating a TiO₂passivation layer. RSC Advances, 2017, 7, 30650-30656.	1.7	8
2088	Understanding the dependence of performance on the dielectric-semiconductor interface in pentacene-based organic field-effect transistors. Materials Letters, 2017, 189, 286-289.	1.3	8

#	Article	IF	Citations
2089	High-Level Pyrrolic/Pyridinic N-Doped Carbon Nanoflakes from Ï€-Fused Polyimide for Anodic Lithium Storage. ChemistrySelect, 2017, 2, 9007-9013.	0.7	8
2090	Compact broadband spectrometer based on upconversion and downconversion luminescence. Optics Letters, 2017, 42, 4375.	1.7	8
2091	Coordination Reactions of 5-(2-(4-Bromophenyl)ethynyl)pyrimidine in On-Surface Synthesis. Journal of Physical Chemistry C, 2018, 122, 8954-8959.	1.5	8
2092	3D Nanoporous Gold with Very Low Parting Limit Derived from Auâ€Based Metallic Glass and Enhanced Methanol Electroâ€oxidation Catalytic Performance Induced by Metal Migration. ChemNanoMat, 2018, 4, 88-97.	1.5	8
2093	Diketopyrrolopyrrole-based acceptors with multi-arms for organic solar cells. RSC Advances, 2018, 8, 25031-25039.	1.7	8
2094	Nearly Pure Red Color Upconversion Luminescence of Ln-Doped Sc₂O₃ with Unexpected RE-MOFs Molecular Alloys as Precursor. Inorganic Chemistry, 2018, 57, 10511-10517.	1.9	8
2095	Bay-annulated indigo derivatives based on a core of spiro[fluorene-9,9â€²-xanthene]: Synthesis, photophysical, and electrochemical properties. Dyes and Pigments, 2019, 160, 25-27.	2.0	8
2096	Green-synthesized, low-cost tetracyanodiazafluorene (TCAF) as electron injection material for organic light-emitting diodes. Chinese Chemical Letters, 2019, 30, 1969-1973.	4.8	8
2097	Intrinsic ambipolar transport for the traditional conducting or hole transport ionic blend polymer PEDOT:PSS. Polymer, 2019, 180, 121732.	1.8	8
2098	An Overview of Molecular Packing Mode in Twoâ€Dimensional Organic Nanomaterials via Supramolecular Assembly. Chinese Journal of Chemistry, 2019, 37, 405-416.	2.6	8
2099	Stirring revealed new functions of ethylenediamine and hydrazine in the morphology control of copper nanowires. Nanoscale, 2019, 11, 11902-11909.	2.8	8
2100	Tetracyano-substituted spiro[fluorene-9,9â€²-xanthene] as electron acceptor for exciplex thermally activated delayed fluorescence. Journal of Molecular Structure, 2019, 1196, 132-138.	1.8	8
2101	Facile one-pot synthesis of monodispersed NIR-II emissive silver sulfide quantum dots. Inorganic Chemistry Communication, 2019, 106, 233-239.	1.8	8
2102	A tricolour photodetecting memory device based on lead sulfide colloidal quantum dots floating gate. Organic Electronics, 2019, 75, 105111.	1.4	8
2103	Photophysical Identification of Three Kinds of Low-Energy Green Band Defects in Wide-Bandgap Polyfluorenes. Journal of Physical Chemistry A, 2019, 123, 2789-2795.	1.1	8
2104	Nature of Defect States within Amorphous NPB Investigated through Drive-Level Capacitance Profiling. Journal of Physical Chemistry C, 2019, 123, 165-174.	1.5	8
2105	Angular/linear-shaped indacenodithiophene (IDT) for donor-acceptor copolymers: Geometric shape effects on physical properties and photovoltaic performance. Polymer, 2019, 162, 11-19.	1.8	8
2106	Optoelectronic properties and aggregation effects on the performance of planar versus contorted pyrene-cored perylenediimide dimers for organic solar cells. Dyes and Pigments, 2020, 173, 107976.	2.0	8

#	Article	IF	Citations
2107	Facile Synthesis of Polysubstituted Indolizines via Oneâ€Pot Reaction of 1â€Acetylaryl 2â€Formylpyrroles and Enals. Chemistry - an Asian Journal, 2020, 15, 352-355.	1.7	8
2108	Injection and Retention Characterization of Trapped Charges in Electret Films by Electrostatic Force Microscopy and Kelvin Probe Force Microscopy. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 2000190.	0.8	8
2109	New xanthone derivatives as host materials: Improvement of carriers balance for high-efficiency green phosphorescent OLEDs using two host materials. Dyes and Pigments, 2020, 178, 108333.	2.0	8
2110	Desymmetrization of Cyclic 1,3-Diketones under N -Heterocyclic Carbene Organocatalysis: Access to Organofluorines with Multiple Stereogenic Centers. Research, 2021, 2021, 9867915.	2.8	8
2111	Wide-bandgap organic nanocrystals with high mobility and tunable lasing emission. Journal of Materials Chemistry C, 2021, 9, 3171-3176.	2.7	8
2112	The efficient redox electron transfer and powered polysulfide confinement of carbon doped tungsten nitride with multi-active sites towards high-performance lithium-polysulfide batteries. Applied Surface Science, 2020, 525, 146625.	3.1	8
2113	Nanolaser with a Single-Graphene-Nanoribbon in a Microcavity. Journal of Nanoelectronics and Optoelectronics, 2011, 6, 138-143.	0.1	8
2114	Emission Editing in Eu/Tb binary complexes based on Au@SiO2 nanorods. Optics Express, 2019, 27, 27726.	1.7	8
2115	Slow Energy Transfer in Selfâ€Doped Î²â€Conformation Film of Steric Polydiarylfluorenes toward Stable Dual Deepâ€Blue Amplified Spontaneous Emission. Advanced Optical Materials, 2022, 10, 2100723.	3.6	8
2116	Growth and Degradation Kinetics of Organicâ€“Inorganic Hybrid Perovskite Films Determined by In Situ Grazingâ€Incidence Xâ€Ray Scattering Techniques. Small Methods, 2021, 5, e2100829.	4.6	8
2117	Interface engineering of tungsten carbide/phosphide heterostructures anchored on N,P-codoped carbon for high-efficiency hydrogen evolution reaction. Science China Materials, 2022, 65, 967-973.	3.5	8
2118	Recent Development of Photodeformable Crystals: From Materials to Mechanisms. Research, 2021, 2021, 9816535.	2.8	8
2119	Nanostructured interfacial dipole layers for high-performance and highly stable nonvolatile organic field-effect transistor memory. Journal of Materials Chemistry C, 2022, 10, 3292-3299.	2.7	8
2120	Molecularly Controlled Quantum Well Width Distribution and Optoelectronic Properties in Quasi-2D Perovskite Light-Emitting Diodes. Journal of Physical Chemistry Letters, 2022, 13, 4098-4103.	2.1	8
2121	Orbital Interactions in Ethynylpyridines. Journal of Physical Chemistry A, 1998, 102, 904-908.	1.1	7
2122	Preparation and enhanced photocatalytic oxidation activity of surface-modified CdS nanoparticles with high photostability. Journal of Materials Research, 1999, 14, 2092-2095.	1.2	7
2123	High efficiency polymer electrophosphorescent light-emitting diodes. Semiconductor Science and Technology, 2005, 20, 805-808.	1.0	7
2124	Highly efficient red electroluminescence induced by efficient electron injection and exciton confinement. Synthetic Metals, 2006, 156, 763-768.	2.1	7

#	Article	IF	Citations
2125	Novel Water-Soluble Shape-Regulatable Luminescent Nanoparticles by Non-Covalently Bonded Self-Assembly. Macromolecular Rapid Communications, 2006, 27, 1317-1322.	2.0	7
2126	Photocrosslinkable hyperbranched polyfluorenes containing oxadiazole: synthesis, photophysics and electroluminescence. Polymer International, 2008, 57, 1235-1241.	1.6	7
2127	Two novel oligomers based on fluorene and pyridine: Correlation between the structures and optoelectronic properties. Journal of Polymer Science Part A, 2008, 46, 1548-1558.	2.5	7
2128	Synthesis and Characterization of 1,8-Carbazole-based Ï€-Conjugated Copolymer with Zigzagged Conformation for Stable Deep-blue Emission. Chemistry Letters, 2010, 39, 522-523.	0.7	7
2129	A rectifying diode with hysteresis effect from an electroactive hybrid of carbazole-functionalized polystyrene with CdTe nanocrystals via electrostatic interaction. Science China Chemistry, 2010, 53, 2324-2328.	4.2	7
2130	Energy band and band-gap properties of deformed single-walled silicon nanotubes. Frontiers of Physics in China, 2010, 5, 183-187.	1.0	7
2131	Vertical n-type organic transistors with tri(8-hydroxyquinoline) aluminum as collector and fullerene as emitter. Applied Physics Letters, 2011, 98, 073309.	1.5	7
2132	Fine-tuning the thicknesses of organic layers to realize high-efficiency and long-lifetime blue organic light-emitting diodes. Chinese Physics B, 2012, 21, 083303.	0.7	7
2133	Supramolecular Luminescence from Oligofluorenol-Based Supramolecular Polymer Semiconductors. International Journal of Molecular Sciences, 2013, 14, 22368-22379.	1.8	7
2134	A highly efficient ultraviolet to near-infrared converter to improve efficiency of Si solar cells: Yb3+-doped BaGd2(MoO4)4. Materials Letters, 2014, 117, 4-6.	1.3	7
2135	Synthesis and characterization of amphiphilic graphene. Science China Technological Sciences, 2014, 57, 244-248.	2.0	7
2136	The study of defect state of 2,7-dipyrenyl-9-phenyl-9-pyrenyl fluorene through admittance spectroscopy. Synthetic Metals, 2014, 198, 221-224.	2.1	7
2137	Synthesis and structural studies of a rare bis(phosphine) (hydrido) (silyl) platinum(â…¡) complex containing a Siâ€“Si single bond. Journal of Organometallic Chemistry, 2015, 776, 113-116.	0.8	7
2138	Multilayered phosphorescent polymer light-emitting diodes using a solution-processed n-doped electron transport layer. Journal of Luminescence, 2017, 186, 87-92.	1.5	7
2139	Hydrogenated vanadium oxides as an advanced anode material in lithium ion batteries. Nano Research, 2017, 10, 4266-4273.	5.8	7
2140	Bulky side chain effect of poly(Nâ€vinylcarbazole)â€based stacked polymer electrets on device performance parameters of transistor memories. Journal of Polymer Science Part A, 2017, 55, 3554-3564.	2.5	7
2141	Improved performance of inkjet-printed Ag source/drain electrodes for organic thin-film transistors by overcoming the coffee ring effects. AIP Advances, 2017, 7, .	0.6	7
2142	Synergistic steric pairing effects of terfluorenes with ternary side groups on Î²-conformation transition: experiments and computations. Journal of Materials Chemistry C, 2018, 6, 1551-1561.	2.7	7

#	Article	IF	Citations
2143	Efficient charge separation at multiple quantum well perovskite/PCBM interface. Applied Physics Letters, 2018, 113, .	1.5	7
2144	Eaton's reagent assisted aromatic Câ€“C coupling of carbazoles for optoelectronic applications. New Journal of Chemistry, 2018, 42, 14704-14708.	1.4	7
2145	Enhancing Optical Gain Stability for a Deep-Blue Emitter Enabled by a Low-Loss Transparent Matrix. Journal of Physical Chemistry C, 2018, 122, 21569-21578.	1.5	7
2146	Photocontrollable Fluorogenic Probe for Visualizing Nearâ€Membrane Hypochlorite in Live Cells. ChemistrySelect, 2018, 3, 5981-5986.	0.7	7
2147	Multiple Ïƒâ€“Ï€ Conjugated Molecules with Selectively Enhanced Electrical Performance for Efficient Solutionâ€Processed Blue Electrophosphorescence. Advanced Optical Materials, 2019, 7, 1901124.	3.6	7
2148	Alkyl-chain branched effect on the aggregation and photophysical behavior of polydiarylfluorenes toward stable deep-blue electroluminescence and efficient amplified spontaneous emission. Chinese Chemical Letters, 2019, 30, 1959-1964.	4.8	7
2149	Lowâ€Threshold Nonâ€Doped Deep Blue Lasing from Monodisperse Truxeneâ€Cored Conjugated Starbursts with High Photostability. Chemistry - an Asian Journal, 2019, 14, 3442-3448.	1.7	7
2150	Electronâ€Rich Ïâ€Extended Diindolotriazatruxeneâ€Based Chemosensors with Highly Selective and Rapid Responses to Nitroaromatic Explosives. ChemPlusChem, 2019, 84, 1623-1629.	1.3	7
2151	Direct C-H arylation for small molecules composed of diketopyrrolopyrrole and benzothiadiazole as organic semiconductor materials. Synthetic Metals, 2019, 250, 94-98.	2.1	7
2152	Theoretical studies on 4H-cyclopenta[2,1-b:3,4-bâ€²]dithiophene-based Windmill-shaped nanogrids with low reorganization energies. Chemical Physics, 2019, 516, 191-198.	0.9	7
2153	Inverted organic light-emitting devices using a charge-generation unit as an electron injector. Organic Electronics, 2020, 76, 105445.	1.4	7
2154	High-performance sodium-ion anodes enabled by a low-temperature molten salt approach. Chemical Communications, 2020, 56, 11422-11425.	2.2	7
2155	Chemiluminescent organic nanophotosensitizer for a penetration depth independent photodynamic therapy. RSC Advances, 2020, 10, 11861-11864.	1.7	7
2156	Isolated asymmetric bilateral steric conjugated polymers with thickness-independent emission for efficient and stable light-emitting optoelectronic devices. Journal of Materials Chemistry C, 2020, 8, 5064-5070.	2.7	7
2157	Steric Poly(diarylfluoreneâ€coâ€benzothiadiazole) for Efficient Amplified Spontaneous Emission and Polymer Lightâ€Emitting Diodes: Benefit from Preventing Interchain Aggregation and Polaron Formation. Advanced Optical Materials, 2020, 8, 1901616.	3.6	7
2158	Core@shell and lateral heterostructures composed of SnS and NbS₂. Nanoscale, 2021, 13, 5489-5496.	2.8	7
2159	Enhancement of morphological and emission stability of deep-blue small molecular emitter via a universal side-chain coupling strategy for optoelectronic device. Chinese Chemical Letters, 2022, 33, 835-841.	4.8	7
2160	Highly Efficient Inverted Organic Light-Emitting Diodes Adopting a Self-Assembled Modification Layer. ACS Applied Materials & Interfaces, 2021, 13, 41818-41825.	4.0	7

#	Article	IF	Citations
2161	Enhancing the light out-coupling efficiency of organic light-emitting devices with random corrugated structures. Thin Solid Films, 2021, 732, 138791.	0.8	7
2162	Efficient small molecule organic light-emitting diodes fabricated by brush-coating. Journal of Materials Chemistry C, 2021, 9, 2190-2197.	2.7	7
2163	The progress of flexible organic field-effect transistors. Wuli Xuebao/Acta Physica Sinica, 2013, 62, 047301.	0.2	7
2164	Programmable Broadband Responsive Lanthanideâ€Doped Nanoarchitecture for Information Encryption. Advanced Optical Materials, 2022, 10, 2101843.	3.6	7
2165	Fabrication of semiconducting polymer-blend dots with strong near-infrared fluorescence and afterglow luminescence for bioimaging. Dyes and Pigments, 2022, 200, 110124.	2.0	7
2166	Synthesis and characterization of a new yellowâ€“green light-emitting polymer â€“ poly{1,4-bis[3â€“(4â€²â€“butylphenyl)thienyl]-2,5-di(2â€²-ethylhexyloxy)phenylene}. Thin Solid Films, 2000, 363, 114-117.	0.8	6
2167	Synthesis and characterization of a bipyridine-containing electroluminescent polymer with well-defined conjugation length. Thin Solid Films, 2002, 417, 151-154.	0.8	6
2168	Improvement of viewing angle and pixel contrast ratio in green top-emitting organic light-emitting devices. Optics Express, 2008, 16, 8868.	1.7	6
2169	Water-soluble light-emitting nanoparticles prepared by non-covalent bond self-assembly of a hydroxyl group functionalized oligo(p-phenyleneethynylene) with different water-soluble polymers. Science China Chemistry, 2010, 53, 1122-1127.	4.2	6
2170	Waterâ€soluble fluorescent nanoparticles without distinct aggregation of conjugated polymer chains. Polymer International, 2011, 60, 45-50.	1.6	6
2171	Synthesis and characterization of one star-shaped polymer with charged iridium complex as luminescent core. Journal of Luminescence, 2011, 131, 2166-2173.	1.5	6
2172	A very high-contrast top-emitting organic light-emitting diode with a Ni/ZnS/MgF2/Ni contrast-enhancing stack and a CuPc/C60 anti-reflection bilayer. Organic Electronics, 2012, 13, 3263-3267.	1.4	6
2173	Enhancing nonvolatile write-once-read-many-times memory effects with SiO₂ nanoparticles sandwiched by poly(N-vinylcarbazole) layers. Journal Physics D: Applied Physics, 2012, 45, 215101.	1.3	6
2174	Star-shaped conjugated oligoelectrolyte for bioimaging in living cells. Science Bulletin, 2013, 58, 2570-2575.	1.7	6
2175	A Spiro [Fluorene-9, 9â€™-Xanthene]-Based Host Material for Efficient Green and Blue Phosphorescent OLED. Applied Mechanics and Materials, 0, 331, 503-507.	0.2	6
2176	Modulation of singlet and triplet excited states through Ïƒ spacers in ternary 1,3,5-triazines. RSC Advances, 2013, 3, 13782.	1.7	6
2177	Color-saturated and angle-stable blue top-emitting organic light-emitting diodes based on semitransparent bilayer cathode: Theory and experiment. Organic Electronics, 2013, 14, 423-429.	1.4	6
2178	High performance flexible top-emitting warm-white organic light-emitting devices and chromaticity shift mechanism. AIP Advances, 2014, 4, .	0.6	6

#	Article	IF	Citations
2179	Characteristics of blue organic light emitting diodes with different thick emitting layers. Optical Materials, 2014, 36, 1720-1723.	1.7	6
2180	A novel microfluidic system for the rapid analysis of protein thermal stability. Analyst, The, 2014, 139, 2683-2686.	1.7	6
2181	Labelâ€Free DNA Sensors Based on Fieldâ€Effect Transistors with Semiconductor of Carbon Materials. Chinese Journal of Chemistry, 2015, 33, 828-841.	2.6	6
2182	Synthesis, Structural Characterization and Reactivity of a Bis(phosphine)(silyl) Platinum(II) Complex. Chinese Journal of Chemistry, 2015, 33, 1206-1210.	2.6	6
2183	Au nanorods-incorporated plasmonic-enhanced inverted organic solar cells. Chinese Physics B, 2015, 24, 115202.	0.7	6
2184	Charge trapping behavior visualization of dumbbell-shaped DSFXPY via electrical force microscopy. Journal of Materials Chemistry C, 2015, 3, 12436-12442.	2.7	6
2185	Hyperbranched fluorene-alt-carbazole copolymers with spiro[3.3]heptane-2,6-dispirofluorene as the core and their application in white polymer light-emitting devices. RSC Advances, 2015, 5, 49662-49670.	1.7	6
2186	Tetrahedral oxyanions-assisted supramolecular assemblies of pyridine-based tectons into hydrogen-bonding networks. Journal of Molecular Structure, 2015, 1079, 266-273.	1.8	6
2187	Effect of Drying Time on Morphology and Photovoltaic Characteristics of Polymer Solar Cells of Bis-PCBM/P3HT Composites. ECS Journal of Solid State Science and Technology, 2016, 5, Q244-Q252.	0.9	6
2188	Tuning the backbones and side chains of cationic meta-linked poly(phenylene ethynylene)s: Different conformational modes, tunable light emission, and helical wrapping of multi-walled carbon nanotubes. Polymer, 2016, 102, 143-152.	1.8	6
2189	Emission-Tunable Multicolor Graphene Molecules with Controllable Synthesis, Excellent Optical Properties, and Specific Applications. ACS Applied Materials & Interfaces, 2016, 8, 7938-7947.	4.0	6
2190	Influence of transition metal element (Co, Ni, Cu) doping on structural, electrical and magnetic properties of Bi0.9Ca0.1FeO3 nanoparticles. Journal of Materials Science: Materials in Electronics, 2017, 28, 3278-3284.	1.1	6
2191	Catalyst-free photocyclization for the synthesis of spiro-fused aromatic organic semiconductor based on SFX. Tetrahedron, 2018, 74, 2063-2067.	1.0	6
2192	Synthesis, characterization and fluorescence imaging property of BODIPY-DPP-based dyad/triad. Dyes and Pigments, 2018, 157, 396-404.	2.0	6
2193	Spiro-substitution effect of terfluorenes on amplified spontaneous emission and lasing behaviors. Journal of Materials Chemistry C, 2018, 6, 4501-4507.	2.7	6
2194	Organic nanosynthesis of diarylfluorene-based ladder-type gridarene isomers via intramolecular A1-B1 type Friedel-Crafts gridization. Tetrahedron, 2018, 74, 5833-5838.	1.0	6
2195	Light absorption and efficiency enhancements for organic photovoltaic devices with Au@PSS core-shell tetrahedra. Organic Electronics, 2018, 61, 96-103.	1.4	6
2196	Polydiarylfluorene Molecular Weight Effects on Î²-Conformation Formation for Amplified Spontaneous Emission for Optoelectronic Applications. ACS Applied Polymer Materials, 2019, 1, 2352-2359.	2.0	6

#	Article	IF	Citations
2197	Two-component ratiometric sensor for Cu2+ detection on paper-based device. Analytical and Bioanalytical Chemistry, 2019, 411, 6165-6172.	1.9	6
2198	Thermal imprinting and vapor annealing of interfacial layers for high-performance organic light-emitting diodes. Journal of Materials Chemistry C, 2019, 7, 10281-10288.	2.7	6
2199	Using magnetic levitation for density-based detection of cooking oils. RSC Advances, 2019, 9, 18285-18291.	1.7	6
2200	Highly Emissive Hierarchical Uniform Dialkylfluorene-Based Dimer Microcrystals for Ultraviolet Organic Laser. Journal of Physical Chemistry C, 2019, 123, 28881-28886.	1.5	6
2201	Crystallization induced enantiomer division (CIED) of Ï€-expanded benzoacridine regioisomers. Dyes and Pigments, 2019, 170, 107616.	2.0	6
2202	Facile synthesis of hollow mesoporous silica nanoparticles with in-situ formed CuS templates. Materials Letters, 2019, 250, 25-29.	1.3	6
2203	Matrix Encapsulation of Solutionâ€Processed Thiopheneâ€Based Fluorophores for Enhanced Red and Green Amplified Spontaneous Emission. Physica Status Solidi - Rapid Research Letters, 2020, 14, 1900493.	1.2	6
2204	A benzoindole-cored building block for deep blue fluorescent materials: synthesis, photophysical properties, and applications in organic light-emitting diodes. Journal of Materials Chemistry C, 2020, 8, 16870-16879.	2.7	6
2205	A General Strategy to Encapsulate Semiconducting Polymers within PEGylated Mesoporous Silica Nanoparticles for Optical Imaging and Drug Delivery. Particle and Particle Systems Characterization, 2020, 37, 1900483.	1.2	6
2206	Diastereoisomerâ€Induced Morphology Tunable Selfâ€Assembled Organic Microcrystals of Conjugated Molecules for Ultraviolet Laser. Advanced Materials Interfaces, 2020, 7, 1902057.	1.9	6
2207	Enhanced emission in organic nanocrystals via asymmetrical design of spirocyclic aromatic hydrocarbons. Nanoscale, 2020, 12, 9964-9968.	2.8	6
2208	<scp>Oneâ€Pot</scp> Synthesis of Spiro[fluoreneâ€9,9'â€xanthene] Derivatives. Chinese Journal of Chemistry, 2021, 39, 701-709.	2.6	6
2209	An eco-friendly nitrate-free method for the synthesis of silver nanowires with reduced diameters. Journal of Materials Chemistry C, 2021, 9, 1874-1879.	2.7	6
2210	Constructing Donor-Resonance-Donor Molecules for Acceptor-Free Bipolar Organic Semiconductors. Research, 2021, 2021, .	2.8	6
2211	Photoexcitation Dynamics of Thiopheneâ€“Fluorene Fluorophore in Matrix Encapsulation for Deep-Blue Amplified Spontaneous Emission. ACS Applied Polymer Materials, 2021, 3, 1306-1313.	2.0	6
2212	Frequencyâ€Upconverted Stimulated Emission by Up to Sixâ€Photon Excitation from Highly Extended Spiroâ€Fused Ladderâ€Type Oligo(p â€phenylene)s. Angewandte Chemie, 2021, 133, 10095-10103.	1.6	6
2213	Surficial nanoporous carbon with high pyridinic/pyrrolic N-Doping from sp³/sp²-N-rich azaacene dye for lithium storage. RSC Advances, 2017, 7, 53770-53777.	1.7	6
2214	Highly Regioselective Direct C-H Arylation: Facile Construction of Symmetrical Dithienophthalimide-Based Ï€ -Conjugated Molecules for Optoelectronics. Research, 2020, 2020, 9075697.	2.8	6

#	Article	IF	Citations
2215	Progress in the Fabrication of Cu2ZnSnS4Thin Film for Solar Cells. Acta Chimica Sinica, 2014, 72, 643.	0.5	6
2216	Synthesis of D-Ï€-A-Ï€-D Type Dopant-Free Hole Transporting Materials and Application in Inverted Perovskite Solar Cells. Acta Chimica Sinica, 2019, 77, 741.	0.5	6
2217	An all-in-one nanoplatform with near-infrared light promoted on-demand oxygen release and deep intratumoral penetration for synergistic photothermal/photodynamic therapy. Journal of Colloid and Interface Science, 2022, 608, 1543-1552.	5.0	6
2218	Thiadiazoloquinoxaline-Based Semiconducting Polymer Nanoparticles for NIR-II Fluorescence Imaging-Guided Photothermal Therapy. Frontiers in Bioengineering and Biotechnology, 2021, 9, 780993.	2.0	6
2219	Covalent nanosynthesis of fluorene-based macrocycles and organic nanogrids. Organic and Biomolecular Chemistry, 2021, 20, 73-97.	1.5	6
2220	Organic Fluorophores for 1064Ânm Excited NIR-II Fluorescence Imaging. Frontiers in Chemistry, 2021, 9, 769655.	1.8	6
2221	Tailored Polymeric Holeâ€Transporting Materials Inducing Highâ€Quality Crystallization of Perovskite for Efficient Inverted Photovoltaic Devices. Small, 2022, , 2106632.	5.2	6
2222	Humidityâ€Enabled Organic Artificial Synaptic Devices with Ultrahigh Moisture Resistivity. Advanced Electronic Materials, 2022, 8, .	2.6	6
2223	Photoelectron Spectroscopy Study of Orbital Interactions. Ethynylfurans. Journal of Physical Chemistry A, 1997, 101, 3501-3504.	1.1	5
2224	Title is missing!. Journal of Materials Science Letters, 1997, 16, 617-618.	0.5	5
2225	Kinetic studies of the oxygen-atom transfer reaction between bis(diethyldithio-carbamato) dioxomolybdenum and triphenylphosphine. Polyhedron, 1997, 16, 2163-2167.	1.0	5
2226	Conformational analysis of trimethylsilyl-substituted trans-stilbenes: modeling of torsions in silicon-containing poly(para-phenylenevinylene). Chemical Physics Letters, 1999, 315, 233-238.	1.2	5
2227	Photoelectron spectroscopy of lactams. Journal of Physical Organic Chemistry, 1999, 12, 388-391.	0.9	5
2228	Interconversion and decomposition of furanones. Journal of the Chemical Society Perkin Transactions II, 1999, , 725-730.	0.9	5
2229	Poly[2-(4â€²-decyloxylphenyl)-1,4-phenylenevinylene]: A Novel Soluble Phenyl-Substituted Poly(p-phenylenevinylene) Derivative as Electroluminescent Material. Chemistry Letters, 1999, 28, 1123-1124.	0.7	5
2230	Green-Blue Photoluminescence from a Novel Silicon-Containing Alternating Copolymer. Chemistry Letters, 1999, 28, 477-478.	0.7	5
2231	Synthesis and characterization of a novel light-emitting copolymer with improved charge-balancing property. Thin Solid Films, 2000, 363, 102-105.	0.8	5
2232	Synthesis and magnetic properties of the Ho(BA)2AA complex monomer and its copolymer with MMA. Synthetic Metals, 2001, 118, 39-43.	2.1	5

#	Article	IF	Citations
2233	Synthesis and characterization of a novel conjugated polymer containing PPV oligomer and fluorene. Thin Solid Films, 2002, 417, 215-220.	0.8	5
2234	Graft and characterization of 9-vinylcarbazole conjugated molecule on hydrogen-terminated silicon surface. Applied Surface Science, 2006, 253, 1534-1539.	3.1	5
2235	A novel fluorene-containing oligomer with relative high photoluminescence quantum efficiency. Journal of Fluorine Chemistry, 2006, 127, 973-976.	0.9	5
2236	Nanostructured ultra-low-Î° porous fluoropolymer composite films via plasma co-polymerization of hydrophobic and hydrophilic monomers and subsequent hydrolysis treatment. European Polymer Journal, 2007, 43, 3773-3779.	2.6	5
2237	Facile synthesis and optoelectronic properties of N,N-difluorenevinylaniline-based molecules. New Journal of Chemistry, 2012, 36, 1512.	1.4	5
2238	Nonâ€doped white organic lightâ€emitting diodes based on ultraâ€thin emitting layer with aggregationâ€induced emission. Physica Status Solidi (A) Applications and Materials Science, 2012, 209, 373-377.	0.8	5
2239	Theoretical study of fluorescence resonant energy transfer dynamics in individual semiconductor nanocrystalâ€“DNAâ€“dye conjugates. Journal of Luminescence, 2012, 132, 1472-1476.	1.5	5
2240	Two photoluminescent polymers based on fluorene and 2,4,6â€triphenyl pyridine: Synthesis and electroluminescence. Journal of Applied Polymer Science, 2012, 124, 3921-3929.	1.3	5
2241	Theoretical investigation of substitution and end-group effects on poly(p-phenylene vinylene)s. Science China Chemistry, 2014, 57, 435-441.	4.2	5
2242	Multipleâ€Stimuli Responsive Luminescent Gels Based on Cholesterol Containing Benzothiadiazole Fluorophores. Chinese Journal of Chemistry, 2015, 33, 1140-1144.	2.6	5
2243	A fluorescence nanosensor for lipase activity: enzyme-regulated quantum dots growth in situ. RSC Advances, 2015, 5, 73051-73057.	1.7	5
2244	Application of <I>Î²</I>-NaYF₄:Er³⁺ (2%), Yb³⁺ (18%) Up-Conversion Nanoparticles in Polymer Solar Cells and its Working Mechanism. Journal of Nanoscience and Nanotechnology, 2016, 16, 7380-7387.	0.9	5
2245	Nanostructured Si@C/NiCo₂O₄ heterostructures for a high performance supercapacitor. RSC Advances, 2016, 6, 15137-15142.	1.7	5
2246	Efficient Synthesis of All-Aryl Phenazasilines for Optoelectronic Applications. Australian Journal of Chemistry, 2016, 69, 419.	0.5	5
2247	Miniâ€Sized Carbon Nitride Nanosheets with Double Excitationâ€and pHâ€Dependent Fluorescence Behaviors for Twoâ€Photon Cell Imaging. Chemistry - an Asian Journal, 2017, 12, 835-840.	1.7	5
2248	Multiferroic- and bandgap-tuning in BiFeO3 nanoparticles via Zn and Y co-doping. Journal of Materials Science: Materials in Electronics, 2017, 28, 11338-11345.	1.1	5
2249	Furan-based diketopyrrolopyrrole chromophores: Tuning the spectroscopic, electrochemical and aggregation-induced fluorescent properties with various intramolecular donor-acceptor spacers. Journal of Molecular Structure, 2017, 1143, 168-175.	1.8	5
2250	Unexpected Oneâ€Pot Synthesis of Diindolotriazatruxene: A Planar Electronâ€Rich Scaffold Toward Highly Ï€â€Extended PAHs. Asian Journal of Organic Chemistry, 2017, 6, 1749-1754.	1.3	5

#	Article	IF	Citations
2251	Non-destructive plasma frequency measurement for a semiconductor thin film using broadband surface plasmon polaritons. Optics Communications, 2018, 410, 926-929.	1.0	5
2252	Efficient emissive fluorene-based pâ€“n conjugated porous materials for near-white electroluminescence: benefits of metal-free Friedelâ€“Crafts green polymerization. Journal of Materials Chemistry C, 2018, 6, 11968-11971.	2.7	5
2253	A Comparison Study of Physicochemical Properties and Stabilities of H-Shaped Molecule and the Corresponding Polymer. Chinese Journal of Polymer Science (English Edition), 2019, 37, 11-17.	2.0	5
2254	The influence of two-dimensional organic adlayer thickness on the ultralow frequency Raman spectra of transition metal dichalcogenide nanosheets. Science China Materials, 2019, 62, 181-193.	3.5	5
2255	Organicâ€“inorganic hybrid perovskite quantum dot light-emitting diodes using a graphene electrode and modified PEDOT:PSS. RSC Advances, 2019, 9, 20931-20940.	1.7	5
2256	A fully fused non-fullerene acceptor containing angular-shaped S,N-heteroacene and perylene diimide for additive-free organic solar cells. New Journal of Chemistry, 2019, 43, 13775-13782.	1.4	5
2257	Coaxial-cable hierarchical tubular MnO₂@Fe₃O₄@C heterostructures as advanced anodes for lithium-ion batteries. Nanotechnology, 2019, 30, 094002.	1.3	5
2258	Bilayer nanocarbon heterojunction for full-solution processed flexible all-carbon visible photodetector. APL Materials, 2019, 7, 031501.	2.2	5
2259	Me₃SiBr/InCl₃ catalyzed allylation of alcohols: Identifying the combined Lewis structure and investigating the reaction mechanism. Journal of Physical Organic Chemistry, 2019, 32, e3902.	0.9	5
2260	Highly oriented perovskites for efficient light-emitting diodes with balanced charge transport. Organic Electronics, 2020, 77, 105529.	1.4	5
2261	Improvement of memory characteristics for an organic charge trapping memory by introduction of PS tunneling layer. Organic Electronics, 2020, 87, 105967.	1.4	5
2262	Insights into the hole transport properties of LiTFSI-doped spiro-OMeTAD films through impedance spectroscopy. Journal of Applied Physics, 2020, 128, 085501.	1.1	5
2263	Solution-processed self-assemble engineering PDI derivative polymorphisms with optoelectrical property tuning in organic field-effect transistors. Organic Electronics, 2020, 83, 105777.	1.4	5
2264	Accurately Stoichiometric Regulating Oxidation States in Hole Transporting Material to Enhance the Hole Mobility of Perovskite Solar Cells. Solar Rrl, 2020, 4, 2000127.	3.1	5
2265	Molecule Recognition and Release Behavior of Naphthalenediimide Derivative via Supramolecular Interactions. Macromolecular Rapid Communications, 2021, 42, e2000655.	2.0	5
2266	N-Heterocyclic carbene-catalyzed [3 + 3] annulation of bromoenals with 2-aminochromones to access chromeno[2,3-b]pyridinones. Organic and Biomolecular Chemistry, 2021, 19, 4882-4886.	1.5	5
2267	Origin of Intramolecular Lowâ€Threshold Amplified Spontaneous Emission. Advanced Optical Materials, 2021, 9, 2001956.	3.6	5
2268	Electrospun Supramolecular Hybrid Microfibers from Conjugated Polymers: Color Transformation and Conductivity Evolution. Chinese Journal of Polymer Science (English Edition), 2021, 39, 824-830.	2.0	5

#	Article	IF	Citations
2269	Single-Metallic Thermoresponsive Coordination Network as a Dual-Parametric Luminescent Thermometer. ACS Applied Materials & Interfaces, 2021, 13, 35905-35913.	4.0	5
2270	Efficient inverted organic light-emitting devices using a charge-generation unit as electron-injection layers. Organic Electronics, 2021, 96, 106202.	1.4	5
2271	Performance enhancement of single layer organic light-emitting diodes using chlorinated indium tin oxide as the anode. RSC Advances, 2018, 8, 11255-11261.	1.7	5
2272	èžºèŠ´æ°§æ•è'½(SFX)ç±»æœ‰æœºåŠå¯¼ä½“å…‰å…¶OLEDs. Chinese Science Bulletin, 2015, 60, 1237-1250.	0.4	5
2273	High-refractive-index capping layer improves top-light-emitting device performance. Applied Optics, 2020, 59, 4114.	0.9	5
2274	Research Progress of Hole Transport Materials Based on Spiro Aromatic-Skeleton in Perovskite Solar Cells. Acta Chimica Sinica, 2021, 79, 1181.	0.5	5
2275	Charge-transfer pentacene/benzothiadiazole derivative cocrystal for UV-to-NIR Large Range Responsive Phototransistors. Organic Electronics, 2022, 100, 106363.	1.4	5
2276	Spiro-based diamond-type nanogrids (DGs) via two ways: â€˜A₁B₁â€™/â€˜A₂ + B₂â€™ type gridization of vertical spiro-based fluorenol synthons. Organic and Biomolecular Chemistry, 2021, 19, 10408-10416.	1.1	5
2277	Preparation of CdS nanoparticles at the monolayer of N-methyl-p-(p-tetradecyloxystyryl)pyridinium iodine. Materials Letters, 1997, 33, 221-223.	1.3	4
2278	An ab initio study on the thermal decomposition of Î³-thiobutyrolactone. Chemical Physics Letters, 1997, 265, 508-513.	1.2	4
2279	Ab initio study on thermal decomposition of Î³-butyrolactone. Chemical Physics Letters, 1999, 305, 474-482.	1.2	4
2280	Synthesis and Characterization of a Novel Green Photoluminescent Silicon-Containing Poly(p-phenylenevinylene). Bulletin of the Chemical Society of Japan, 1999, 72, 1941-1946.	2.0	4
2281	Tuning redox behavior and emissive wavelength of conjugated polymers by pâ€“n diblock structures â€” a theoretical investigation. Synthetic Metals, 2000, 110, 85-89.	2.1	4
2282	Modification of Si(100) surface by plasma-enhanced graft polymerization of allylpentafluorobenzene. Journal of Adhesion Science and Technology, 2001, 15, 1655-1672.	1.4	4
2283	Novel Water-soluble Light-emitting Materials Prepared by Noncovalently Bonded Self-assembly. Chemistry Letters, 2005, 34, 1164-1165.	0.7	4
2284	Effect of electric fields on photoluminescence of 4-(dicyanomethylene)-2-methyl-6-(p-dimethylaminostyryl)-4H-pyran. Applied Physics A: Materials Science and Processing, 2005, 80, 1753-1756.	1.1	4
2285	Influence of asymmetric adsorption on electronic states of molecule studied by scanning tunneling microscopy and spectroscopy. Chemical Physics Letters, 2009, 474, 132-136.	1.2	4
2286	Molecular Packing in Self-Assembled p-n and n-p-n Heterostructure Co-oligomers. Chinese Journal of Chemistry, 2010, 28, 1821-1828.	2.6	4

#	Article	IF	Citations
2287	Fabrication and Characterization of Networked Graphene Devices Based on Ultralarge Single-Layer Graphene Sheets. IEEE Nanotechnology Magazine, 2011, 10, 467-471.	1.1	4
2288	Synthesis and Crystal Structure of Charge-Transfer Salt (TTF)[Pt(mnt)2]. Journal of Chemical Crystallography, 2011, 41, 430-433.	0.5	4
2289	Catalyst-free synthesis of reduced graphene oxideâ€“carbon nanotube hybrid materials by acetylene-assisted annealing graphene oxide. Applied Physics Letters, 2012, 101, .	1.5	4
2290	Theoretical investigation on the electronic and optical properties of diarylfluorene-based Ï€-stacked molecules as supramolecular semiconductors. Chemical Physics Letters, 2013, 578, 150-155.	1.2	4
2291	Flexible white top-emitting organic light-emitting diode with a MoO_xroughness improvement layer. Chinese Physics B, 2013, 22, 128506.	0.7	4
2292	Solutionâ€processed highâ€performance orange phosphorescent and white PLEDs with a high colorâ€rendering index from an unprecedented Ï€â€stacked and Ï€â€conjugated host material. Journal of Polymer Science, Part B: Polymer Physics, 2014, 52, 587-595.	2.4	4
2293	Four emission bands from a mixed-ligand iridium complex IrQ(ppy)2 at room temperature. Optical Materials, 2014, 36, 1734-1738.	1.7	4
2294	In situ synthesis of NixCoyOzâ€“C composites with rod-like Ni@C as support for potential application in supercapacitors. RSC Advances, 2014, 4, 32047.	1.7	4
2295	A Waterâ€soluble Conjugated Polymer for Thiol Detection Based on "Turnâ€off" Effect. Chinese Journal of Chemistry, 2015, 33, 881-887.	2.6	4
2296	Water-soluble hyperbranched poly(phenyleneethynylene)s: Facile synthesis, characterization, and interactions with dsDNA. Polymer, 2015, 59, 93-101.	1.8	4
2297	A macrocyclic oligoelectrolyte as a facial platform for absorbing hyaluronic acid oligomers for targeted cancer cellular imaging. Polymer Chemistry, 2015, 6, 5295-5304.	1.9	4
2298	Si/NiCo₂O₄ heterostructures electrodes with enhanced performance for supercapacitor. RSC Advances, 2015, 5, 62813-62818.	1.7	4
2299	The enhancement of 21.2%-power conversion efficiency in polymer photovoltaic cells by using mixed Au nanoparticles with a wide absorption spectrum of 400 nmâ€“1000 nm. Chinese Physics B, 2015, 24, 045201.	0.7	4
2300	A Novel Method of Fabricating Flexible Transparent Conductive Large Area Graphene Film. Chinese Physics Letters, 2015, 32, 076802.	1.3	4
2301	Synthesis, structural characterization and reactivity of a bis(phosphine)(silyl) platinum(II) complex. Journal of Molecular Structure, 2015, 1097, 181-184.	1.8	4
2302	Supramolecular assemblies through hostâ€“guest interactions of 18-crown-6 with ammonium salts: geometric effects of amine groups on the hydrogen-bonding architectures. Supramolecular Chemistry, 2015, 27, 213-223.	1.5	4
2303	Preparation and Optoelectronic Applications of Two-Dimensional Nanocrystals Based on Metallo-Porphyrins. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2016, 32, 2447-2461.	2.2	4
2304	Synthesis, structural characterization and reactivity towards phenol of a bis(silyl) platinum(II) complex. Inorganica Chimica Acta, 2016, 451, 157-161.	1.2	4

#	Article	IF	Citations
2305	Palladium-catalyzed carbonylative annulation toward new [1,2,5]thiadiazole-fused heteroacenes for solution-processed field-effect transistors. Tetrahedron Letters, 2016, 57, 4452-4455.	0.7	4
2306	Crystallization behavior of hyperbranched polyethylenes with different degree of branching. Journal of Applied Polymer Science, 2016, 133, .	1.3	4
2307	Influence of Ï€â€“Ï€ Hyperconjugation Effect on Thermal, Morphological, and Photoelectronic Properties of Non-Conjugated Pyrene Derivatives. Journal of Physical Chemistry C, 2017, 121, 9230-9241.	1.5	4
2308	Synthesis, Structural Studies and Reactivity of Two cisâ€Bis(phosphine)bis(silyl) Palladium(<scp>II</scp>) Complexes. Chinese Journal of Chemistry, 2017, 35, 507-511.	2.6	4
2309	The Catalytic Properties of a Copper-Based Nanoscale Coordination Polymer Fabricated by a Solvent-Etching Top-Down Route. European Journal of Inorganic Chemistry, 2017, 2017, 4803-4807.	1.0	4
2310	Niâ€“Co Binary Hydroxide Nanotubes with Threeâ€Dimensionally Structured Nanoflakes: Synthesis and Application as Cathode Materials for Hybrid Supercapacitors. Chemistry - A European Journal, 2017, 23, 10133-10138.	1.7	4
2311	Polymerâ€“carbon dot hybrid structure for a self-rectifying memory device by energy level offset and doping. RSC Advances, 2018, 8, 13917-13920.	1.7	4
2312	Membrane Reconstitution of Monoamine Oxidase Enzymes on Supported Lipid Bilayers. Langmuir, 2018, 34, 10764-10773.	1.6	4
2313	Heptaâ€thienoacenes with Internal Carbazole: Synthesis, Regioselectivities and Organic Fieldâ€Effect Transistor Applications. Asian Journal of Organic Chemistry, 2018, 7, 2271-2278.	1.3	4
2314	High Triplet Energy Phosphine Sulfide Host Materials with Selectively Modulated Electrical Performance for Blue Electrophosphorescence. ACS Sustainable Chemistry and Engineering, 2019, 7, 15723-15728.	3.2	4
2315	In situ growth of monocrystal p-CuGaO₂ nanosheet as a hole transfer layer in a photoelectrode for solar hydrogen production. Journal Physics D: Applied Physics, 2019, 52, 405501.	1.3	4
2316	Topochemical pyrolytic synthesis of quasi-Mxene hybrids via ionic liquid-iron phthalocyanine as a self-template. Chemical Communications, 2019, 55, 771-774.	2.2	4
2317	Biomass-Templated Fabrication of Metallic Materials for Photocatalytic and Bactericidal Applications. Materials, 2019, 12, 1271.	1.3	4
2318	Influence of the molecular weight in P3HT block on fully conjugated block copolymers. Synthetic Metals, 2019, 253, 20-25.	2.1	4
2319	Investigation of Self-Assembly and Charge-Transport Property of One-dimensional PDI8-CN2 Nanowires by Solvent-Vapor Annealing. Materials, 2019, 12, 438.	1.3	4
2320	Photoswitchable probe with distinctive characteristics for selective fluorescence imaging and long-term tracing. RSC Advances, 2019, 9, 4812-4815.	1.7	4
2321	Synthesis and optoelectronic properties of spirofluorenexanthene-based carbazole host materials. New Journal of Chemistry, 2020, 44, 13439-13445.	1.4	4
2322	Flexible Metalâ€Free Memory Electronic Made of Ï€â€Conjugationâ€Interrupted Hyperbranched Polymer Switch and Reduced Graphene Oxide Electrodes. Macromolecular Materials and Engineering, 2020, 305, 2000050.	1.7	4

#	Article	IF	Citations
2323	A transparent flexible volatile memory with ultrahigh ON/OFF ratio and ultralow switching voltage. Organic Electronics, 2020, 82, 105708.	1.4	4
2324	Photothermal Responsive Singlet Oxygen Nanocarriers for Hypoxic Cancer Cell Ablation. ChemBioChem, 2021, 22, 2546-2552.	1.3	4
2325	Construction of Highly Proton-Conductive Zr(IV)-Based Metalâ€“Organic Frameworks From Pyrrolo-pyrrole-Based Linkers with a Rhombic Shape. Inorganic Chemistry, 2021, 60, 12129-12135.	1.9	4
2326	Fabrication of highly efficient blue top-emission organic light-emitting diodes on different reflective electrodes. Organic Electronics, 2021, 95, 106197.	1.4	4
2327	The coordinated tunning optical, electrical and thermal properties of spiro-configured phenyl acridophopsphine oxide and sulfide for host materials. Organic Electronics, 2021, 95, 106193.	1.4	4
2328	Interface Passivation and Hole Injection Improvement of Solutionâ€Processed White Organic Lightâ€Emitting Diodes through Embedding an Ultrathin Graphene Oxide Layer. Advanced Materials Interfaces, 2021, 8, 2100794.	1.9	4
2329	Applications of Hyaluronic Acid Nanomaterials in Fluorescence/Photoacoustic Imaging and Phototherapy. Acta Chimica Sinica, 2021, 79, 1097.	0.5	4
2330	High-efficiency solution-processed WOLEDs with very high color rendering index based on a macrospirocyclic oligomer matrix host. Optical Materials Express, 2018, 8, 3208.	1.6	4
2331	Progress of the improved mobilities of organic field-effect transistors based on dielectric surface modification. Wuli Xuebao/Acta Physica Sinica, 2012, 61, 228502.	0.2	4
2332	Strategy to modify the properties of polyfluorene by incorporating dimethoxyl-biphenyl at different type of connection site. Journal of Photonics for Energy, 2020, 10, 1.	0.8	4
2333	Color regulation for Eu(tta)₃phen/E7 composites by interaction between Eu(<scp>iii</scp>) complexes and liquid crystals. Journal of Materials Chemistry C, 2022, 10, 6435-6443.	2.7	4
2334	Enhancing the Deep-Blue Emission Property of Wide Bandgap Conjugated Polymers through a Self-Cross-Linking Strategy. ACS Applied Polymer Materials, 2022, 4, 2283-2293.	2.0	4
2335	A Molecular Design Principle for Pure-Blue Light-Emitting Polydiarylfluorene with Suppressed Defect Emission by the Side-Chain Steric Hindrance Effect. Macromolecules, 2022, 55, 3335-3343.	2.2	4
2336	Organic molecular crystal with a high ultra-deep-blue emission efficiency of âˆ¼85% for low-threshold laser. Dyes and Pigments, 2022, 204, 110425.	2.0	4
2337	Pressure Tunable van Hove Singularities of Twisted Bilayer Graphene. Nano Letters, 2022, 22, 5841-5848.	4.5	4
2338	In situx-ray photoelectron spectroscopy study of evaporated magnesium on chemically synthesized polypyrrole films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2001, 19, 2680-2688.	0.9	3
2339	AMPHIPHILIC COMB-SHAPED DIBLOCK POLYMER BRUSHES ONSi(100) SUBSTRATES VIA SURFACE-INITIATED ATOM TRANSFER RADICAL POLYMERIZATION. Surface Review and Letters, 2006, 13, 251-257.	0.5	3
2340	Synthesis and Optical Properties of Starburst Carbazoles Based on 9-Phenylcarbazole Core. Synlett, 2006, 2006, 2841-2845.	1.0	3

#	Article	IF	Citations
2341	Covalent integration of luminescent Eu (III) complex onto composite conductors or semiconducting substrates by grafting with organosilane. Thin Solid Films, 2008, 517, 469-473.	0.8	3
2342	Extracting the Single-Molecule Fluorescence Trajectories of Folding Protein in Single-Pair Fluorescence Resonance Energy Transfer Experiment. Journal of Nanoscience and Nanotechnology, 2009, 9, 1176-1180.	0.9	3
2343	Di-Î¼2-cyanido-dicyanidobis{2,2â€²-[ethane-1,2-diylbis(nitrilomethylidyne)]diphenolato}(1,4,8,11-tetraazacyclotetradecane)dichromium(III) methanol disolvate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m661-m662.	0.2	3
2344	Photoluminescence properties of copolymers with iridium-complex Ir(thq)2(dbm) units in the fluorene main chain. Physics Procedia, 2011, 14, 34-37.	1.2	3
2345	High-contrast top-emitting organic light-emitting devices. Chinese Physics B, 2012, 21, 108506.	0.7	3
2346	Supramolecular Organic Salts Constructed from 6-Hydroxyquinoline and Nitrobenzoic Acids. Journal of Chemical Crystallography, 2012, 42, 905-910.	0.5	3
2347	Three-dimensional lanthanide coordination polymers with p-phenylenediacrylates: Syntheses, structures, and properties. Inorganica Chimica Acta, 2012, 384, 184-188.	1.2	3
2348	Photophysical properties of chirality: Experimental and theoretical studies of (R)- and (S)-binaphthol derivatives as a prototype case. Chemical Physics, 2013, 412, 34-40.	0.9	3
2349	Alternating pyreneâ€“fluorene linear copolymers: Influence of non-conjugated and conjugated pyrene on thermal and optoelectronic properties. Synthetic Metals, 2013, 174, 33-41.	2.1	3
2350	Pyrene substituted terfluorenes: special influence of non-conjugated pyrene group on thermal and electroluminescent properties. Materials Research Innovations, 2013, 17, 408-415.	1.0	3
2351	Ï€-Conjugated Molecules Based on Truxene Cores and Pyrene Substitution: Synthesis and Properties. Journal of Chemical Research, 2013, 37, 242-247.	0.6	3
2352	Efficient Green Organic Light-Emitting Devices Based on a Solution-Processable Starburst Molecule. Chinese Physics Letters, 2013, 30, 098501.	1.3	3
2353	Luminescent and thermal properties of a novel red-emitting silicon fluoride acrylate-Eu(III) copolymer for white LEDs. Materials Chemistry and Physics, 2014, 147, 777-782.	2.0	3
2354	Substituent effect of fulleropyrrolidine acceptors on bilayer organic solar cells. Synthetic Metals, 2014, 187, 118-122.	2.1	3
2355	Research of carrier mobility in NPD through negative differential susceptance spectra. EPJ Applied Physics, 2014, 68, 30202.	0.3	3
2356	THz mode-coupling in photonic-crystalâ€“surface-plasmon-coupled waveguides. Applied Physics B: Lasers and Optics, 2015, 118, 387-392.	1.1	3
2357	Multi-color Poly(Fluorenylene Ethynylene)s with On-Chain Phosphorescent Iridium(III) Complexes Through Energy Transfer. Journal of Inorganic and Organometallic Polymers and Materials, 2015, 25, 720-729.	1.9	3
2358	Memory Behaviors Based on ITO/Graphene Oxide/Al Structure. Chinese Physics Letters, 2015, 32, 077201.	1.3	3

#	Article	IF	Citations
2359	Improved amplified spontaneous emission of organic gain media with metallic electrodes by introducing a low-loss solution-processed organic interfacial layer. RSC Advances, 2016, 6, 49903-49909.	1.7	3
2360	Inverted polymer light-emitting devices using a conjugated starburst macromolecule as an interlayer. RSC Advances, 2016, 6, 84342-84347.	1.7	3
2361	Investigation of terahertz surface plasmon modulation with optical injection of free carriers. Optical Engineering, 2016, 55, 064109.	0.5	3
2362	Enhanced performance of poly(3-hexylthiophene-2,5-diyl):[6,6]-phenyl-C61-butyric acid methyl ester solar cells by UV irradiation. Thin Solid Films, 2016, 600, 136-141.	0.8	3
2363	Three alkaline earth metal-organic frameworks based on fluorene-containing carboxylates: syntheses, structures and properties. Science China Chemistry, 2017, 60, 115-121.	4.2	3
2364	Intramolecular oxidative cyclodehydrogenation route for the synthesis of strap-like conjugated polymers. RSC Advances, 2017, 7, 10763-10773.	1.7	3
2365	Highly pH-responsive sensor based on amplified spontaneous emission coupled to colorimetry. Scientific Reports, 2017, 7, 46265.	1.6	3
2366	Engineering the mobility increment in pentacene-based field-effect transistors by fast cooling of polymeric modification layer. Journal Physics D: Applied Physics, 2017, 50, 215107.	1.3	3
2367	Zeolites as host matrix for luminescent carbon dots: a new class of thermally activated delayed fluorescence materials with 350 ms delayed decay time. Science China Chemistry, 2017, 60, 1147-1148.	4.2	3
2368	White Organic Light-Emitting Diodes Based on Exciton and Electroplex Dual Emissions. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2017, 33, 1057-1064.	2.2	3
2369	Preparation of nonâ€covalent Metalloporphyrin/C₆₀ Composite and its Electrocatalysis to Hydrogen Peroxide. Electroanalysis, 2017, 29, 696-701.	1.5	3
2370	Heteroepitaxial growth of ferroelectric films on Si substrates and their applications in waveguides and electro-optics. Journal of Alloys and Compounds, 2018, 749, 967-971.	2.8	3
2371	Excellent Chargeâ€Storage Properties of Polystyrene/SFXs Electret Films by Repeated Contact with an AFM Probe. Physica Status Solidi (B): Basic Research, 2018, 255, 1700611.	0.7	3
2372	Rational design of fluorescent probe for Hg2+ by changing the chemical bond type. RSC Advances, 2018, 8, 12276-12281.	1.7	3
2373	Ligand-displacement-based two-photon fluorogenic probe for visualizing mercapto biomolecules in live cells, Drosophila brains and zebrafish. Analyst, The, 2018, 143, 3433-3441.	1.7	3
2374	Wash-induced multicolor tuning of carbon nano-dot/micro-belt hybrids with full recyclability and stable color convertibility. Nanoscale, 2019, 11, 14592-14597.	2.8	3
2375	A Recyclable Nanocarbon White Emitter via the Synergy between Carbon Dots and Organic Sheet. ACS Sustainable Chemistry and Engineering, 2019, 7, 14677-14684.	3.2	3
2376	Intramolecular Catalyst Transfer over Sterically Hindered Arenes in Suzuki Crossâ€Coupling Reactions. Asian Journal of Organic Chemistry, 2019, 8, 1506-1512.	1.3	3

#	Article	IF	Citations
2377	Asymmetric Molecular Conformation of Steric Terfluorene toward Constructing Polyhedral Microcrystals for Deep-Blue Lasers. Journal of Physical Chemistry C, 2019, 123, 10000-10006.	1.5	3
2378	De-embedding zero-field signal in high-frequency magneto-impedance measurements of soft ferromagnetic materials. Journal of Magnetism and Magnetic Materials, 2019, 484, 424-429.	1.0	3
2379	High crystalline small molecule manipulates polymer-fullerene morphology and enables 20% improvement in fill factor and device performance. Organic Electronics, 2020, 77, 105419.	1.4	3
2380	Evoking Synergetic Effect of Dual Thermally Activated Delayed Fluorescent Hosts for High-Efficiency Sensitized Fluorescent Organic Light-Emitting Diodes. Journal of Physical Chemistry C, 2020, 124, 1836-1843.	1.5	3
2381	Unique ssDNA-Induced Fluorescence Enhancement of a Conjugated Polymer Brush for Label-Free Sensing of S1 Nuclease and ATP. IEEE Sensors Journal, 2020, 20, 6920-6927.	2.4	3
2382	Tunable excitonic properties in two-dimensional heterostructures based on solution-processed PbI2 flakes. Journal of Materials Science, 2020, 55, 10656-10667.	1.7	3
2383	Charge trapping in the films blended with polystyrene and different cyano-substituted spirofluorenes organic small molecules. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	3
2384	Improving the out-coupling efficiency of polymer light-emitting diodes with soft nanoimprinted random corrugated structures. Journal of Applied Physics, 2020, 127, .	1.1	3
2385	Asymmetric Thermally Activated Delayed Fluorescence Materials With Aggregation-Induced Emission for High-Efficiency Organic Light-Emitting Diodes. Frontiers in Chemistry, 2020, 8, 49.	1.8	3
2386	Concepts of the HOMO and LUMO Traps from the Carrier Dynamics of Organic Semiconductor Isomers Î±-NPB and Î²-NPB. Journal of Physical Chemistry C, 2020, 124, 2782-2790.	1.5	3
2387	Improved efficiency of single-component active layer photovoltaics by optimizing conjugated diblock copolymers. New Journal of Chemistry, 2020, 44, 2714-2720.	1.4	3
2388	Supramolecular Nonâ€Helical Oneâ€Dimensional Channels and Microtubes Assembled from Enantiomers of Difluorenol. Angewandte Chemie - International Edition, 2021, 60, 3979-3983.	7.2	3
2389	Iodide ion receptors: shape-persistent macrocycles of syn/anti configurations. New Journal of Chemistry, 2021, 45, 6796-6802.	1.4	3
2390	High-k polymer dielectrics with different cross-linked networks for nonvolatile transistor memory device. Organic Electronics, 2021, 96, 106222.	1.4	3
2391	SYNTHESIS, CHARACTERIZATION AND QUENCHING BEHAVIOR OF A CATIONIC POLY(p-PHENYLENEVINYLENE) RELATED COPOLYMER. Chinese Journal of Polymer Science (English Edition), 2009, 27, 889.	2.0	3
2392	Cyano-substituted Spiro[fluorine-9,9'-xanthene] Derivatives: Exciplex Emission and Property Manipulation. Acta Chimica Sinica, 2020, 78, 680.	0.5	3
2393	An organic field effect transistor memory adopting octadecyltrichlorosilane self-assembled monolayer. Journal Physics D: Applied Physics, 2021, 54, 095106.	1.3	3
2394	Efficient tandem organic light-emitting diodes with non-doped structures. Optics Letters, 2020, 45, 6450.	1.7	3

#	Article	IF	Citations
2395	A cerium oxide-based nanomedicine for pH-triggered chemodynamic/chemo combination therapy. Journal of Materials Chemistry B, 2022, 10, 1403-1409.	2.9	3
2396	Deterministic and Scalable Generation of Exciton Emitters in 2D Semiconductor Nanodisks. Advanced Optical Materials, 2022, 10, .	3.6	3
2397	Confining Carboxylized Carbon Nanotube for Phosphorescence Afterglow with Optical Memory Plasticity. Advanced Optical Materials, 2022, 10, .	3.6	3
2398	Universal 4-qualifiable fluorene-based building blocks for potential optoelectronic applications. Chinese Chemical Letters, 2022, 33, 5137-5141.	4.8	3
2399	Temperature-induced self-assembly transformation: an effective external stimulus on 2D supramolecular structures. New Journal of Chemistry, 2022, 46, 9965-9974.	1.4	3
2400	An AIPH-decorated semiconducting nanoagonist for NIR-II light-triggered photothermic/thermodynamic combinational therapy. Chemical Communications, 2022, 58, 7400-7403.	2.2	3
2401	Strong Neel Ordering and Luminescence Correlation in a Twoâ€Dimensional Antiferromagnet. Laser and Photonics Reviews, 0, , 2100431.	4.4	3
2402	Adaptive and Remote Thermoregulation Enabled with a Highly Stable Transparent Flexible Heating Film. ACS Applied Energy Materials, 2022, 5, 8892-8899.	2.5	3
2403	Organic Hollow Microstructures with Room Temperature Phosphorescence. Advanced Optical Materials, 2022, 10, .	3.6	3
2404	A reversible electrical memory switching and its microscopic mechanism in amorphous (NCTA)2Ni(DMIT)2 thin films. Materials Chemistry and Physics, 1997, 49, 179-183.	2.0	2
2405	He I and He II photoelectron spectra of Î³-thionobutyrolactones and Î³-butyrolactones. Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 91-96.	0.8	2
2406	The Photoelectron Spectrum of 2,2â€²-Bitellurophene. Journal of Chemical Research Synopses, 1998, , 438-439.	0.3	2
2407	Synthesis of blue light emitting copolymers by oxidative coupling reaction. Synthetic Metals, 2003, 135-136, 201-202.	2.1	2
2408	CADMIUM TELLURIDE NANOCRYSTALS: SYNTHESIS, GROWTH MODE AND EFFECT OF REACTION TEMPERATURE ON CRYSTAL STRUCTURES. Nano, 2008, 03, 109-115.	0.5	2
2409	A model for THz silicon nanotube transistor. , 2010, , .		2
2410	Theoretical study of the electronic ground states and low-lying singlet excited states of thiophene-based spirofluorenes. Science China: Physics, Mechanics and Astronomy, 2011, 54, 884-889.	2.0	2
2411	Vibrational spectroscopy study on Î± and Î² phases in iridiumâ€complexâ€containing polyfluorenes. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 2713-2716.	0.8	2
2412	Single-Walled Carbon Nanotube Networked Field-Effect Transistors Functionalized with Thiolated Heme for NO 2 Sensing. Chinese Physics Letters, 2011, 28, 127304.	1.3	2

#	Article	IF	Citations
2413	Bis(tri-2-pyridylamine)nickel(II) bis(perchlorate). Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m78-m78.	0.2	2
2414	A thermal stable cathode buffer based on an inexpensive tetranuclear zinc(II) complex for organic photovoltaic devices. Science China Chemistry, 2012, 55, 2562-2566.	4.2	2
2415	Effect of metal centres and substituents on the structure and optoelectronic properties of diarylethene compounds: A theoretical study. Science China Chemistry, 2013, 56, 137-147.	4.2	2
2416	An unusual (3,4)-connected cubic-C3N4 type network constructed with [FeIII(Tp)(CN)3]â^' (Tpâ^' =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	2
2417	Diarylfluorene-Based Shape-Persistent Organic Nanomolecular Frameworks via Iterative Friedel-Crafts Protocol toward Multicomponent Organic Semiconductors. Journal of Nanomaterials, 2013, 2013, 1-8.	1.5	2
2418	The enhanced phosphorescence from Alq3 fluorescent materials by phosphor sensitization. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 291, 44-47.	2.0	2
2419	Organic Electronics, a Promising King of Freedom to Change Future Life Style of Human Being. Chinese Journal of Chemistry, 2015, 33, 803-805.	2.6	2
2420	Morphologyâ€Tunable Fluorescent Nanoparticles: Synthesis, Photophysical Properties and Twoâ€Photon Cell Imaging. Chinese Journal of Chemistry, 2015, 33, 888-896.	2.6	2
2421	Synthesis of Water-Soluble Iridium (III)-Containing Nanoparticles for Biological Applications. Journal of Chemistry, 2015, 2015, 1-7.	0.9	2
2422	Semiconducting polymer dots with phosphorescent Ir(III)-complex for photodynamic cancer therapy. Journal of Controlled Release, 2015, 213, e43.	4.8	2
2423	Synthesis, structural characterizationâ€š and reactivity of a bis(phosphine)(silyl) platinum(II) complex. Journal of Coordination Chemistry, 2015, 68, 4203-4211.	0.8	2
2424	Selective Introduction of Carbazole and Diphenylamine into Spirofluorenexanthene Core for Different Phosphorescent Hosts. Chinese Journal of Chemistry, 2016, 34, 771-777.	2.6	2
2425	Synthesis, structural characterization and reactivity towards methanol of a bis(silyl)platinum(II) complex bearing a chelating depe ligand. Inorganica Chimica Acta, 2016, 446, 93-96.	1.2	2
2426	Effects of Anionic Geometries on Hydrogen-Bonding Networks of 1-(4-pyridyl) Piperazine. Journal of Chemical Crystallography, 2016, 46, 309-323.	0.5	2
2427	Surface-controlled preparation of EuWO4(OH) nanobelts and their hybrid with Au nanoparticles as a novel enzyme-free sensing platform towards hydrogen peroxide. Chemical Communications, 2017, 53, 5063-5066.	2.2	2
2428	Comparative study on doping effects in Bi1â^'xDyxFe1â^'yMnyO3 nanoparticles fabricated by sol-gel technique. Ceramics International, 2017, 43, 11529-11533.	2.3	2
2429	Controllable memristive patterns in poly(9,9-dioctylfluorene)-based sandwich device. Organic Electronics, 2017, 49, 313-320.	1.4	2
2430	A 2D Metalâ€Organic Framework Based on 9â€(Pyridinâ€4â€yl)â€9Hâ€carbazoleâ€3,6â€dicarboxylic Acid: Synthesis, Structure and Properties. Chinese Journal of Chemistry, 2017, 35, 1869-1874.	2.6	2

#	Article	IF	Citations
2431	Oxidation for unsymmetrical bromo-1,10-phenanthrolines and subsequent hydroxylation, decarbonylation and chlorination reactions. Tetrahedron, 2018, 74, 4495-4503.	1.0	2
2432	Theoretical Exploration of Carrier Dynamics in Amorphous Pyreneâ€“Fluorene Derivative Organic Semiconductors. ACS Omega, 2019, 4, 14124-14132.	1.6	2
2433	From Intrinsic Bipolar Transport to the Abnormal Curves of Mobilityâ€“E^{1/2} in the Common Hole-Transporting Materials. Journal of Physical Chemistry C, 2019, 123, 18264-18269.	1.5	2
2434	Enhancing Photovoltaic Performance by Cathode Interfacial Modification with Inorganic/Organic Gradient Diffusion Structures. ACS Sustainable Chemistry and Engineering, 2019, , .	3.2	2
2435	A novel dual-band filter based on single-cavity CTSRR-loaded triangular substrate-integrated waveguide. International Journal of Microwave and Wireless Technologies, 2019, 11, 894-898.	1.5	2
2436	Influence of the intramolecular donor-acceptor distance on the performance of double-cable polymers. European Polymer Journal, 2019, 112, 38-44.	2.6	2
2437	Lowâ€“threshold sky-blue gain medium from a Triazine-capped ladder-type oligomer neat film. Organic Electronics, 2020, 76, 105452.	1.4	2
2438	Design, synthesis and evaluation of protein disulfide isomerase inhibitors with nitric oxide releasing activity. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126898.	1.0	2
2439	Tandem energy upconversion in a conjugated polymer-sensitized core/shell nanocrystal. Inorganic Chemistry Communication, 2020, 111, 107640.	1.8	2
2440	In Situ Formation of Ag₂MoO₄ in a Ag/MoO₃ Buffer Layer Enables Highly Efficient Inverted Perovskite Cell for a Tandem Structure. ACS Applied Energy Materials, 2020, 3, 9742-9749.	2.5	2
2441	Ultrasmall Polymer Nanoparticles Formed by Instantaneous Nanosplitting of Surfactant-Free Emulsion. Langmuir, 2020, 36, 7933-7942.	1.6	2
2442	The Dimensionality Transition between Three-Dimensional and Two-Dimensional Organic Microcrystals: Specific Symmetry and Selective Adhesion. ACS Omega, 2020, 5, 3749-3754.	1.6	2
2443	Syntheses, structures, and properties of four coordination polymers based on 2,7â€di(pyridinâ€4â€yl)â€9 H â€fluorenâ€9â€one. Applied Organometallic Chemistry, 2020, 34, e5477.	1.7	2
2444	Application of Nanoscale Zwitterionic Polyelectrolytes Brush with High Stability and Quantum Yield in Aqueous Solution for Cell Imaging. Journal of Chemistry, 2020, 2020, 1-13.	0.9	2
2445	Self-Assembly and Polymorphic Transformation of Butterfly-Shaped Organic Nanocrystals from a Windmill-like Bulky Small Molecule. Crystal Growth and Design, 2021, 21, 1113-1121.	1.4	2
2446	Functional Carbazoleâ€Fullerene Complexes: A New Perspective of Carbazoles Acting as Nanoâ€Octopus to Capture Globular Fullerenes. Chemistry - A European Journal, 2021, 27, 10448-10455.	1.7	2
2447	A phase separation strategy for precisely controllable writing voltage of polymer flash memory. Applied Surface Science, 2021, 558, 149864.	3.1	2
2448	Molecular conformational transition of chiral conjugated enantiomers dominated by Wallach's rule. Journal of Materials Chemistry C, 2021, 9, 6991-6995.	2.7	2

#	Article	IF	Citations
2449	A zwitterionic red-emitting water-soluble conjugated polymer with high resistance to nonspecific binding for two-photon cell imaging and good singlet oxygen production capability. New Journal of Chemistry, 2021, 45, 15607-15617.	1.4	2
2450	Compact terahertz spectrometer based on sequential modulation of disordered rough surfaces. Optics Letters, 2019, 44, 6061.	1.7	2
2451	Application of Fused-Heterocyclic Compounds in Red Phosphorescent Iridium(III) Complexes. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2012, 28, 1556-1569.	2.2	2
2452	Flexible Diodes/Transistors Based on Tunable p-n-Type Semiconductivity in Graphene/Mn-Co-Ni-O Nanocomposites. Research, 2021, 2021, 9802795.	2.8	2
2453	Biotinylated Water-Soluble Conjugated Polymersï¼šSynthesis and the Application in Biological Analysis. Acta Chimica Sinica, 2014, 72, 440.	0.5	2
2454	Hierarchical Nanowire Architectures Selfâ€Assembled from Ultraâ€Deepâ€Blue Fluoreneâ€Based Conjugated Molecules toward Organic Lightâ€Emitting Diodes with CIE_yÂ= 0.06. Advanced Optical Materials, 2022, 10, .	3.6	2
2455	Effect of K Doping on the Performance of Aqueous Solutionâ€Processed Cu(In,Ga)Se ₂ Solar Cell. Advanced Energy and Sustainability Research, 0, , 2200006.	2.8	2
2456	Two-dimensional molecular crystalline semiconductors towards advanced organic optoelectronics. Nano Research, 2022, 15, 9554-9572.	5.8	2
2457	The morphological study of liquid crystalline copolyesters based on PET and PHB. Journal of Materials Science Letters, 1997, 16, 846-849.	0.5	1
2458	He I and He II photoelectron spectra of 2(3H)-furanone and 5-methyl-2(3H)-furanone. Journal of Electron Spectroscopy and Related Phenomena, 1998, 94, 1-5.	0.8	1
2459	Unusual Solvatochromism of a New Conjugated Polymer Containing Oxadiazole. Chemistry Letters, 1998, 27, 273-274.	0.7	1
2460	The chemical, electrochemical synthesis and properties of poly[(4-decylthiophene-2,5-diyl)(2,2â€²-biphenyl)(4-decylthiophene-2,5-diyl)]. Synthetic Metals, 2002, 126, 69-74.	2.1	1
2461	In situ interfacial analysis of evaporated potassium on the electroluminescent fluorene-thiophene copolymer. Surface and Interface Analysis, 2002, 33, 552-558.	0.8	1
2462	Synthesis of luminescent polyurethane with Ï€-conjugated segment in main chain. Journal of Materials Science, 2006, 41, 3159-3162.	1.7	1
2463	Theoretical study on single-molecule spectroscopy. Frontiers of Physics in China, 2006, 1, 405-411.	1.0	1
2464	Molecular weight tuning and spectral studies of novel CNâ€PPVs via Gilch reaction route. Journal of Applied Polymer Science, 2007, 106, 4124-4130.	1.3	1
2465	Polyfluorenes with On-Chain Metal Centers. , 2008, , 125-144.		1
2466	Self-assembly of a novel alternant amphiphilic poly(OPE-alt-TEO) copolymer: from nanowires to twist fibrillar architectures with molecular dimensions. Physical Chemistry Chemical Physics, 2009, 11, 167-171.	1.3	1

#	Article	IF	Citations
2467	The investigation of light outcoupling in blue top-emitting OLEDs. , 2010, , .		1
2468	Study on incomplete fluorescence quenching of cationic poly(pâ€phenylenevinylene)s with different contents of cisâ€•and transâ€vinylic linkages. Journal of Polymer Science Part A, 2010, 48, 336-341.	2.5	1
2469	Theoretical study of photon emission from single quantum dot emitter coupled to surface plasmons. Frontiers of Physics, 2011, 6, 313-319.	2.4	1
2470	3-Aminobenzonitrileâ€“3,5-dinitrobenzoic acid (1/1). Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2833-o2833.	0.2	1
2471	Enhancement of Efficiency and Lifetime of Blue Organic Light-Emitting Diodes Using Two Dopants in Single Emitting Layer. Advances in Materials Science and Engineering, 2012, 2012, 1-4.	1.0	1
2472	Stable Organic Field Effect Transistors with Low-Cost MoO 3 /Al Source-Drain Electrodes. Chinese Physics Letters, 2013, 30, 028501.	1.3	1
2473	Transition metal oxide as anode interface buffer for impedance spectroscopy. EPJ Applied Physics, 2015, 72, 30201.	0.3	1
2474	Optical modulation of terahertz surface plasmon propagated on surfaces of semiconductors. , 2015, , .		1
2475	Cyclopentadithiophene based branched polymer electrets synthesized by friedelâ€“crafts polymerization. Journal of Polymer Science Part A, 2016, 54, 3140-3150.	2.5	1
2476	Reduced quenching effects of organic gain media with metallic electrodes via introducing a conjugated macroelectrolyte interlayer. Journal of Applied Physics, 2017, 121, 035301.	1.1	1
2477	Stable pureâ€blue emission of poly(9,9â€dioctylfluorene) via suppression of the green emission. Journal of Applied Polymer Science, 2017, 134, .	1.3	1
2478	Lasing: Host Exciton Confinement for Enhanced FÃ¶rster-Transfer-Blend Gain Media Yielding Highly Efficient Yellow-Green Lasers (Adv. Funct. Mater. 17/2018). Advanced Functional Materials, 2018, 28, 1870115.	7.8	1
2479	Molecular Dual-Rotators with Large Consecutive Emission Chromism for Visualized and High-Pressure Sensing. ACS Omega, 2018, 3, 717-723.	1.6	1
2480	Effects of Weak Hydrogen-Bonding Interactions on Supramolecular Assemblies of N,N-Dimethyl-1-admantylamine. Journal of Chemical Crystallography, 2018, 48, 54-63.	0.5	1
2481	Rapid and Reusable Detection of Interferon-Gamma Based on Label-Free Single-Stranded DNA and Thioflavin T. IEEE Sensors Journal, 2018, 18, 2313-2317.	2.4	1
2482	Constructing soft-conjugated materials from small molecules to polymers: a theoretical study. Theoretical Chemistry Accounts, 2018, 137, 1.	0.5	1
2483	Membraneâ€Targetable Probes for Hg²⁺ Detection in Live Cells and Paperâ€Based Devices. ChemistrySelect, 2018, 3, 9865-9871.	0.7	1
2484	Utilization of triplet excited states in organic semiconductors. Journal of Semiconductors, 2019, 40, 070402.	2.0	1

#	Article	IF	Citations
2485	Overdamping Carrier Transport and Quantitative Thermodynamic Analyses of Traps in Organic Semiconductor NPB. Journal of Physical Chemistry C, 2019, 123, 28015-28020.	1.5	1
2486	Pressure-induced metallization of black arsenic. Journal of Physics Condensed Matter, 2019, 31, 505501.	0.7	1
2487	Wellâ€defined structures and nanoscale morphology for allâ€conjugated BCPs. Micro and Nano Letters, 2019, 14, 928-931.	0.6	1
2488	The interface effect between ZIXLIB crystal surface and C60: Strong charge-transfer (CT) vs weak CT state. Chemical Physics Letters, 2019, 730, 266-270.	1.2	1
2489	Intentional anion incorporation to rationally modulate the size, shape and optical properties of lanthanide oxide nanocrystals. Nanoscale, 2019, 11, 5633-5639.	2.8	1
2490	Isolation of two bis(silyl)nickel complexes with Siâ€“Si bond formation in a single-crystal-to-single-crystal fashion. Dalton Transactions, 2019, 48, 3433-3439.	1.6	1
2491	Abnormal Carrier Dynamics of Nonâ€Doped â€œPâ€Typeâ€•Poly(N â€vinylcarbazole). Macromolecular Chemistry and Physics, 2020, 221, 2000329.	1.1	1
2492	Two novel neutral and ionic Ir(iii) complexes based on the same bipolar main ligand: a comparative study of their photophysical properties and applications in solution-processed red organic light-emitting diodes. New Journal of Chemistry, 2020, 44, 11310-11315.	1.4	1
2493	The influence of Ca doping in Bi2O2Se: A first-principles investigation. Computational Materials Science, 2020, 179, 109684.	1.4	1
2494	Supramolecular Nonâ€Helical Oneâ€Dimensional Channels and Microtubes Assembled from Enantiomers of Difluorenol. Angewandte Chemie, 2021, 133, 4025-4029.	1.6	1
2495	The Effect of Shallow Trap Density on the Electrical Characteristics of an Organic Nonvolatile Memory Device Based on Eight-Hydroxyquinoline. IEEE Transactions on Electron Devices, 2021, 68, 1235-1241.	1.6	1
2496	Lateral current suppression in tandem organic light-emitting diodes by adopting a buffer layer. Organic Electronics, 2021, 100, 106353.	1.4	1
2497	Preparation of CdS nanoparticles at the monolayer of a positively charged surfactant. , 1998, , 261-264.		1
2498	cis-Diaquabis(2,2â€²,2â€²â€²-tripyridylamine)zinc(II) bis(perchlorate). Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m1424-m1424.	0.2	1
2499	Admittance spectra method in research of organic semiconductors. Chinese Science Bulletin, 2011, 56, 2835-2845.	0.4	1
2500	SYNTHESIS AND CHARACTERIZATION OF A WATER-SOLUBLE POLY(FLUORENE-<I>co</I>-THIOPHENE) AND ITS FLUORESCENCE QUENCHING BY PROTEINS. Acta Polymerica Sinica, 2011, 011, 724-728.	0.0	1
2501	Application of Iridium(III) Complexes in Phosphorescent Chemosensors. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2012, 28, 739-750.	2.2	1
2502	Preparation of Three-Dimensional Carbon Microtube/Carbon Nanotube Composites and Their Application in Supercapacitor. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2012, 28, 2269-2275.	2.2	1

#	Article	IF	Citations
2503	Synthesis and Optoelectronic Properties of a Solution-Processable Anthraquinone/Fluorene Hybrid Bipolar Fluorescent Material. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2016, 32, 2346-2354.	2.2	1
2504	Synthesis and Characterization of Starburst Conjugated Molecules with Multiplep-nBranches for Narrow Band Gap Modulation. Acta Chimica Sinica, 2013, 71, 20130905.	0.5	1
2505	Investigation of Conjugated Polymers for Metal Ion Sensing. Acta Chimica Sinica, 2013, 71, 1379.	0.5	1
2506	Highly Sensitive Protein Biosensor based on a Conjugated Polymer Brush. Acta Chimica Sinica, 2016, 74, 664.	0.5	1
2507	One-Step Synthesis of Spirobi[fluorene] and Spiro[fluorene-9,9â€²-xanthene] Derivatives and Their Applications in Organic Light-Emitting Devices: Performance Enhancement and Related Optical Phenomena. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2016, 32, 1534-1542.	2.2	1
2508	Photopolymerisable liquid crystals for additive manufacturing. Additive Manufacturing, 2022, 55, 102861.	1.7	1
2509	Revealing excited-state dynamics of type I zinc phthalocyanine photosensitizer for photodynamic therapy. Scientia Sinica Chimica, 2022, 52, 1384-1392.	0.2	1
2510	Realization of Oriented and Nanoporous Bismuth Chalcogenide Layers via Topochemical Heteroepitaxy for Flexible Gas Sensors. Research, 2022, 2022, .	2.8	1
2511	Synthesis, characterization and optical properties of cationic phenyl-substituted poly(p-phenylenevinylene) related copolymers. , 0, , .		0
2512	Synthesis and Optical Properties of Ethynylene-Linked Starburst Oligofluorene Based on Hexahexyltruxene. Synlett, 2007, 2007, 3145-3148.	1.0	0
2513	The colour-tuning effect of 2,9-dimethyl-4,7-diphenyl-1, 10-phenanthroline in blueâ€“red organic light-emitting devices. Journal Physics D: Applied Physics, 2007, 40, 4442-4446.	1.3	0
2514	Bandgaps enigeering in light-emitting polymers via from p-n diblock compolymerization to inorganic/organic hybridization. , 2009, , .		0
2515	Performance of organic solid-state laser based on a fluorene derivative material. , 2009, , .		0
2516	Effect of BCP layer on electroluminescent performances in blue top-emitting organic light-emitting devices. , 2010, , .		0
2517	Synthesis, Characterization and Crystal Structure of a New One-Dimensional Heterobimetallic Coordination Polymer Based on [(Tp)Fe(CN)3]â". Journal of Chemical Crystallography, 2011, 41, 737-741.	0.5	0
2518	Study of Photoluminescence Excitation Spectra of Tris(8â€hydroxyquinoline)aluminum(III) (Alq₃) in Solutions and Films. Israel Journal of Chemistry, 2014, 54, 927-930.	1.0	0
2519	Solvation effects on the ground and excited states of pâ€“n diblock-conjugated polymers. High Performance Polymers, 2014, 26, 867-873.	0.8	0
2520	High-Efficiency Bottom-Emitting Organic Light-Emitting Diodes with Double Aluminum as Electrodes. Chinese Physics Letters, 2015, 32, 108501.	1.3	0

#	Article	IF	Citations
2521	Terahertz surface plasmon on semiconductor and thin dielectric surfaces. , 2015, , .		0
2522	The dynamical admittance spectrometer: Instrument development and its application to chemical kinetics. Measurement: Journal of the International Measurement Confederation, 2016, 87, 176-184.	2.5	0
2523	Graphene Biodevices. , 2016, , 57-70.		0
2524	High-Efficiency Polymer Solar Cells with Sm/Ca Bilayer Cathode Buffers. Journal of Nanoscience and Nanotechnology, 2017, 17, 1171-1177.	0.9	0
2525	Surfaceâ€Oxidationâ€Controlled Synthesis of Blue Fluorescence Wavelengthâ€Tunable Miniâ€Size Carbon Nitride Nanosheet and Its Application. ChemistrySelect, 2018, 3, 2229-2234.	0.7	0
2526	Polymer Science and Technology Research at Northwestern Polytechnical University. Macromolecular Rapid Communications, 2019, 40, e1900318.	2.0	0
2527	Substituent effects on fluorene-based linear supramolecular polymerizsation. Supramolecular Chemistry, 2019, 31, 391-401.	1.5	0
2528	Simultaneous and Significant Improvements in Efficiency and Stability of Deepâ€Blue Organic Light Emitting Diodes through Friedelâ€Crafts Arylmethylation of a Fluorophore. ChemPhotoChem, 2020, 4, 318-318.	1.5	0
2529	Frontispiece: Frequencyâ€Upconverted Stimulated Emission by Up to Sixâ€Photon Excitation from Highly Extended Spiroâ€Fused Ladderâ€Type Oligo(pâ€phenylene)s. Angewandte Chemie - International Edition, 2021, 60, .	7.2	0
2530	Frontispiz: Frequencyâ€Upconverted Stimulated Emission by Up to Sixâ€Photon Excitation from Highly Extended Spiroâ€Fused Ladderâ€Type Oligo(pâ€phenylene)s. Angewandte Chemie, 2021, 133, .	1.6	0
2531	Stereoisomer-Independent Stable Blue Emission in Axial Chiral Difluorenol. Frontiers in Chemistry, 2021, 9, 717892.	1.8	0
2532	SYNTHESIS AND CHARACTERIZATION OF A PHOTO-CROSSLINKABLE BLUE LIGHT-EMITTING POLYFLUORENE. Acta Polymerica Sinica, 2010, 006, 1029-1032.	0.0	0
2533	Optoelectronic Properties for Main Group Element-Bridged Ladder Compounds. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2012, 28, 2597-2604.	2.2	0
2534	Manipulating Excited States in Organic Semiconductors: From Molecular Design to Assembly. , 2015, , .		0
2535	Multiple-input multiple-output visible light communication system based on disorder dispersion components. Optical Engineering, 2017, 56, 1.	0.5	0
2536	Visible-infrared micro-spectrometer based on a preaggregated silver nanoparticle monolayer film and an infrared sensor card. , 2018, , .		0
2537	SMART design to control over conformation and molecular packing in blue luminescent oligofluorenes. , 2018, , .		0
2538	Compact terahertz spectrometer based on disordered rough surfaces. , 2018, , .		0

#	Article	IF	Citations
2539	The facile synthesis of 1,8-Dibromo-9-heterofluorenes. , 2018, , .		0
2540	Perovskite light-emitting diodes based on n-type nanocrystalline silicon oxide electron injection layer. Wuli Xuebao/Acta Physica Sinica, 2019, 68, 128103.	0.2	0
2541	Theoretical and Experimental Studies on Raman Spectroscopy of Cyclic Fluorene-Based Strained Semiconductors. Acta Chimica Sinica, 2019, 77, 442.	0.5	0
2542	High efficient upconversion luminescence of NaGdF4: Yb3+/Er3+ nanoparticle: first-principles calculation, dual-wavelength stimuli and logic gate application. Materials Technology, 0, , 1-10.	1.5	0
2543	Luminescent Conjugated Polymer Dots for Biomedical Applications. , 2021, , 197-230.		0
2544	Ambipolar transport of polymer semiconductors in diodes and carrier segment vibration relaxation to the negative slope phenomena. Polymer, 2022, 245, 124700.	1.8	0