

Xiao-Hong Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3949222/publications.pdf>

Version: 2024-02-01

497
papers

24,683
citations

5896

81
h-index

14208

128
g-index

506
all docs

506
docs citations

506
times ranked

24272
citing authors

#	ARTICLE	IF	CITATIONS
1	MoS ₂ /Si Heterojunction with Vertically Standing Layered Structure for Ultrafast, High-Detectivity, Self-Driven Visible-Near Infrared Photodetectors. <i>Advanced Functional Materials</i> , 2015, 25, 2910-2919.	14.9	554
2	Fluorescence Turn On of Coumarin Derivatives by Metal Cations: A New Signaling Mechanism Based on C=N Isomerization. <i>Organic Letters</i> , 2007, 9, 33-36.	4.6	536
3	Strategies for Preparing Albumin-based Nanoparticles for Multifunctional Bioimaging and Drug Delivery. <i>Theranostics</i> , 2017, 7, 3667-3689.	10.0	349
4	Aligned Single-Crystalline Perovskite Microwire Arrays for High-Performance Flexible Image Sensors with Long-Term Stability. <i>Advanced Materials</i> , 2016, 28, 2201-2208.	21.0	346
5	High-Yield Seedless Synthesis of Triangular Gold Nanoplates through Oxidative Etching. <i>Nano Letters</i> , 2014, 14, 7201-7206.	9.1	334
6	High-Responsivity, High-Detectivity, Ultrafast Topological Insulator Bi ₂ Se ₃ /Silicon Heterostructure Broadband Photodetectors. <i>ACS Nano</i> , 2016, 10, 5113-5122.	14.6	300
7	Prediction and Design of Efficient Exciplex Emitters for High-Efficiency, Thermally Activated Delayed-Fluorescence Organic Light-Emitting Diodes. <i>Advanced Materials</i> , 2015, 27, 2378-2383.	21.0	299
8	Highly Efficient Non-Doped Blue Organic Light-Emitting Diodes Based on Fluorene Derivatives with High Thermal Stability. <i>Advanced Functional Materials</i> , 2005, 15, 1716-1721.	14.9	276
9	Remanagement of Singlet and Triplet Excitons in Single-Emissive-Layer Hybrid White Organic Light-Emitting Devices Using Thermally Activated Delayed Fluorescent Blue Exciplex. <i>Advanced Materials</i> , 2015, 27, 7079-7085.	21.0	255
10	Red/Near-Infrared Thermally Activated Delayed Fluorescence OLEDs with Near 100% Internal Quantum Efficiency. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14660-14665.	13.8	247
11	Ultrahigh-Responsivity Photodetectors from Perovskite Nanowire Arrays for Sequentially Tunable Spectral Measurement. <i>Nano Letters</i> , 2017, 17, 2482-2489.	9.1	242
12	Management of Singlet and Triplet Excitons in a Single Emission Layer: A Simple Approach for a High-Efficiency Fluorescence/Phosphorescence Hybrid White Organic Light-Emitting Device. <i>Advanced Materials</i> , 2012, 24, 3410-3414.	21.0	232
13	Organometal Halide Perovskite Quantum Dot Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2016, 26, 4797-4802.	14.9	231
14	Nearly 100% Triplet Harvesting in Conventional Fluorescent Dopant-Based Organic Light-Emitting Devices Through Energy Transfer from Exciplex. <i>Advanced Materials</i> , 2015, 27, 2025-2030.	21.0	225
15	Bipolar Phenanthroimidazole Derivatives Containing Bulky Polyaromatic Hydrocarbons for Nondoped Blue Electroluminescence Devices with High Efficiency and Low Efficiency Roll-Off. <i>Chemistry of Materials</i> , 2013, 25, 4957-4965.	6.7	214
16	Ultrafast, Broadband Photodetector Based on MoSe ₂ /Silicon Heterojunction with Vertically Standing Layered Structure Using Graphene as Transparent Electrode. <i>Advanced Science</i> , 2016, 3, 1600018.	11.2	210
17	Excellent Photocatalysis of HF-Treated Silicon Nanowires. <i>Journal of the American Chemical Society</i> , 2009, 131, 17738-17739.	13.7	209
18	Novel Efficient Blue Fluorophors with Small Singlet-Triplet Splitting: Hosts for Highly Efficient Fluorescence and Phosphorescence Hybrid WOLEDs with Simplified Structure. <i>Advanced Materials</i> , 2013, 25, 2205-2211.	21.0	206

#	ARTICLE	IF	CITATIONS
19	Avoiding Energy Loss on TADF Emitters: Controlling the Dual Conformations of Dâ€‘A Structure Molecules Based on the Pseudoplanar Segments. <i>Advanced Materials</i> , 2017, 29, 1701476.	21.0	199
20	Greenhouse-inspired supra-photothermal CO ₂ catalysis. <i>Nature Energy</i> , 2021, 6, 807-814.	39.5	198
21	All-inorganic cesium lead halide perovskite nanocrystals: synthesis, surface engineering and applications. <i>Journal of Materials Chemistry C</i> , 2019, 7, 757-789.	5.5	193
22	Biodegradable IË-Conjugated Oligomer Nanoparticles with High Photothermal Conversion Efficiency for Cancer Theranostics. <i>ACS Nano</i> , 2019, 13, 12901-12911.	14.6	191
23	Reduction of Self-Quenching Effect in Organic Electrophosphorescence Emitting Devices via the Use of Sterically Hindered Spacers in Phosphorescence Molecules. <i>Advanced Materials</i> , 2001, 13, 1245.	21.0	188
24	ZnO Nanotube Arrays as Biosensors for Glucose. <i>Journal of Physical Chemistry C</i> , 2009, 113, 20169-20172.	3.1	187
25	Red Organic Light-Emitting Diode with External Quantum Efficiency beyond 20% Based on a Novel Thermally Activated Delayed Fluorescence Emitter. <i>Advanced Science</i> , 2018, 5, 1800436.	11.2	186
26	Single-Crystal Nanoribbons, Nanotubes, and Nanowires from Intramolecular Charge-Transfer Organic Molecules. <i>Journal of the American Chemical Society</i> , 2007, 129, 3527-3532.	13.7	185
27	Novel Strategy to Develop Exciplex Emitters for High-Performance OLEDs by Employing Thermally Activated Delayed Fluorescence Materials. <i>Advanced Functional Materials</i> , 2016, 26, 2002-2008.	14.9	181
28	Carbazole/Sulfone Hybrid D-IË-A-Structured Bipolar Fluorophores for High-Efficiency Blue-Violet Electroluminescence. <i>Chemistry of Materials</i> , 2013, 25, 2630-2637.	6.7	180
29	L-Type Ligand-Assisted Acid-Free Synthesis of CsPbBr ₃ Nanocrystals with Near-Unity Photoluminescence Quantum Yield and High Stability. <i>Nano Letters</i> , 2019, 19, 4151-4157.	9.1	177
30	Controlled synthesis of oriented single-crystal ZnO nanotube arrays on transparent conductive substrates. <i>Applied Physics Letters</i> , 2008, 92, .	3.3	175
31	Solution-Processed 3D RGO-MoS ₂ /Pyramid Si Heterojunction for Ultrahigh Detectivity and Ultra-Broadband Photodetection. <i>Advanced Materials</i> , 2018, 30, e1801729.	21.0	175
32	Multifunctional electron-transporting indolizine derivatives for highly efficient blue fluorescence, orange phosphorescence host and two-color based white OLEDs. <i>Journal of Materials Chemistry</i> , 2012, 22, 4502.	6.7	172
33	Thermally Activated Delayed Fluorescence Carbonyl Derivatives for Organic Light-Emitting Diodes with Extremely Narrow Full Width at Half-Maximum. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 13472-13480.	8.0	165
34	Highly Efficient Photoelectrochemical Water Splitting from Hierarchical WO ₃ /BiVO ₄ Nanoporous Sphere Arrays. <i>Nano Letters</i> , 2017, 17, 8012-8017.	9.1	164
35	Niobium and Titanium Carbides (MXenes) as Superior Photothermal Supports for CO ₂ Photocatalysis. <i>ACS Nano</i> , 2021, 15, 5696-5705.	14.6	164
36	Ambient Electrosynthesis of Ammonia: Electrode Porosity and Composition Engineering. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12360-12364.	13.8	160

#	ARTICLE	IF	CITATIONS
37	InÂvivo tumor-targeted dual-modal fluorescence/CT imaging using a nanoprobe co-loaded with an aggregation-induced emission dye and gold nanoparticles. <i>Biomaterials</i> , 2015, 42, 103-111.	11.4	157
38	New Fluorescent Chemosensor Based on Exciplex Signaling Mechanism. <i>Organic Letters</i> , 2005, 7, 2133-2136.	4.6	155
39	Direct Evidence of Molecular Aggregation and Degradation Mechanism of Organic Light-Emitting Diodes under Joule Heating:Â an STM and Photoluminescence Study. <i>Journal of Physical Chemistry B</i> , 2005, 109, 1675-1682.	2.6	151
40	Self-Monitoring and Self-Delivery of Photosensitizer-Doped Nanoparticles for Highly Effective Combination Cancer Therapy <i>in Vitro</i> and <i>in Vivo</i>. <i>ACS Nano</i> , 2015, 9, 9741-9756.	14.6	149
41	Silicon Nanowire/Polymer Hybrid Solar Cell-Supercapacitor: A Self-Charging Power Unit with a Total Efficiency of 10.5%. <i>Nano Letters</i> , 2017, 17, 4240-4247.	9.1	149
42	Photocatalytic Hydrogenation of Carbon Dioxide with High Selectivity to Methanol at Atmospheric Pressure. <i>Joule</i> , 2018, 2, 1369-1381.	24.0	148
43	Surface Charge Transfer Doping of Lowâ€Dimensional Nanostructures toward Highâ€Performance Nanodevices. <i>Advanced Materials</i> , 2016, 28, 10409-10442.	21.0	144
44	A New Family of Red Dopants Based on Chromene-Containing Compounds for Organic Electroluminescent Devices. <i>Chemistry of Materials</i> , 2001, 13, 1565-1569.	6.7	140
45	Self-carried curcumin nanoparticles for in vitro and in vivo cancer therapy with real-time monitoring of drug release. <i>Nanoscale</i> , 2015, 7, 13503-13510.	5.6	139
46	High-Sensitivity and Fast-Response Graphene/Crystalline Silicon Schottky Junction-Based Near-IR Photodetectors. <i>IEEE Electron Device Letters</i> , 2013, 34, 1337-1339.	3.9	136
47	Alignment and Patterning of Ordered Smallâ€Molecule Organic Semiconductor Microâ€Nanocrystals for Device Applications. <i>Advanced Materials</i> , 2016, 28, 2475-2503.	21.0	129
48	Wafer-Scale Synthesis of Single-Crystal Zigzag Silicon Nanowire Arrays with Controlled Turning Angles. <i>Nano Letters</i> , 2010, 10, 864-868.	9.1	128
49	Intermolecular Chargeâ€Transfer Transition Emitter Showing Thermally Activated Delayed Fluorescence for Efficient Nonâ€Doped OLEDs. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9480-9484.	13.8	128
50	Single-Crystal Organic Microtubes with a Rectangular Cross Section. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1525-1528.	13.8	127
51	Facile Oneâ€Step Growth and Patterning of Aligned Squaraine Nanowires via Evaporationâ€Induced Selfâ€Assembly. <i>Advanced Materials</i> , 2008, 20, 1716-1720.	21.0	123
52	Surface passivation and band engineering: a way toward high efficiency grapheneâ€planar Si solar cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 8567.	10.3	123
53	A Dualâ€Ion Organic Symmetric Battery Constructed from Phenazineâ€Based Artificial Bipolar Molecules. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9902-9906.	13.8	123
54	Highly Efficient Nondoped Blue Organic Light-Emitting Diodes Based on Anthracene-Triphenylamine Derivatives. <i>Journal of Physical Chemistry C</i> , 2008, 112, 14603-14606.	3.1	122

#	ARTICLE	IF	CITATIONS
55	Highly Stable Near-Infrared Fluorescent Organic Nanoparticles with a Large Stokes Shift for Noninvasive Long-Term Cellular Imaging. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 26266-26274.	8.0	122
56	Bipolar Molecule as an Excellent Hole-Transporter for Organic-Light Emitting Devices. <i>Chemistry of Materials</i> , 2009, 21, 1284-1287.	6.7	121
57	A Sustainable Redox-Flow Battery with an Aluminum-Based, Deep-Eutectic-Solvent Anolyte. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7454-7459.	13.8	121
58	Managing Locally Excited and Charge-Transfer Triplet States to Facilitate Up-Conversion in Red TADF Emitters That Are Available for Both Vacuum- and Solution-Processes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2478-2484.	13.8	116
59	Highly efficient non-doped deep-blue organic light-emitting diodes based on anthracene derivatives. <i>Journal of Materials Chemistry</i> , 2010, 20, 1560.	6.7	115
60	12.35% efficient graphene quantum dots/silicon heterojunction solar cells using graphene transparent electrode. <i>Nano Energy</i> , 2017, 31, 359-366.	16.0	114
61	Novel Carbazol-Pyridine-Carbonitrile Derivative as Excellent Blue Thermally Activated Delayed Fluorescence Emitter for Highly Efficient Organic Light-Emitting Devices. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18930-18936.	8.0	111
62	Cobalt Plasmonic Superstructures Enable Almost 100% Broadband Photon Efficient CO ₂ Photocatalysis. <i>Advanced Materials</i> , 2020, 32, e2000014.	21.0	109
63	Photoconductivity of a Single Small-Molecule Organic Nanowire. <i>Advanced Materials</i> , 2008, 20, 2427-2432.	21.0	108
64	Electrochemical/chemical synthesis of highly-oriented single-crystal ZnO nanotube arrays on transparent conductive substrates. <i>Electrochemistry Communications</i> , 2007, 9, 2784-2788.	4.7	106
65	Highly Concentrated Phthalimide-Based Anolytes for Organic Redox Flow Batteries with Enhanced Reversibility. <i>CHEM</i> , 2018, 4, 2814-2825.	11.7	105
66	Carrier-free functionalized multidrug nanorods for synergistic cancer therapy. <i>Biomaterials</i> , 2013, 34, 8960-8967.	11.4	104
67	2D Ruddlesden-Popper Perovskite Nanoplate Based Deep-Blue Light-Emitting Diodes for Light Communication. <i>Advanced Functional Materials</i> , 2019, 29, 1903861.	14.9	101
68	Channel-restricted meniscus self-assembly for uniformly aligned growth of single-crystal arrays of organic semiconductors. <i>Materials Today</i> , 2019, 24, 17-25.	14.2	98
69	Polyhedral Organic Microcrystals: From Cubes to Rhombic Dodecahedra. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9121-9123.	13.8	97
70	Morphology-Controllable Synthesis of Pyrene Nanostructures and Its Morphology Dependence of Optical Properties. <i>Journal of Physical Chemistry B</i> , 2005, 109, 18777-18780.	2.6	96
71	The fabrication and optical properties of highly crystalline ultra-long Cu-doped ZnO nanowires. <i>Nanotechnology</i> , 2004, 15, 1152-1155.	2.6	94
72	Manipulation of conjugation to stabilize N redox-active centers for the design of high-voltage organic battery cathode. <i>Energy Storage Materials</i> , 2019, 16, 236-242.	18.0	91

#	ARTICLE	IF	CITATIONS
73	New Ambipolar Hosts Based on Carbazole and 4,5-Diazafluorene Units for Highly Efficient Blue Phosphorescent OLEDs with Low Efficiency Roll-Off. <i>Chemistry of Materials</i> , 2012, 24, 643-650.	6.7	90
74	Carrier-free nanodrugs for safe and effective cancer treatment. <i>Journal of Controlled Release</i> , 2021, 329, 805-832.	9.9	90
75	Recent progress in thermally activated delayed fluorescence emitters for nondoped organic light-emitting diodes. <i>Chemical Science</i> , 2022, 13, 3625-3651.	7.4	90
76	A Novel Colorimetric and Fluorescent Anion Chemosensor Based on the Flavone Quasi-crown Etherâ€”Metal Complex. <i>Organic Letters</i> , 2004, 6, 1071-1074.	4.6	89
77	High Performance Exciplex-Based Fluorescenceâ€”Phosphorescence White Organic Light-Emitting Device with Highly Simplified Structure. <i>Chemistry of Materials</i> , 2015, 27, 5206-5211.	6.7	89
78	Control of Dual Conformations: Developing Thermally Activated Delayed Fluorescence Emitters for Highly Efficient Single-Emitter White Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 31515-31525.	8.0	88
79	Nonconjugated Carbazoles: A Series of Novel Host Materials for Highly Efficient Blue Electrophosphorescent OLEDs. <i>Journal of Physical Chemistry C</i> , 2009, 113, 6761-6767.	3.1	86
80	High-efficiency, air stable graphene/Si micro-hole array Schottky junction solar cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 15348.	10.3	86
81	Waferâ€”Scale Precise Patterning of Organic Singleâ€”Crystal Nanowire Arrays via a Photolithographyâ€”Assisted Spinâ€”Coating Method. <i>Advanced Materials</i> , 2015, 27, 7305-7312.	21.0	84
82	Smart doxorubicin nanoparticles with high drug payload for enhanced chemotherapy against drug resistance and cancer diagnosis. <i>Nanoscale</i> , 2015, 7, 5683-5690.	5.6	84
83	Blue and white organic electroluminescent devices based on 9,10-bis(2â€”naphthyl)anthracene. <i>Chemical Physics Letters</i> , 2003, 369, 478-482.	2.6	83
84	Preparation and Size Control of Sub-100 nm Pure Nanodrugs. <i>Nano Letters</i> , 2015, 15, 313-318.	9.1	82
85	Organic molecular crystal-based photosynaptic devices for an artificial visual-perception system. <i>NPG Asia Materials</i> , 2019, 11, .	7.9	81
86	The design of an extended multiple resonance TADF emitter based on a polycyclic amine/carbonyl system. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2018-2022.	5.9	81
87	Anthracene derivative for a non-doped blue-emitting organic electroluminescence device with both excellent color purity and high efficiency. <i>Chemical Physics Letters</i> , 2004, 397, 1-4.	2.6	78
88	The Nanoassembly of an Intrinsically Cytotoxic Nearâ€”Infrared Dye for Multifunctionally Synergistic Theranostics. <i>Small</i> , 2019, 15, e1903121.	10.0	76
89	A Microchannelâ€”Confined Crystallization Strategy Enables Blade Coating of Perovskite Single Crystal Arrays for Device Integration. <i>Advanced Materials</i> , 2020, 32, e1908340.	21.0	75
90	Single vs double atom catalyst for N ₂ activation in nitrogen reduction reaction: A DFT perspective. <i>EcoMat</i> , 2020, 2, e12014.	11.9	75

#	ARTICLE	IF	CITATIONS
91	A Fully Solution-Printed Photosynaptic Transistor Array with Ultralow Energy Consumption for Artificial Vision Neural Networks. <i>Advanced Materials</i> , 2022, 34, e2200380.	21.0	75
92	Ultrabright and ultrastable near-infrared dye nanoparticles for in vitro and in vivo bioimaging. <i>Biomaterials</i> , 2012, 33, 7803-7809.	11.4	74
93	Flexible graphene/silicon heterojunction solar cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 14370-14377.	10.3	74
94	Seed-mediated synthesis of silver nanostructures and polymer/silver nanocables by UV irradiation. <i>Journal of Crystal Growth</i> , 2004, 273, 285-291.	1.5	72
95	Structural and electronic properties of ZnO nanotubes from density functional calculations. <i>Nanotechnology</i> , 2007, 18, 485713.	2.6	72
96	Mitochondrial-Targeting Lonidamine-Doxorubicin Nanoparticles for Synergistic Chemotherapy to Conquer Drug Resistance. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 43498-43507.	8.0	72
97	Dual-Band, High-Performance Phototransistors from Hybrid Perovskite and Organic Crystal Array for Secure Communication Applications. <i>ACS Nano</i> , 2019, 13, 5910-5919.	14.6	72
98	Single-Crystal 9,10-Diphenylanthracene Nanoribbons and Nanorods. <i>Chemistry of Materials</i> , 2008, 20, 6945-6950.	6.7	71
99	The Design of Quaternary Nitrogen Redox Center for High-Performance Organic Battery Materials. <i>Matter</i> , 2019, 1, 945-958.	10.0	71
100	One-Step Self-Assembly, Alignment, and Patterning of Organic Semiconductor Nanowires by Controlled Evaporation of Confined Microfluids. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2811-2815.	13.8	70
101	Synthesis, Structure, and Photophysical Properties of Two Four-Coordinate Cu ^I -NHC Complexes with Efficient Delayed Fluorescence. <i>Inorganic Chemistry</i> , 2016, 55, 2157-2164.	4.0	70
102	Isomeric Thermally Activated Delayed Fluorescence Emitters for Color Purity-Improved Emission in Organic Light-Emitting Devices. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 16791-16798.	8.0	69
103	Size Controllable and Surface Tunable Zeolitic Imidazolate Framework-8-Poly(acrylic acid sodium) Tj ETQq1 1 0.784314 rgBT /Over ACS Applied Materials & Interfaces, 2017, 9, 32990-33000.	8.0	69
104	Novel small-molecule electron donor for solution-processed ternary exciplex with 24% external quantum efficiency in organic light-emitting diode. <i>Materials Horizons</i> , 2019, 6, 1425-1432.	12.2	69
105	Facile One-Step Fabrication of Ordered Organic Nanowire Films. <i>Advanced Materials</i> , 2009, 21, 4172-4175.	21.0	68
106	High-Efficiency Nondoped Deep-Blue-Emitting Organic Electroluminescent Device. <i>Chemistry of Materials</i> , 2010, 22, 2138-2141.	6.7	68
107	High-Performance, Simplified Fluorescence and Phosphorescence Hybrid White Organic Light-Emitting Devices Allowing Complete Triplet Harvesting. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 26135-26142.	8.0	68
108	Organic nanostructures of thermally activated delayed fluorescent emitters with enhanced intersystem crossing as novel metal-free photosensitizers. <i>Chemical Communications</i> , 2016, 52, 11744-11747.	4.1	68

#	ARTICLE	IF	CITATIONS
109	Novel Blue Fluorophor with High Triplet Energy Level for High Performance Single-Emitting-Layer Fluorescence and Phosphorescence Hybrid White Organic Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2013, 25, 4454-4459.	6.7	67
110	Coumarin-Based Thermally Activated Delayed Fluorescence Emitters with High External Quantum Efficiency and Low Efficiency Roll-off in the Devices. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 8848-8854.	8.0	67
111	Atomic Layer Deposition of Vanadium Oxide as Hole-Selective Contact for Crystalline Silicon Solar Cells. <i>Advanced Electronic Materials</i> , 2020, 6, 2000467.	5.1	67
112	Template-Free Electrochemical Synthesis of Single-Crystal CuTe Nanoribbons. <i>Crystal Growth and Design</i> , 2008, 8, 1789-1791.	3.0	65
113	Large-scale assembly of highly sensitive Si-based flexible strain sensors for human motion monitoring. <i>Nanoscale</i> , 2016, 8, 2123-2128.	5.6	65
114	Approaching Efficient and Narrow RGB Electroluminescence from D ^A -Type TADF Emitters Containing an Identical Multiple Resonance Backbone as the Acceptor. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 36089-36097.	8.0	64
115	Dart-Shaped Tricrystal ZnS Nanoribbons. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2568-2571.	13.8	62
116	Carrier-free, functionalized drug nanoparticles for targeted drug delivery. <i>Chemical Communications</i> , 2012, 48, 8120.	4.1	62
117	Organic-inorganic hybrid perovskite quantum dots for light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2018, 6, 4831-4841.	5.5	62
118	EQE Climbing Over 6% at High Brightness of 14350 cd/m ² in Deep-Blue OLEDs Based on Hybridized Local and Charge-Transfer Fluorescence. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 9629-9637.	8.0	61
119	Enhancement of Photocatalytic Water Oxidation Activity on IrO ₂ -ZnO/Zn ₂ GeO ₄ N ₂ O ₆ Catalyst with the Solid Solution Phase Junction. <i>Journal of Physical Chemistry C</i> , 2010, 114, 12818-12822.		
120	High-Performance Nondoped Blue Delayed Fluorescence Organic Light-Emitting Diodes Featuring Low Driving Voltage and High Brightness. <i>Advanced Science</i> , 2020, 7, 1902508.	11.2	60
121	Efficient Orange-Red Thermally Activated Delayed Fluorescence Emitters Feasible for Both Thermal Evaporation and Solution Process. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 29086-29093.	8.0	57
122	Patterning Liquid Crystalline Organic Semiconductors via Inkjet Printing for High-Performance Transistor Arrays and Circuits. <i>Advanced Functional Materials</i> , 2021, 31, 2100237.	14.9	57
123	Self-Assembly of Electron Donor-Acceptor-Based Carbazole Derivatives: Novel Fluorescent Organic Nanoprobes for Both One- and Two-Photon Cellular Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 11355-11365.	8.0	56
124	Precise Patterning of Laterally Stacked Organic Microbelt Heterojunction Arrays by Surface-Energy-Controlled Stepwise Crystallization for Ambipolar Organic Field-Effect Transistors. <i>Advanced Materials</i> , 2018, 30, e1800187.	21.0	56
125	Photoluminescence and electroluminescence of pyrazoline monomers and dimers. <i>Chemical Physics Letters</i> , 2000, 320, 77-80.	2.6	55
126	Near-infrared fluorescence imaging using organic dye nanoparticles. <i>Biomaterials</i> , 2014, 35, 3356-3364.	11.4	55

#	ARTICLE	IF	CITATIONS
127	Clean surface transfer of graphene films via an effective sandwich method for organic light-emitting diode applications. <i>Journal of Materials Chemistry C</i> , 2014, 2, 201-207.	5.5	55
128	Unraveling the Mechanism of the Persistent Photoconductivity in Organic Phototransistors. <i>Advanced Functional Materials</i> , 2019, 29, 1905657.	14.9	54
129	A Facile Method for the Growth of Organic Semiconductor Single Crystal Arrays on Polymer Dielectric toward Flexible Field-Effect Transistors. <i>Advanced Functional Materials</i> , 2019, 29, 1902494.	14.9	54
130	Manipulating exciton dynamics of thermally activated delayed fluorescence materials for tuning two-photon nanotheranostics. <i>Chemical Science</i> , 2020, 11, 888-895.	7.4	54
131	Iodine-Doped Poly(3,4-Ethylenedioxythiophene)-Modified Si Nanowire 1D Core-Shell Arrays as an Efficient Photocatalyst for Solar Hydrogen Generation. <i>Advanced Materials</i> , 2012, 24, 6199-6203.	21.0	53
132	High Performance All Fluorescence White Organic Light Emitting Devices with a Highly Simplified Structure Based on Thermally Activated Delayed Fluorescence Dopants and Host. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32984-32991.	8.0	53
133	Novel bipolar host materials based on 1,3,5-triazine derivatives for highly efficient phosphorescent OLEDs with extremely low efficiency roll-off. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 14255.	2.8	52
134	Surface charge transfer doping induced inversion layer for high-performance graphene/silicon heterojunction solar cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 285-291.	10.3	52
135	Facile Assembly of High-Quality Organic-Inorganic Hybrid Perovskite Quantum Dot Thin Films for Bright Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2018, 28, 1705189.	14.9	52
136	Light-trapping enhanced ZnO-MoS ₂ core-shell nanopillar arrays for broadband ultraviolet-visible-near infrared photodetection. <i>Journal of Materials Chemistry C</i> , 2018, 6, 7077-7084.	5.5	52
137	Water-Surface Drag Coating: A New Route Toward High-Quality Conjugated Small-Molecule Thin Films with Enhanced Charge Transport Properties. <i>Advanced Materials</i> , 2021, 33, e2005915.	21.0	52
138	A Novel Yellow Fluorescent Dopant for High-Performance Organic Electroluminescent Devices. <i>Chemistry of Materials</i> , 2001, 13, 456-458.	6.7	51
139	Efficient blue organic light-emitting devices based on novel anthracene derivatives with pronounced thermal stability and excellent film-forming property. <i>Chemical Physics Letters</i> , 2006, 429, 622-627.	2.6	51
140	New Fluorene Derivatives for Blue Electroluminescent Devices: Influence of Substituents on Thermal Properties, Photoluminescence, and Electroluminescence. <i>Journal of Physical Chemistry C</i> , 2008, 112, 2165-2169.	3.1	51
141	Hue tunable, high color saturation and high-efficiency graphene/silicon heterojunction solar cells with MgF ₂ /ZnS double anti-reflection layer. <i>Nano Energy</i> , 2018, 46, 257-265.	16.0	51
142	Blue and white solution-processed TADF-OLEDs with over 20% EQE, low driving voltages and moderate efficiency decrease based on interfacial exciplex hosts. <i>Journal of Materials Chemistry C</i> , 2019, 7, 11806-11812.	5.5	51
143	Hydrogen bond-modulated molecular packing and its applications in high-performance non-doped organic electroluminescence. <i>Materials Horizons</i> , 2020, 7, 2734-2740.	12.2	51
144	Ultraminaturized Stretchable Strain Sensors Based on Single Silicon Nanowires for Imperceptible Electronic Skins. <i>Nano Letters</i> , 2020, 20, 2478-2485.	9.1	51

#	ARTICLE	IF	CITATIONS
145	A multifunctional phosphine oxide–diphenylamine hybrid compound as a high performance deep-blue fluorescent emitter and green phosphorescent host. <i>Chemical Communications</i> , 2014, 50, 2027.	4.1	50
146	Dual-Targeted Multifunctional Nanoparticles for Magnetic Resonance Imaging Guided Cancer Diagnosis and Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 9986-9995.	8.0	50
147	Highly sensitive, reproducible, and stable SERS sensors based on well-controlled silver nanoparticle-decorated silicon nanowire building blocks. <i>Journal of Materials Chemistry</i> , 2012, 22, 14127.	6.7	49
148	Saturated Vapor-Assisted Growth of Single-Crystalline Organic–Inorganic Hybrid Perovskite Nanowires for High-Performance Photodetectors with Robust Stability. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 10287-10295.	8.0	49
149	Enhanced cyclability of organic redox flow batteries enabled by an artificial bipolar molecule in neutral aqueous electrolyte. <i>Journal of Power Sources</i> , 2019, 417, 83-89.	7.8	49
150	Meniscus-guided coating of organic crystalline thin films for high-performance organic field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2020, 8, 9133-9146.	5.5	49
151	Efficient white organic light-emitting devices based on phosphorescent iridium complexes. <i>Organic Electronics</i> , 2010, 11, 1511-1515.	2.6	48
152	Using fluorene to lock electronically active moieties in thermally activated delayed fluorescence emitters for high-performance non-doped organic light-emitting diodes with suppressed roll-off. <i>Chemical Science</i> , 2021, 12, 1495-1502.	7.4	48
153	Template-Free Electrodeposition of One-Dimensional Nanostructures of Tellurium. <i>Crystal Growth and Design</i> , 2009, 9, 663-666.	3.0	47
154	Shape design of high drug payload nanoparticles for more effective cancer therapy. <i>Chemical Communications</i> , 2013, 49, 10989.	4.1	47
155	Aggregation-Induced Near-Infrared Absorption of Squaraine Dye in an Albumin Nanocomplex for Photoacoustic Tomography in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 17985-17992.	8.0	47
156	Theoretical investigation of the singlet–triplet splittings for carbazole-based thermally activated delayed fluorescence emitters. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 26623-26629.	2.8	47
157	Memory phototransistors based on exponential-association photoelectric conversion law. <i>Nature Communications</i> , 2019, 10, 1294.	12.8	47
158	Sonochemical synthesis of mass single-crystal PbS nanobelts. <i>Journal of Solid State Chemistry</i> , 2005, 178, 399-403.	2.9	46
159	High-sensitivity pesticide detection via silicon nanowires-supported acetylcholinesterase-based electrochemical sensors. <i>Applied Physics Letters</i> , 2008, 93, .	3.3	46
160	Aligned ultralong nanowire arrays and their application in flexible photodetector devices. <i>Journal of Materials Chemistry</i> , 2012, 22, 14357.	6.7	46
161	Zn-based eutectic mixture as anolyte for hybrid redox flow batteries. <i>Scientific Reports</i> , 2018, 8, 5740.	3.3	46
162	A Highly Conductive Titanium Oxynitride Electron-Selective Contact for Efficient Photovoltaic Devices. <i>Advanced Materials</i> , 2020, 32, e2002608.	21.0	46

#	ARTICLE	IF	CITATIONS
163	Efficient blue and white organic light-emitting devices based on a single bipolar emitter. Applied Physics Letters, 2007, 91, 013507.	3.3	45
164	Large-Scale Fabrication of Silicon Nanowires for Solar Energy Applications. ACS Applied Materials & Interfaces, 2017, 9, 34527-34543.	8.0	45
165	Pyrazoline derivatives for blue color emitter in organic electroluminescent devices. Thin Solid Films, 2000, 371, 40-46.	1.8	44
166	Red electroluminescence and photoluminescence properties of new porphyrin compounds. Chemical Physics Letters, 2003, 382, 561-566.	2.6	44
167	Bulk Preparation of Si-SiO _x Hierarchical Structures: High-Density Radially Oriented Amorphous Silica Nanowires on a Single-Crystal Silicon Nanocore. Angewandte Chemie - International Edition, 2005, 44, 6934-6937.	13.8	44
168	Gold nanoparticle modified silicon nanowires as biosensors. Nanotechnology, 2006, 17, S276-S279.	2.6	44
169	Construction of Single-Atom Platinum Catalysts Enabled by CsPbBr ₃ Nanocrystals. ACS Nano, 2021, 15, 13129-13139.	14.6	44
170	Novel fluorescent sensor for detection of Cu(II) in aqueous solution. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2006, 65, 749-752.	3.9	43
171	A triphenylamine derivative as a single-emitting component for highly-efficient white electroluminescent devices. Journal of Materials Chemistry, 2008, 18, 3981.	6.7	43
172	Organic Nanowire/Crystalline Silicon p-n Heterojunctions for High-Sensitivity, Broadband Photodetectors. ACS Applied Materials & Interfaces, 2015, 7, 2039-2045.	8.0	43
173	Efficient Solar Energy Harvesting and Storage through a Robust Photocatalyst Driving Reversible Redox Reactions. Advanced Materials, 2018, 30, e1802294.	21.0	43
174	High-efficiency polymer electrophosphorescent diodes based on an Ir (III) complex. Applied Physics Letters, 2005, 87, 221103.	3.3	42
175	Formation and Photoelectric Properties of Periodically Twinned ZnSe/SiO ₂ Nanocables. Journal of Physical Chemistry C, 2009, 113, 834-838.	3.1	42
176	A Novel Type of Aqueous Dispersible Ultrathin-Layered Double Hydroxide Nanosheets for in Vivo Bioimaging and Drug Delivery. ACS Applied Materials & Interfaces, 2017, 9, 34185-34193.	8.0	42
177	A new blue-emitting benzothiazole derivative for organic electroluminescent devices. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2001, 85, 182-185.	3.5	41
178	One-step growth of organic single-crystal p-n nano-heterojunctions with enhanced visible-light photocatalytic activity. Chemical Communications, 2013, 49, 9200.	4.1	41
179	Rapid-releasing of HI-6 via brain-targeted mesoporous silica nanoparticles for nerve agent detoxification. Nanoscale, 2016, 8, 9537-9547.	5.6	41
180	A comparative study of carbazole-based thermally activated delayed fluorescence emitters with different steric hindrance. Journal of Materials Chemistry C, 2017, 5, 4797-4803.	5.5	41

#	ARTICLE	IF	CITATIONS
181	Multifunctional Phenanthroimidazole Derivatives to Realize High-Performance Deep-Blue and White Organic Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2017, 5, 1700498.	7.3	41
182	Precise Patterning of Organic Semiconductor Crystals for Integrated Device Applications. <i>Small</i> , 2019, 15, e1900332.	10.0	41
183	Managing Intersegmental Charge-Transfer and Multiple Resonance Alignments of D _{3h} -A Typed TADF Emitters for Red OLEDs with Improved Efficiency and Color Purity. <i>Advanced Optical Materials</i> , 2022, 10, 2101789.	7.3	41
184	Self-driven, broadband and ultrafast photovoltaic detectors based on topological crystalline insulator SnTe/Si heterostructures. <i>Journal of Materials Chemistry A</i> , 2017, 5, 11171-11178.	10.3	40
185	Red/Near-Infrared Thermally Activated Delayed Fluorescence OLEDs with Near 100% Internal Quantum Efficiency. <i>Angewandte Chemie</i> , 2019, 131, 14802-14807.	2.0	40
186	Photoluminescence and electroluminescence of a new blue-emitting homoleptic iridium complex. <i>Applied Physics Letters</i> , 2006, 88, 093510.	3.3	39
187	White OLEDs with an EQE of 21% at 5000 cd m ⁻² and Ultra High Color Stability Based on Exciplex Host. <i>Advanced Optical Materials</i> , 2018, 6, 1800825.	7.3	39
188	Tricomponent Exciplex Emitter Realizing over 20% External Quantum Efficiency in Organic Light-Emitting Diode with Multiple Reverse Intersystem Crossing Channels. <i>Advanced Science</i> , 2019, 6, 1801938.	11.2	39
189	Single-Stimulus-Induced Modulation of Multiple Optical Properties. <i>Advanced Materials</i> , 2019, 31, e1900388.	21.0	39
190	MoO ₃ Nanodots Decorated CdS Nanoribbons for High-Performance, Homojunction Photovoltaic Devices on Flexible Substrates. <i>Nano Letters</i> , 2015, 15, 3590-3596.	9.1	38
191	Green Mass Production of Pure Nanodrugs via an Ice-Template-Assisted Strategy. <i>Nano Letters</i> , 2019, 19, 658-665.	9.1	37
192	Blue organic electroluminescence of 1,3,5-triaryl-2-pyrazoline. <i>Synthetic Metals</i> , 1999, 105, 141-144.	3.9	36
193	Aligned nanowire arrays on thin flexible substrates for organic transistors with high bending stability. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1314-1320.	5.5	36
194	Shape regulated anticancer activities and systematic toxicities of drug nanocrystals in vivo. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 181-189.	3.3	36
195	Exciton dissociation and photovoltaic effect in germanium nanocrystals and poly(3-hexylthiophene) composites. <i>Applied Physics Letters</i> , 2009, 94, 233504.	3.3	35
196	Large-area aligned growth of single-crystalline organic nanowire arrays for high-performance photodetectors. <i>Nanotechnology</i> , 2013, 24, 355201.	2.6	35
197	Tuning the Electronic and Optical Properties of Monolayers As, Sb, and Bi via Surface Charge Transfer Doping. <i>Journal of Physical Chemistry C</i> , 2017, 121, 19530-19537.	3.1	35
198	Characterizing the Conformational Distribution in an Amorphous Film of an Organic Emitter and Its Application in a Self-Doping Organic Light-Emitting Diode. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25878-25883.	13.8	35

#	ARTICLE	IF	CITATIONS
199	Efficient violet non-doped organic light-emitting device based on a pyrene derivative with novel molecular structure. <i>Organic Electronics</i> , 2015, 23, 179-185.	2.6	34
200	Multifunctional terpyridine/diphenylamine derivatives as highly efficient blue fluorescent emitters and red phosphorescent hosts. <i>Journal of Materials Chemistry C</i> , 2015, 3, 1068-1076.	5.5	34
201	Smart surface coating of drug nanoparticles with cross-linkable polyethylene glycol for bio-responsive and highly efficient drug delivery. <i>Nanoscale</i> , 2016, 8, 8118-8125.	5.6	34
202	Few-layer formamidinium lead bromide nanoplatelets for ultrapure-green and high-efficiency light-emitting diodes. <i>Nano Research</i> , 2019, 12, 171-176.	10.4	34
203	Dilution of the Electron Density in the π -Conjugated Skeleton of Organic Cathode Materials Improves the Discharge Voltage. <i>ChemSusChem</i> , 2020, 13, 2264-2270.	6.8	34
204	Thermally Activated Delayed Fluorescence Warm White Organic Light Emitting Devices with External Quantum Efficiencies Over 30%. <i>Advanced Functional Materials</i> , 2021, 31, 2101647.	14.9	34
205	Anthraquinone-based anode material for aqueous redox flow batteries operating in nondemanding atmosphere. <i>Journal of Power Sources</i> , 2021, 501, 229984.	7.8	34
206	Combining histone deacetylase inhibitors (HDACis) with other therapies for cancer therapy. <i>European Journal of Medicinal Chemistry</i> , 2021, 226, 113825.	5.5	34
207	ZnSe nanowire/Si π -heterojunctions: device construction and optoelectronic applications. <i>Nanotechnology</i> , 2013, 24, 395201.	2.6	33
208	High efficiency non-doped deep-blue and fluorescent/phosphorescent white organic light-emitting diodes based on an anthracene derivative. <i>Synthetic Metals</i> , 2015, 203, 49-53.	3.9	33
209	Promoting Charge Separation in Semiconductor Nanocrystal Superstructures for Enhanced Photocatalytic Activity. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701694.	3.7	33
210	Salt-templated growth of monodisperse hollow nanostructures. <i>Journal of Materials Chemistry A</i> , 2019, 7, 1404-1409.	10.3	33
211	Chain rigidity modification to promote the electrochemical performance of polymeric battery electrode materials. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10581-10588.	10.3	33
212	Synthesis and optical properties of Pb-doped ZnO nanowires. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2005, 202, 405-410.	1.8	32
213	ZnSe nanoribbon/Si nanowire π -heterojunction arrays and their photovoltaic application with graphene transparent electrodes. <i>Journal of Materials Chemistry</i> , 2012, 22, 22873.	6.7	32
214	Silicon nanowire based single-molecule SERS sensor. <i>Nanoscale</i> , 2013, 5, 8172.	5.6	32
215	Real-time imaging and tracking of ultrastable organic dye nanoparticles in living cells. <i>Biomaterials</i> , 2016, 93, 38-47.	11.4	32
216	Silicon/Organic Heterojunction for Photoelectrochemical Energy Conversion Photoanode with a Record Photovoltage. <i>ACS Nano</i> , 2016, 10, 9411-9419.	14.6	32

#	ARTICLE	IF	CITATIONS
217	Releasing the Trapped Light for Efficient Silver Nanowires-Based White Flexible Organic Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2019, 7, 1900985.	7.3	32
218	A Dual-Ion Organic Symmetric Battery Constructed from Phenazine-Based Artificial Bipolar Molecules. <i>Angewandte Chemie</i> , 2019, 131, 10007-10011.	2.0	32
219	Conformal MoS ₂ /Silicon Nanowire Array Heterojunction with Enhanced Light Trapping and Effective Interface Passivation for Ultraweak Infrared Light Detection. <i>Advanced Functional Materials</i> , 2022, 32, 2108174.	14.9	32
220	Improved color purity and efficiency of blue organic light-emitting diodes via suppression of exciplex formation. <i>Synthetic Metals</i> , 2001, 118, 193-196.	3.9	31
221	Silicon Nanowire-Based Surface-Enhanced Raman Spectroscopy Endoscope for Intracellular pH Detection. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 5811-5814.	8.0	31
222	Achieving Highly Efficient Simple-Emission Layer Fluorescence/Phosphorescence Hybrid White Organic Light-Emitting Devices via Effective Confinement of Triplets. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 8964-8970.	8.0	31
223	A high-efficiency hybrid white organic light-emitting diode enabled by a new blue fluorophor. <i>Journal of Materials Chemistry C</i> , 2015, 3, 4283-4289.	5.5	31
224	Conjugated Polymers: Optical Toolbox for Bioimaging and Cancer Therapy. <i>Small</i> , 2021, 17, e2103127.	10.0	31
225	One- or Semi-Two-Dimensional Organic Nanocrystals Induced by Directional Supramolecular Interactions. <i>Journal of Physical Chemistry C</i> , 2008, 112, 16264-16268.	3.1	30
226	Efficiency enhancement utilizing hybrid charge generation layer in tandem organic light-emitting diodes. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	30
227	Carrier-free, water dispersible and highly luminescent dye nanoparticles for targeted cell imaging. <i>Nanoscale</i> , 2012, 4, 5373.	5.6	30
228	Simultaneous enhanced diagnosis and photodynamic therapy of photosensitizer-doped perylene nanoparticles via doping, fluorescence resonance energy transfer, and antenna effect. <i>Chemical Communications</i> , 2013, 49, 8072.	4.1	30
229	In Situ Integration of Squaraine-Nanowire-Array-Based Schottky-Type Photodetectors with Enhanced Switching Performance. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 12288-12294.	8.0	30
230	Water-Dispersible, pH-Stable and Highly-Luminescent Organic Dye Nanoparticles with Amplified Emissions for In Vitro and In Vivo Bioimaging. <i>Small</i> , 2014, 10, 1125-1132.	10.0	30
231	Efficient Visible Light Photocatalyst Fabricated by Depositing Plasmonic Ag Nanoparticles on Conductive Polymer-Protected Si Nanowire Arrays for Photoelectrochemical Hydrogen Generation. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 9742-9750.	8.0	30
232	Excimer emission induced intra-system self-absorption enhancement – a novel strategy to realize high efficiency and excellent stability ternary organic solar cells processed in green solvents. <i>Journal of Materials Chemistry A</i> , 2018, 6, 23840-23855.	10.3	30
233	Thermally Activated Delayed Fluorescent Dendrimers that Underpin High-Efficiency Host-Free Solution-Processed Organic Light-Emitting Diodes. <i>Advanced Materials</i> , 2022, 34, e2110344.	21.0	30
234	Progress and Future Prospects of Wide-Bandgap Metal-Compound-Based Passivating Contacts for Silicon Solar Cells. <i>Advanced Materials</i> , 2022, 34, e2200344.	21.0	30

#	ARTICLE	IF	CITATIONS
235	Distinguishing the respective determining factors for spectral broadening and concentration quenching in multiple resonance type TADF emitter systems. <i>Materials Horizons</i> , 2022, 9, 2226-2232.	12.2	30
236	Sb-induced bicrystal ZnO nanobelts. <i>Applied Physics Letters</i> , 2005, 86, 013103.	3.3	29
237	Optical properties of silicon nanowires from cathodoluminescence imaging and time-resolved photoluminescence spectroscopy. <i>Physical Review B</i> , 2007, 75, .	3.2	29
238	Efficient blue organic light-emitting devices with a new bipolar emitter. <i>Organic Electronics</i> , 2011, 12, 358-363.	2.6	29
239	Self-Assembly and Hierarchical Patterning of Aligned Organic Nanowire Arrays by Solvent Evaporation on Substrates with Patterned Wettability. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 5757-5762.	8.0	29
240	Efficient fluorescence/phosphorescence white organic light-emitting diodes with ultra high color stability and mild efficiency roll-off. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	29
241	Gram-scale synthesis of superparamagnetic Fe ₃ O ₄ nanocrystal clusters with long-term charge stability for highly stable magnetically responsive photonic crystals. <i>Nanoscale</i> , 2016, 8, 19036-19042.	5.6	29
242	Centimeter-Long Single-Crystalline Si Nanowires. <i>Nano Letters</i> , 2017, 17, 7323-7329.	9.1	29
243	Efficient solution-processed orange-red organic light-emitting diodes based on a novel thermally activated delayed fluorescence emitter. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9152-9157.	5.5	29
244	Scalable Growth of Organic Single-Crystal Films via an Orientation Filter Funnel for High-Performance Transistors with Excellent Uniformity. <i>Advanced Materials</i> , 2022, 34, e2109818.	21.0	29
245	Efficient, color-stable and high color-rendering-index white organic light-emitting diodes employing full thermally activated delayed fluorescence system. <i>Organic Electronics</i> , 2017, 50, 466-472.	2.6	28
246	Local-Curvature-Controlled Non-Epitaxial Growth of Hierarchical Nanostructures. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3772-3776.	13.8	28
247	Isomeric thermally activated delayed fluorescence emitters based on indolo[2,3- <i>b</i>]acridine electron-donor: a compromising optimization for efficient orange-red organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2898-2904.	5.5	28
248	Efficient solution-processed red organic light-emitting diode based on an electron-donating building block of pyrrolo[3,2- <i>b</i>]pyrrole. <i>Organic Electronics</i> , 2019, 65, 110-115.	2.6	28
249	Ï-Extended Dihydrophenazine-Based Polymeric Cathode Material for High-Performance Organic Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 17868-17875.	6.7	28
250	Blue Light-Emitting Bisorthometalated Ir(III) Complex: Origin of Blue Emission and Application in Electrophosphorescent Devices. <i>Journal of Physical Chemistry C</i> , 2008, 112, 4743-4747.	3.1	27
251	Doping dependent crystal structures and optoelectronic properties of n-type CdSe:Ga nanowires. <i>Nanoscale</i> , 2011, 3, 4798.	5.6	27
252	1D Organic-Inorganic Hybrid Perovskite Micro/Nanocrystals: Fabrication, Assembly, and Optoelectronic Applications. <i>Small Methods</i> , 2018, 2, 1700340.	8.6	27

#	ARTICLE	IF	CITATIONS
253	Intramolecular H-bond design for efficient orange-red thermally activated delayed fluorescence based on a rigid dibenzofhpyrido[2,3-b]quinoxaline acceptor. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15728-15734.	5.5	27
254	Graphene-Quantum-Dots-Induced Centimeter-Sized Growth of Monolayer Organic Crystals for High-Performance Transistors. <i>Advanced Materials</i> , 2020, 32, e2003315.	21.0	27
255	Compact Biomimetic Hair Sensors Based on Single Silicon Nanowires for Ultrafast and Highly-Sensitive Airflow Detection. <i>Nano Letters</i> , 2021, 21, 4684-4691.	9.1	27
256	Observation of persistent photoconductance in single ZnO nanotube. <i>Applied Physics Letters</i> , 2009, 94, 063120.	3.3	26
257	Non-blinking, highly luminescent, pH- and heavy-metal-ion-stable organic nanodots for bio-imaging. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3144.	5.8	26
258	Precisely Patterned Growth of Ultra-Long Single-Crystalline Organic Microwire Arrays for Near-Infrared Photodetectors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 7912-7918.	8.0	26
259	Optimization on Molecular Restriction for Highly Efficient Thermally Activated Delayed Fluorescence Emitters. <i>Advanced Optical Materials</i> , 2018, 6, 1800935.	7.3	26
260	External-force-driven solution epitaxy of large-area 2D organic single crystals for high-performance field-effect transistors. <i>Nano Research</i> , 2019, 12, 2796-2801.	10.4	26
261	In-situ device integration of large-area patterned organic nanowire arrays for high-performance optical sensors. <i>Scientific Reports</i> , 2013, 3, 3248.	3.3	25
262	A Bipolar Transporter as an Efficient Green Fluorescent Emitter and Host for Red Phosphors in Multi- and Single-Layer Organic Light-Emitting Diodes. <i>Chemistry - A European Journal</i> , 2014, 20, 13762-13769.	3.3	25
263	A High-yield Two-step Transfer Printing Method for Large-scale Fabrication of Organic Single-crystal Devices on Arbitrary Substrates. <i>Scientific Reports</i> , 2014, 4, 5358.	3.3	25
264	A surface curvature oscillation model for vapour-liquid-solid growth of periodic one-dimensional nanostructures. <i>Nature Communications</i> , 2015, 6, 6412.	12.8	25
265	High-mobility air-stable n-type field-effect transistors based on large-area solution-processed organic single-crystal arrays. <i>Nano Research</i> , 2018, 11, 882-891.	10.4	25
266	Air Effect on the Ideality of p-Type Organic Field-Effect Transistors: A Double-Edged Sword. <i>Advanced Functional Materials</i> , 2019, 29, 1906653.	14.9	25
267	Roles of interfaces in the ideality of organic field-effect transistors. <i>Nanoscale Horizons</i> , 2020, 5, 454-472.	8.0	25
268	Bromine-substituted triphenylamine derivatives with improved hole-mobility for highly efficient green phosphorescent OLEDs with a low operating voltage. <i>Journal of Materials Chemistry C</i> , 2016, 4, 10301-10308.	5.5	24
269	Lithium intercalation and diffusion in TiO ₂ nanotubes: a first-principles investigation. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 24370-24376.	2.8	24
270	pH and redox dual responsive carrier-free anticancer drug nanoparticles for targeted delivery and synergistic therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 20, 102008.	3.3	24

#	ARTICLE	IF	CITATIONS
271	Managing Locally Excited and Charge-Transfer Triplet States to Facilitate Up-Conversion in Red TADF Emitters That Are Available for Both Vacuum- and Solution-Processes. <i>Angewandte Chemie</i> , 2021, 133, 2508-2514.	2.0	24
272	Ru-Catalyzed Reverse Water Gas Shift Reaction with Near-Unity Selectivity and Superior Stability. , 2021, 3, 1652-1659.		24
273	Light-on fluorescent chemosensor for fluoride in aqueous solution based on ternary complex of Zr-EDTA and 4-N,N-dimethylamino-6-methyl-3-hydroxyflavone. <i>Sensors and Actuators B: Chemical</i> , 2007, 125, 447-452.	7.8	23
274	An organic nanowire-metal nanoparticle hybrid for the highly enhanced fluorescence detection of dopamine. <i>Chemical Communications</i> , 2012, 48, 5883.	4.1	23
275	C-H...N Interaction Induced Formation of Microtubes with Enhanced Emission. <i>Crystal Growth and Design</i> , 2012, 12, 1227-1231.	3.0	23
276	Very facile fabrication of aligned organic nanowires based high-performance top-gate transistors on flexible, transparent substrate. <i>Organic Electronics</i> , 2014, 15, 1317-1323.	2.6	23
277	The impact of light irradiation timing on the efficacy of nanoformula-based photo/chemo combination therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3692-3702.	5.8	23
278	Pyridyl group design in viologens for anolyte materials in organic redox flow batteries. <i>RSC Advances</i> , 2018, 8, 18762-18770.	3.6	23
279	High-Performance Nanofloating Gate Memory Based on Lead Halide Perovskite Nanocrystals. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 24367-24376.	8.0	23
280	Single-Photon Molecular Nanotheranostics for Synergetic Near-Infrared Fluorescence and Photoacoustic Imaging-Guided Highly Effective Photothermal Ablation. <i>Small</i> , 2020, 16, e2002672.	10.0	23
281	Hydrogen-Bond-Assisted Exciplex Emitters Realizing Improved Efficiencies and Stabilities in Organic Light Emitting Diodes. <i>Advanced Functional Materials</i> , 2021, 31, 2010100.	14.9	23
282	Functional Core/Shell Drug Nanoparticles for Highly Effective Synergistic Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2014, 3, 1475-1485.	7.6	22
283	Hydrogen-Bonding Strategy to Optimize Charge Distribution of PC ₇₁ BM and Enable a High Efficiency of 12.45% for Organic Solar Cells. <i>Solar Rrl</i> , 2018, 2, 1800038.	5.8	22
284	TiO ₂ -Photoanode-Assisted Direct-Solar-Energy Harvesting and Storage in a Solar-Powered Redox Cell Using Halides as Active Materials. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 23048-23054.	8.0	22
285	Highly efficient ternary polymer-based solution-processable exciplex with over 20% external quantum efficiency in organic light-emitting diode. <i>Organic Electronics</i> , 2020, 76, 105449.	2.6	22
286	Nonlinear optical refractive indices and absorption coefficients of $\hat{1}$, $\hat{1}^2$ -unsaturated ketone derivatives. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2001, 18, 1456.	2.1	21
287	An effective fluorescent chemosensor for the detection of copper(II). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 61-65.	3.9	21
288	Formation of ZnS/SiO ₂ nanocables. <i>Applied Physics Letters</i> , 2005, 86, 173111.	3.3	21

#	ARTICLE	IF	CITATIONS
289	Stability of Hydrogen-Terminated Surfaces of Silicon Nanowires in Aqueous Solutions. <i>Journal of Physical Chemistry C</i> , 2011, 115, 3866-3871.	3.1	21
290	A novel nicotinonitrile derivative as an excellent multifunctional blue fluorophore for highly efficient hybrid white organic light-emitting devices. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8817-8823.	5.5	21
291	High-performance red organic light-emitting devices based on an exciplex system with thermally activated delayed fluorescence characteristic. <i>Organic Electronics</i> , 2016, 39, 10-15.	2.6	21
292	Ordered and Patterned Assembly of Organic Micro/Nanocrystals for Flexible Electronic and Optoelectronic Devices. <i>Advanced Materials Technologies</i> , 2017, 2, 1600280.	5.8	21
293	Controlled Growth of Large-Area Aligned Single-Crystalline Organic Nanoribbon Arrays for Transistors and Light-Emitting Diodes Driving. <i>Nano-Micro Letters</i> , 2017, 9, 52.	27.0	21
294	A general and mild route to highly dispersible anisotropic magnetic colloids for sensing weak magnetic fields. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5528-5535.	5.5	21
295	Development of Red Exciplex for Efficient OLEDs by Employing a Phosphor as a Component. <i>Frontiers in Chemistry</i> , 2019, 7, 16.	3.6	21
296	All-Earth-Abundant Photothermal Silicon Platform for CO ₂ Catalysis with Nearly 100% Sunlight Harvesting Ability. <i>Solar Rrl</i> , 2021, 5, 2000387.	5.8	21
297	Improving Ideality of P-Type Organic Field-Effect Transistors via Preventing Undesired Minority Carrier Injection. <i>Advanced Functional Materials</i> , 2021, 31, 2100202.	14.9	21
298	A core-shell catalyst design boosts the performance of photothermal reverse water gas shift catalysis. <i>Science China Materials</i> , 2021, 64, 2212-2220.	6.3	21
299	A novel orange-red thermally activated delayed fluorescence emitter with high molecular rigidity and planarity realizing 32.5% external quantum efficiency in organic light-emitting diodes. <i>Materials Horizons</i> , 2022, 9, 2425-2432.	12.2	21
300	The effect of functional group substitution on the photoluminescence and electroluminescence of pyrazoline derivatives. <i>Synthetic Metals</i> , 2000, 114, 115-117.	3.9	20
301	Nitrogen-doped silicon nanowires: Synthesis and their blue cathodoluminescence and photoluminescence. <i>Applied Physics Letters</i> , 2009, 95, .	3.3	20
302	A new multifunctional fluorenyl carbazole hybrid for high performance deep blue fluorescence, orange phosphorescent host and fluorescence/phosphorescence white OLEDs. <i>Dyes and Pigments</i> , 2013, 97, 273-277.	3.7	20
303	High Voltage, Transition Metal Complex Enables Efficient Electrochemical Energy Storage in a Li-Ion Battery Full Cell. <i>Advanced Functional Materials</i> , 2017, 27, 1604299.	14.9	20
304	A skin-like stretchable colorimetric temperature sensor. <i>Science China Materials</i> , 2018, 61, 969-976.	6.3	20
305	Fast deposition of an ultrathin, highly crystalline organic semiconductor film for high-performance transistors. <i>Nanoscale Horizons</i> , 2020, 5, 1096-1105.	8.0	20
306	Improving Efficiency of Red Thermally Activated Delayed Fluorescence Emitter by Introducing Quasi-Degenerate Orbital Distribution. <i>Chinese Journal of Chemistry</i> , 2022, 40, 911-917.	4.9	20

#	ARTICLE	IF	CITATIONS
307	Optimizing Intermolecular Interactions and Energy Level Alignments of Red TADF Emitters for High-Performance Organic Light-Emitting Diodes. <i>Small</i> , 2022, 18, e2201548.	10.0	20
308	Electrogenerated chemiluminescence. 75. Electrochemistry and ECL of 9,10-bis(2-naphthyl)anthracene. <i>Journal of Electroanalytical Chemistry</i> , 2004, 566, 409-413.	3.8	19
309	The diameter-dependent photoelectrochemical performance of silicon nanowires. <i>Chemical Communications</i> , 2016, 52, 1369-1372.	4.1	19
310	Application of Silicon Oxide on High Efficiency Monocrystalline Silicon PERC Solar Cells. <i>Energies</i> , 2019, 12, 1168.	3.1	19
311	Large-scale fabrication and characterization of Cd-doped ZnO nanocantilever arrays. <i>Micron</i> , 2005, 36, 55-59.	2.2	18
312	Fabrication and characterization of Zn-doped CdTe nanowires. <i>Applied Physics A: Materials Science and Processing</i> , 2005, 81, 1647-1650.	2.3	18
313	Morphology-controllable preparation of 1D poly(vinyl pyrrolidone) nanostructured arrays. <i>Nanotechnology</i> , 2005, 16, 433-436.	2.6	18
314	Efficient and stable single-dopant white OLEDs based on 9,10-bis (2-naphthyl) anthracene. <i>Journal of Luminescence</i> , 2006, 121, 568-572.	3.1	18
315	Highly efficient blue organic electrophosphorescence devices using a trifluorine-replaced iridium complex. <i>Organic Electronics</i> , 2011, 12, 2061-2064.	2.6	18
316	Large-Scale Controllable Patterning Growth of Aligned Organic Nanowires through Evaporation-Induced Self-Assembly. <i>Chemistry - A European Journal</i> , 2012, 18, 975-980.	3.3	18
317	A stable high performance Li-S battery with a polysulfide ion blocking layer. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5602.	10.3	18
318	Large-Scale Assembly of Organic Micro/Nanocrystals into Highly Ordered Patterns and Their Applications for Strain Sensors. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 11018-11024.	8.0	18
319	Air Heating Approach for Multilayer Etching and Roll-to-Roll Transfer of Silicon Nanowire Arrays as SERS Substrates for High Sensitivity Molecule Detection. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 977-984.	8.0	18
320	Precise Patterning of Organic Single Crystals via Capillary-Assisted Alternating Electric Field. <i>Small</i> , 2017, 13, 1604261.	10.0	18
321	Thermal Transport Engineering in Graphdiyne and Graphdiyne Nanoribbons. <i>ACS Omega</i> , 2019, 4, 4147-4152.	3.5	18
322	Effective Design Strategy of Small Bipolar Molecules through Fused Conjugation toward 2.5 V Based Redox Flow Batteries. <i>ACS Energy Letters</i> , 2022, 7, 1274-1283.	17.4	18
323	Highly luminescent and photostable core-shell dye nanoparticles for high efficiency bioimaging. <i>Chemical Communications</i> , 2014, 50, 737-739.	4.1	17
324	A mechanistic study of silica-etching by hot water. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 1440-1446.	2.8	17

#	ARTICLE	IF	CITATIONS
325	Intermolecular Charge-Transfer Transition Emitter Showing Thermally Activated Delayed Fluorescence for Efficient Non-Doped OLEDs. <i>Angewandte Chemie</i> , 2018, 130, 9624-9628.	2.0	17
326	Precise Positioning of Organic Semiconductor Single Crystals with Two-Component Aligned Structure through 3D Wettability-Induced Sequential Assembly. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 36205-36212.	8.0	17
327	Flame-retarding battery cathode materials based on reversible multi-electron redox chemistry of phenothiazine-based polymer. <i>Journal of Energy Chemistry</i> , 2020, 47, 256-262.	12.9	17
328	A Three-Dimensional Confined Crystallization Strategy Toward Controllable Growth of High-Quality and Large-Area Perovskite Single Crystals. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	17
329	Z-scan measurement of a novel amorphous molecular material. <i>Optics Communications</i> , 2001, 191, 427-433.	2.1	16
330	Highly branched organic microcrystals via self-organization and growth kinetics manipulation. <i>CrystEngComm</i> , 2012, 14, 8124.	2.6	16
331	Carrier-free, functionalized pure drug nanorods as a novel cancer-targeted drug delivery platform. <i>Nanotechnology</i> , 2013, 24, 015103.	2.6	16
332	Excellent deep-blue emitting materials based on anthracene derivatives for non-doped organic light-emitting diodes. <i>Optical Materials</i> , 2016, 58, 260-267.	3.6	16
333	CdS Nanoribbon-Based Resistive Switches with Ultrawidely Tunable Power by Surface Charge Transfer Doping. <i>Advanced Functional Materials</i> , 2018, 28, 1706577.	14.9	16
334	Photodetectors based on small-molecule organic semiconductor crystals. <i>Chinese Physics B</i> , 2019, 28, 038102.	1.4	16
335	Thermal transport in amorphous small organic materials: a mechanistic study. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 3058-3065.	2.8	16
336	Origin of thermally activated delayed fluorescence in a donor-acceptor type emitter with an optimized nearly planar geometry. <i>Journal of Materials Chemistry C</i> , 2020, 8, 13263-13269.	5.5	16
337	Synergistic impeding of phonon transport through resonances and screw dislocations. <i>Physical Review B</i> , 2021, 103, .	3.2	16
338	High-Performance Nondoped Organic Light-Emitting Diode Based on a Thermally Activated Delayed Fluorescence Emitter with 1D Intermolecular Hydrogen Bonding Interactions. <i>Advanced Optical Materials</i> , 2021, 9, 2100461.	7.3	16
339	Fluoride-selective Colorimetric Sensors Based on Hydrazone Functionality. <i>Chemistry Letters</i> , 2004, 33, 850-851.	1.3	15
340	Preparation and photoluminescence of Sc-doped ZnO nanowires. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2005, 25, 587-591.	2.7	15
341	Controlled Synthesis of Oriented 1D ZnO Nanostructures on Transparent Conductive Substrates. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 1832-1838.	0.9	15
342	Si/poly-CuTAPC coaxial core-shell nanowire array as enhanced visible-light photocatalyst for hydrogen production. <i>Chemical Communications</i> , 2012, 48, 2815.	4.1	15

#	ARTICLE	IF	CITATIONS
343	A reticuloendothelial system-stealthy dye- <i>albumin</i> nanocomplex as a highly biocompatible and highly luminescent nanoprobe for targeted in vivo tumor imaging. <i>RSC Advances</i> , 2014, 4, 6120.	3.6	15
344	Ternary organic solar cells with a phase-modulated surface distribution <i>via</i> the addition of a small molecular luminescent dye to obtain a high efficiency over 10.5%. <i>Nanoscale</i> , 2018, 10, 16455-16467.	5.6	15
345	Dibenzofuran/dibenzothiophene as the secondary electron-donors for highly efficient blue thermally activated delayed fluorescence emitters. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4475-4483.	5.5	15
346	Theoretical Studies of Bipolar Transport in CnBTBT-FmTCNQ Donor-Acceptor Cocrystals. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 359-365.	4.6	15
347	6,12-Dihydro-6,12-diboradibenzo[def,mno]chrysene: A Doubly Boron-Doped Polycyclic Aromatic Hydrocarbon for Organic Light Emitting Diodes by a One-Pot Synthesis. <i>Organic Letters</i> , 2020, 22, 7942-7946.	4.6	15
348	Fabrication of large-scale ultra-fine Cd-doped ZnO nanowires. <i>Materials Research Bulletin</i> , 2006, 41, 340-346.	5.2	14
349	Smart Nanorods for Highly Effective Cancer Theranostic Applications. <i>Advanced Healthcare Materials</i> , 2014, 3, 906-915.	7.6	14
350	Hydrogen-Terminated Si Nanowires as Label-Free Colorimetric Sensors in the Ultrasensitive and Highly Selective Detection of Fluoride Anions in Pure Water Phase. <i>Advanced Functional Materials</i> , 2015, 25, 1506-1510.	14.9	14
351	A Stable Flexible Silicon Nanowire Array as Anode for High-Performance Lithium-ion Batteries. <i>Electrochimica Acta</i> , 2015, 176, 321-326.	5.2	14
352	Doxorubicin@Bcl-2 siRNA Core@Shell Nanoparticles for Synergistic Anticancer Chemotherapy. <i>ACS Applied Bio Materials</i> , 2018, 1, 289-297.	4.6	14
353	Thermally activated delayed fluorescence emitters with low concentration sensitivity for highly efficient organic light emitting devices. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8923-8928.	5.5	14
354	The Impact of Thermal Treatment on Light-Induced Degradation of Multicrystalline Silicon PERC Solar Cell. <i>Energies</i> , 2019, 12, 416.	3.1	14
355	Solution-Doped Polysilicon Passivating Contacts for Silicon Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 8455-8460.	8.0	14
356	Conformational isomerization: A novel mechanism to realize the AIE-TADF behaviors. <i>Aggregate</i> , 2023, 4, .	9.9	14
357	The novel bicrystalline GaN nanorods. <i>Materials Letters</i> , 2004, 58, 3578-3581.	2.6	13
358	High-efficiency endothermic energy transfer in polymeric light-emitting devices based on cyclometalated Ir complexes. <i>Applied Physics Letters</i> , 2008, 92, 023301.	3.3	13
359	Crystal Structure Origin for Shape-Dependent Emission of 2,5,8,11-Tetra- <i>tert</i> -butylperylene Micro-/Nanocrystals. <i>Crystal Growth and Design</i> , 2011, 11, 3677-3680.	3.0	13
360	Highly efficient thermally activated delayed fluorescence emitters based on novel Indolo[2,3- <i>b</i>]acridine electron-donor. <i>Organic Electronics</i> , 2018, 57, 327-334.	2.6	13

#	ARTICLE	IF	CITATIONS
361	Green solution-processed thermally activated delayed fluorescence OLEDs with improved performance by using interfacial exciplex host. <i>Organic Electronics</i> , 2019, 73, 36-42.	2.6	13
362	Theoretical studies on full-color thermally activated delayed fluorescence molecules. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5839-5846.	5.5	13
363	Nonconjugated Triptycene-Spaced Donor-Acceptor-Type Emitters Showing Thermally Activated Delayed Fluorescence via Both Intra- and Intermolecular Charge-Transfer Transitions. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 25193-25201.	8.0	13
364	Single-Crystalline Silicon Frameworks: A New Platform for Transparent Flexible Optoelectronics. <i>Advanced Materials</i> , 2021, 33, e2008171.	21.0	13
365	Space charge induced electroluminescence spectra shift in organic light-emitting diodes. <i>Journal of Applied Physics</i> , 2012, 112, 014513.	2.5	13
366	A facile strategy for enhancing reverse intersystem crossing of red thermally activated delayed fluorescence emitters. <i>Chemical Engineering Journal</i> , 2022, 433, 134423.	12.7	13
367	High-Luminance Microsized CH ₃ NH ₃ PbBr ₃ Single-Crystal-Based Light-Emitting Diodes via a Facile Liquid-Insulator Bridging Route. <i>ACS Nano</i> , 2022, 16, 6394-6403.	14.6	13
368	High-performance organic red-light-emitting device based on DCJTb and a new host material. <i>Journal of Luminescence</i> , 2010, 130, 70-73.	3.1	12
369	The aspect ratio effect of drug nanocrystals on cellular internalization efficiency, uptake mechanisms, and in vitro and in vivo anticancer efficiencies. <i>Nanoscale</i> , 2015, 7, 3588-3593.	5.6	12
370	π-π stacking induced high current density and improved efficiency in ternary organic solar cells. <i>Nanoscale</i> , 2018, 10, 9971-9980.	5.6	12
371	Orbital-dependent redox potential regulation of quinone derivatives for electrical energy storage. <i>RSC Advances</i> , 2019, 9, 5164-5173.	3.6	12
372	Forming submicron in micron texture on the diamond-wire-sawn mc-Si wafer by introducing artificial defects. <i>Progress in Photovoltaics: Research and Applications</i> , 2020, 28, 788-797.	8.1	12
373	Self-crosslinked herringbone dihydrophenazine derivatives for high performance organic batteries. <i>Composites Communications</i> , 2021, 28, 100947.	6.3	12
374	Multiplying the efficiency of red thermally activated delayed fluorescence emitter by introducing intramolecular hydrogen bond. <i>Chemical Engineering Journal</i> , 2022, 448, 137717.	12.7	12
375	The Size-Dependence of 1,5-Diphenyl-3-naphthyl-2-pyrazoline Nanocrystals. <i>Journal of Colloid and Interface Science</i> , 1999, 220, 177-180.	9.4	11
376	Colorimetric detection and differentiation of fluoride and dihydrogenphosphate anions. <i>Sensors and Actuators B: Chemical</i> , 2005, 106, 343-346.	7.8	11
377	A facile route to fabrication of inorganic-small organic molecule cable-like nanocomposite arrays. <i>Chemical Communications</i> , 2005, , 4202.	4.1	11
378	Tuning the electronic transport anisotropy in 1 \pm phase phosphorene through superlattice design. <i>Physical Review B</i> , 2018, 97, .	3.2	11

#	ARTICLE	IF	CITATIONS
379	One-step growth of large-area silicon nanowire fabrics for high-performance multifunctional wearable sensors. <i>Nano Research</i> , 2019, 12, 2723-2728.	10.4	11
380	Charge-transfer transition regulation of thermally activated delayed fluorescence emitters by changing the valence of sulfur atoms. <i>Journal of Materials Chemistry C</i> , 2020, 8, 17457-17463.	5.5	11
381	Controlled 2D growth of organic semiconductor crystals by suppressing "coffee-ring" effect. <i>Nano Research</i> , 2020, 13, 2478-2484.	10.4	11
382	Tailoring the Voltage Gap of Organic Battery Materials Based on a Multi-Electron Redox Chemistry. <i>ChemElectroChem</i> , 2020, 7, 1781-1788.	3.4	11
383	Multicore Ferrocene Derivative as a Highly Soluble Cathode Material for Nonaqueous Redox Flow Batteries. <i>ACS Applied Energy Materials</i> , 2021, 4, 855-861.	5.1	11
384	Phonon resonant effect in silicon membranes with different crystallographic orientations. <i>International Journal of Heat and Mass Transfer</i> , 2022, 183, 122144.	4.8	11
385	Template fabrication of SiO ₂ nanotubes. <i>Applied Physics Letters</i> , 2007, 90, 103114.	3.3	10
386	Surfacial Marangoni Flow-Induced Growth of Ultrathin 2D Molecular Crystals on Target Substrates. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901753.	3.7	10
387	Chiral thermally activated delayed fluorescence emitters with dual conformations based on a pair of enantiomeric donors containing asymmetric carbons. <i>Dyes and Pigments</i> , 2020, 178, 108336.	3.7	10
388	Precise patterning of single crystal arrays of organic semiconductors by a patterned microchannel dip-coating method for organic field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5174-5181.	5.5	10
389	Ultra-Sensitive and Low-Power-Consumption Organic Phototransistor Enables Nighttime Illumination Perception for Bionic Mesopic Vision. <i>Laser and Photonics Reviews</i> , 2022, 16, .	8.7	10
390	Structural and electronic properties of 9R diamond polytype. <i>Solid State Communications</i> , 2005, 136, 41-44.	1.9	9
391	Oxide Shell Assisted Vapor-Liquid-Solid Growth of Periodic Composite Nanowires: A Case of Si/Sn. <i>Chemistry of Materials</i> , 2007, 19, 5598-5601.	6.7	9
392	Efficient Hole-Blocker with Electron Transporting Property and Its Applications in Blue Organic Light-Emitting Devices. <i>Journal of Physical Chemistry C</i> , 2009, 113, 16792-16795.	3.1	9
393	Wafer-Scale Growth of Aligned C ₆₀ Single Crystals via Solution-Phase Epitaxy for High-Performance Transistors. <i>Advanced Functional Materials</i> , 2021, 31, 2105459.	14.9	9
394	Controlling the conjugation extension inside acceptors for enhancing reverse intersystem crossing of red thermally activated delayed fluorescence emitters. <i>Chemical Engineering Journal</i> , 2022, 440, 135775.	12.7	9
395	A New Series of Blue Emitting Pyrazine Derivatives for Organic Electroluminescence Devices. <i>Physica Status Solidi A</i> , 2001, 185, 203-211.	1.7	8
396	Efficient and stable non-doped deep-blue organic light emitting diode based on an anthracene derivative. <i>Science China Chemistry</i> , 2011, 54, 666-670.	8.2	8

#	ARTICLE	IF	CITATIONS
397	Optical absorption and photoelectrochemical performance enhancement in Si tube array for solar energy harvesting application. <i>Applied Physics Letters</i> , 2013, 102, 163906.	3.3	8
398	An Inherent Multifunctional Sellotape Substrate for High-Performance Flexible and Wearable Organic Single-Crystal Nanowire Array-Based Transistors. <i>Advanced Electronic Materials</i> , 2016, 2, 1600129.	5.1	8
399	One-step fabrication of CdS:Mo@CdMoO ₄ core-shell nanoribbons for nonvolatile memory devices with high resistance switching. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6156-6162.	5.5	8
400	Dispersing hydrophilic nanoparticles in nonaqueous solvents with superior long-term stability. <i>RSC Advances</i> , 2017, 7, 25535-25541.	3.6	8
401	Novel brominated compounds using in binary additives based organic solar cells to achieve high efficiency over 10.3%. <i>Organic Electronics</i> , 2017, 50, 507-514.	2.6	8
402	Highly Efficient Thermally Activated Delayed Fluorescence Emitter Developed by Replacing Carbazole With 1,3,6,8-Tetramethyl-Carbazole. <i>Frontiers in Chemistry</i> , 2019, 7, 17.	3.6	8
403	Novel triazine derivatives with deep LUMO energy levels as the electron-accepting components of exciplexes. <i>Journal of Materials Chemistry C</i> , 2021, 9, 939-946.	5.5	8
404	Ambient instability of organic field-effect transistors and their improvement strategies. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 053001.	2.8	8
405	Characterizing the Conformational Distribution in an Amorphous Film of an Organic Emitter and Its Application in a Self-Doping Organic Light-Emitting Diode. <i>Angewandte Chemie</i> , 2021, 133, 26082-26087.	2.0	8
406	Facile synthesis of near-infrared bodipy by donor engineering for <i>in vivo</i> tumor targeted dual-modal imaging. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9308-9315.	5.8	8
407	Facile formation of microscale hollow superstructures made of organic nanocrystals and their application as a humidity sensor. <i>CrystEngComm</i> , 2012, 14, 819-823.	2.6	7
408	Facile One-Step Fabrication of Ordered Ultra-Long Organic Microwires Film for Flexible Near-Infrared Photodetectors. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 4450-4456.	0.9	7
409	Quantitative analysis of photons' decaying pathways in Si nanowire arrays for highly efficient photoelectrochemical solar hydrogen generation. <i>Chemical Communications</i> , 2015, 51, 3383-3386.	4.1	7
410	Fine-tuning the emissions of highly efficient thermally activated delayed fluorescence emitters with different linking positions of electron-deficient substituent groups. <i>Dyes and Pigments</i> , 2017, 143, 62-70.	3.7	7
411	Tuning Electrical and Raman Scattering Properties of Cadmium Sulfide Nanoribbons via Surface Charge Transfer Doping. <i>Journal of Physical Chemistry C</i> , 2019, 123, 15794-15801.	3.1	7
412	An "ice-melting" kinetic control strategy for highly photocatalytic organic nanocrystals. <i>Journal of Materials Chemistry A</i> , 2020, 8, 25275-25282.	10.3	7
413	Applying intermolecular hydrogen bonding to exploit TADF emitters for high-performance orange-red non-doped OLEDs. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4717-4722.	5.5	7
414	Wafer-Scale Fabrication of Silicon Nanocones via Controlling Catalyst Evolution in All-Wet Metal-Assisted Chemical Etching. <i>ACS Omega</i> , 2022, 7, 2234-2243.	3.5	7

#	ARTICLE	IF	CITATIONS
415	Using fullerene fragments as acceptors to construct thermally activated delayed fluorescence emitters for high-efficiency organic light-emitting diodes. <i>Chemical Engineering Journal</i> , 2022, 435, 134731.	12.7	7
416	Thermally activated delayed fluorescence materials for nondoped organic light-emitting diodes with nearly 100% exciton harvest. <i>SmartMat</i> , 2023, 4, .	10.7	7
417	Cathodoluminescence and photoluminescence of individual silicon nanowires. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2007, 204, 1512-1517.	1.8	6
418	Amorphous silicon as electron transport layer for colloidal semiconductor nanocrystals light emitting diode. <i>Applied Physics Letters</i> , 2009, 95, 233502.	3.3	6
419	Self-assembly of ZnO/SiO ₂ hierarchical nanostructures array on metal substrate. <i>Chemical Communications</i> , 2009, , 5916.	4.1	6
420	Facile and green fabrication of organic single-crystal hollow micro/nanostructures. <i>Nanotechnology</i> , 2011, 22, 285606.	2.6	6
421	Controlled Formation of Ni(DMG) ₂ Microrods/Tubes by Manipulating the Kinetics of Chemical Reactions and Their Application in Naked-Eye Sensors. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 6592-6595.	0.9	6
422	Large-scale assembly of semiconductor nanowires into desired patterns for sensor applications. <i>New Journal of Chemistry</i> , 2013, 37, 1776.	2.8	6
423	Constructing a novel single-layer white organic light-emitting device through a new sky-blue fluorescent bipolar host. <i>Organic Electronics</i> , 2014, 15, 3514-3520.	2.6	6
424	All-in-One, Solid-State, Solar-Powered Electrochemical Cell. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 57182-57189.	8.0	6
425	Pyridine-substituted triazine as an acceptor for thermally activated delayed fluorescence emitters showing high efficiency and low roll-off in organic light-emitting diodes. <i>Materials Today Energy</i> , 2021, 20, 100581.	4.7	6
426	An efficient chloride-selective fluorescent chemosensor based on 2,9-bis(4-hydroxyphenyl)phenanthroline Cu(II) complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 67, 281-286.	3.9	5
427	π-π INTERACTION IN BENZENE DIMER STUDIED USING DENSITY FUNCTIONAL THEORY AUGMENTED WITH AN EMPIRICAL DISPERSION TERM. <i>Journal of Theoretical and Computational Chemistry</i> , 2010, 09, 109-123.	1.8	5
428	Synthesis of Hollow Silica Spheres with Hierarchical Shell Structure by the Dual Action of Liquid Indium Microbeads in Vapor-Liquid-Solid Growth. <i>Langmuir</i> , 2011, 27, 7996-7999.	3.5	5
429	A silicon/zinc 2,9,16,23-tetraaminophthalocyanine coaxial core-shell nanowire array as an efficient solar hydrogen generation photocatalyst. <i>Nanotechnology</i> , 2012, 23, 175401.	2.6	5
430	Non-ionic surfactant-novel agents to realize high efficiency non-fullerene opaque and semitransparent organic solar cells with Enhanced Stability. <i>Organic Electronics</i> , 2018, 62, 195-202.	2.6	5
431	Metal-catalyzed chemical etching using DIO ₃ as a hole injection agent for efficient submicron-textured multicrystalline silicon solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2021, 227, 111104.	6.2	5
432	Novel donor-spacer-acceptor compound as the multifunctional component of exciplexes for efficient organic light-emitting diodes. <i>Science China Materials</i> , 2022, 65, 460-468.	6.3	5

#	ARTICLE	IF	CITATIONS
433	Light management of PERC solar cell with the front and back dielectric multilayers. Progress in Photovoltaics: Research and Applications, 0, , .	8.1	5
434	Insights into the Origins of Minority Carrier Traps in Solution-Processed Organic Semiconductors and Their Effects on Transistor Photostability. Advanced Electronic Materials, 2022, 8, .	5.1	5
435	A novel visible light photo-induced acid-generation system. Journal of Applied Polymer Science, 2002, 84, 909-915.	2.6	4
436	Large-scale silica nanowire array grown on liquid tin and its applications as Hg (II) scavenger. Applied Physics Letters, 2008, 93, 023119.	3.3	4
437	Electron Transport Suppression from Tip-Plane State Interaction on Si(100)-2 Å ⁻¹ Surfaces. Journal of Chemical Theory and Computation, 2011, 7, 707-712.	5.3	4
438	Low-Cost Solar Cell Based on a Composite of Silicon Nanowires and a Highly Conductive Nonphotoactive Polymer. Chemistry - A European Journal, 2013, 19, 17273-17276.	3.3	4
439	Patterned growth of single-crystal 3, 4, 9, 10-perylenetetracarboxylic dianhydride nanowire arrays for field-emission and optoelectronic devices. Nanotechnology, 2015, 26, 295302.	2.6	4
440	A facile method for fabrication of highly integrated organic field-effect transistors on photoresist-unwettable insulators with remarkable stability. Organic Electronics, 2016, 34, 104-110.	2.6	4
441	Bismuth-catalyzed and doped p-type ZnSe nanowires and their temperature-dependent charge transport properties. Journal of Materials Chemistry C, 2016, 4, 857-862.	5.5	4
442	The origin of luminescence from di[4-(4-diphenylaminophenyl)phenyl]sulfone (DAPSF), a blue light emitter: an X-ray excited optical luminescence (XEOL) and X-ray absorption near edge structure (XANES) study. Physical Chemistry Chemical Physics, 2016, 18, 6406-6410.	2.8	4
443	Anomalous effect of the aging degree on the ionic permeability of silica shells. RSC Advances, 2018, 8, 38499-38505.	3.6	4
444	Novel star-shaped yellow thermally activated delayed fluorescence emitter realizing over 10% external quantum efficiency at high luminance of 30000 cd m ⁻² in OLED. Organic Electronics, 2018, 62, 220-226.	2.6	4
445	Improving performance of thermally activated delayed fluorescence emitter by extending its LUMO distribution. Science China Materials, 2019, 62, 719-728.	6.3	4
446	Molecular deposition condition dependent structural and charge transport properties of CBP films. Computational Materials Science, 2020, 182, 109785.	3.0	4
447	Forcing dimethylacridine crooking to improve the efficiency of orange-red thermally activated delayed fluorescent emitters. Journal of Materials Chemistry C, 2020, 8, 10416-10421.	5.5	4
448	A phototransistor with visual adaptation. Nature Electronics, 2021, 4, 460-461.	26.0	4
449	Reddish Organic Light Electroluminescent Device with DPP Emitting Layer. Physica Status Solidi A, 1999, 173, 491-494.	1.7	3
450	Transmission Electron Microscopy Investigation of Sb-Doped ZnO Nanoribbons and Zn ₇ Sb ₂ O ₁₂ Branched ZnO Nanoribbon Structure. Journal of Nanoscience and Nanotechnology, 2006, 6, 2200-2203.	0.9	3

#	ARTICLE	IF	CITATIONS
451	UV irradiation induced switching of surface charge polarity on pyrene modified Si nanowires. <i>Applied Physics Letters</i> , 2011, 98, 253101.	3.3	3
452	Impact of compound doping on hole and electron balance in p-i-n organic light-emitting diodes. <i>AIP Advances</i> , 2013, 3, 102124.	1.3	3
453	A New Multifunctional Triazine- π -Carbazole Compound with High Triplet Energy for High-Performance Blue Fluorescence, Green and Red Phosphorescent Host, and Hybrid White Organic Light-Emitting Diodes. <i>Israel Journal of Chemistry</i> , 2014, 54, 952-957.	2.3	3
454	Si nanowire directly grown on a liquid metal substrate towards wafer scale transferable nanowire arrays with improved visible-light sterilization. <i>Nanotechnology</i> , 2014, 25, 145601.	2.6	3
455	Highly efficient white fluorescence/phosphorescence hybrid organic light emitting devices based on an efficient hole-transporting blue emitter. <i>Dyes and Pigments</i> , 2015, 115, 149-153.	3.7	3
456	Super-Hydrophobic Silicon/Silica Hierarchical Structure Film. <i>Wuli Huaxue Xuebao/ Acta Physico-Chimica Sinica</i> , 2011, 27, 2233-2238.	4.9	3
457	Efficient and stable single-emitting-layer white organic light-emitting diodes by employing all thermally activated delayed fluorescence emitters. <i>Organic Electronics</i> , 2022, 101, 106415.	2.6	3
458	Patterning of organic semiconductor crystal arrays via microchannel-assisted inkjet printing for organic field-effect transistors. <i>JPhys Materials</i> , 2022, 5, 035001.	4.2	3
459	Solvatochromic effect of a fluorescence probe used to study the environmental properties of organic montmorillonite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 279, 233-237.	4.7	2
460	Inside Cover: Polyhedral Organic Microcrystals: From Cubes to Rhombic Dodecahedra (<i>Angew. Chem.</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	13.8	2
461	A new family of solution-processible tris-(pinene-phenylpyridine) iridium(III) derivatives for polymer light-emitting diodes. <i>Synthetic Metals</i> , 2009, 159, 689-694.	3.9	2
462	Electronic structure and optical properties of 2,5,8,11-tetra-tert-butylperylene polyhedral crystals from x-ray absorption near-edge structure and x-ray excited optical luminescence studies. <i>Applied Physics Letters</i> , 2011, 98, 243106.	3.3	2
463	White OLEDs: Management of Singlet and Triplet Excitons in a Single Emission Layer: A Simple Approach for a High-Efficiency Fluorescence/Phosphorescence Hybrid White Organic Light-Emitting Device (Adv.) Tj ETQq11100.784314 rgBT	11.4	2
464	Highly efficient and stable Si nanowires array embedded into transparent polymer for visible light photoelectrochemical cell. <i>Nanotechnology</i> , 2014, 25, 265401.	2.6	2
465	OLEDs: Novel Strategy to Develop Exciplex Emitters for High-Performance OLEDs by Employing Thermally Activated Delayed Fluorescence Materials (Adv. Funct. Mater. 12/2016). <i>Advanced Functional Materials</i> , 2016, 26, 2036-2036.	14.9	2
466	Surface engineering of organic nanoparticles for highly improved bioimaging. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 596-604.	5.0	2
467	Atomic-Scale Interface Engineering for Constructing p-CuPc/n-CdS Core-Shell Heterojunctions toward Light-Harvesting Application. <i>ACS Applied Energy Materials</i> , 2020, 3, 8765-8773.	5.1	2
468	New electron-donating segment to develop thermally activated delayed fluorescence emitters for efficient solution-processed non-doped organic light-emitting diodes. <i>Chinese Chemical Letters</i> , 2022, 33, 1110-1115.	9.0	2

#	ARTICLE	IF	CITATIONS
469	High-performance red and white organic light-emitting diodes based on a novel red thermally activated delayed fluorescence emitter in an exciplex matrix. <i>Materials Today Energy</i> , 2021, 21, 100818.	4.7	2
470	Selectively electroless deposited Ag nanoparticles embedded in the dielectric layer to tune the rear color of bifacial solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2021, 232, 111358.	6.2	2
471	A STUDY ON THE INTERACTION OF SODIUM POLYSTYRENE SULFONATE WITH CATIONIC SURFACTANTS AND THE FORMATION OF NANO-AGGREGATES. <i>Acta Polymerica Sinica</i> , 2006, 006, 76-81.	0.0	2
472	Photo-physical Behavior of Modified β -Cyclodextrin by Dimethylamino Chalcone in Different Solvents. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2002, 18, 495-499.	4.9	2
473	Emission Behavior of Non-Planar Intra-Molecular Conjugated Charge Transfer Compounds. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2003, 19, 670-674.	4.9	2
474	Thermally activated delayed fluorescence exciplexes in organic light-emitting diodes. , 2022, , 353-426.		2
475	A perspective on ultralong silicon nanowires for flexible sensors. <i>Applied Physics Letters</i> , 2022, 120, 130501.	3.3	2
476	Grafting Branches and Diameter Adjustment to Nanotubes. <i>Chemistry of Materials</i> , 2008, 20, 3740-3744.	6.7	1
477	First-principles study of silicon bulk and nanowire (111) surfaces terminated with trihydrides: Symmetric, rotated, and tilted. <i>Physical Review B</i> , 2009, 80, .	3.2	1
478	Controllable Synthesis of 6H-1,4-Diazepine-2,3-Dicarbonitrile Nanocrystals and Their Optical Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 7405-7408.	0.9	1
479	Understanding Non-Twinning Zigzag Nanowire Formation for New Nanoscale Devices. <i>ACS Applied Nano Materials</i> , 2019, 2, 673-677.	5.0	1
480	Solution-Processable Carbon and Graphene Quantum Dots Photodetectors. <i>Lecture Notes in Nanoscale Science and Technology</i> , 2021, , 157-214.	0.8	1
481	Novel D-A structure thermally activated delayed fluorescence emitters realizing over 20% external quantum efficiencies in both evaporation- and solution-processed organic light-emitting diodes. <i>Organic Electronics</i> , 2021, 99, 106312.	2.6	1
482	Blocking Energy-Loss Pathways for Efficient All-Fluorescent Solution-processed Organic Light-emitting Diodes by Introducing Polymer Additive. <i>Journal of Physics: Conference Series</i> , 2022, 2174, 012030.	0.4	1
483	Shear-induced alignment of low-aspect-ratio nanorods for modulations of multiple optical properties. <i>Journal of Materials Chemistry C</i> , 2022, 10, 9478-9483.	5.5	1
484	A specific fluorescent chemosensor for copper (II) cation recognition*. <i>Progress in Natural Science: Materials International</i> , 2003, 13, 201-205.	4.4	0
485	A Novel Colorimetric and Fluorescent Anion Chemosensor Based on the Flavone Quasi-Crown Ether ²⁺ Metal Complex.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
486	AN ITERATION SCHEME FOR CALCULATING TRANSPORT PROPERTIES OF MOLECULAR SYSTEMS. <i>Journal of Theoretical and Computational Chemistry</i> , 2007, 06, 975-984.	1.8	0

#	ARTICLE	IF	CITATIONS
487	Innentitelbild: Polyhedral Organic Microcrystals: From Cubes to Rhombic Dodecahedra (Angew. Chem.) Tj ETQq1 1 0.784314 rgBT / Over	2.0	0
488	Fabrication and Structure Characterization of Te Butterfly Nanostructures. Journal of Nanoscience and Nanotechnology, 2011, 11, 11037-11040.	0.9	0
489	Photocatalysis: Iodine-Modified Poly(3,4-Ethylenedioxythiophene)-Modified Si Nanowire 1D Core-Shell Arrays as an Efficient Photocatalyst for Solar Hydrogen Generation (Adv. Mater. 46/2012). Advanced Materials, 2012, 24, 6250-6250.	21.0	0
490	Organic Light-Emitting Devices: Remanagement of Singlet and Triplet Excitons in Single-Emissive-Layer Hybrid White Organic Light-Emitting Devices Using Thermally Activated Delayed Fluorescent Blue Exciplex (Adv. Mater. 44/2015). Advanced Materials, 2015, 27, 7078-7078.	21.0	0
491	Colorimetric Sensors: Hydrogen-Terminated Si Nanowires as Label-Free Colorimetric Sensors in the Ultrasensitive and Highly Selective Detection of Fluoride Anions in Pure Water Phase (Adv. Funct.) Tj ETQq1 1 0.784314 rgBT / Overlo	1.0	0
492	Exciplex Emitters: Prediction and Design of Efficient Exciplex Emitters for High-Efficiency, Thermally Activated Delayed-Fluorescence Organic Light-Emitting Diodes (Adv. Mater. 14/2015). Advanced Materials, 2015, 27, 2377-2377.	21.0	0
493	The Preparation of Nano-sized Silica Gel Suspension and the Recognition of Transition Metal Cations. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2004, 20, 313-317.	4.9	0
494	Study on the Steady State Photo-physical Behaviors of Oxonol Dye. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2004, 20, 350-354.	4.9	0
495	Nano-wire Preparation of Small Molecular Organic Compound in Solution. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2005, 21, 106-109.	4.9	0
496	Effect of Sodium Dodecyl Sulfate on the Behavior of PEO-PPO-PEO Triblock Copolymer in Aqueous Solution. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 1999, 15, 390-397.	4.9	0
497	Layered double hydroxides-silver-chlorin e6 nanocomposite for photo-chemo combination therapy to efficiently combat both Gram-positive and Gram-negative bacteria. Materials Today Communications, 2022, 30, 103101.	1.9	0