

C-S Lee

List of Publications by Year in descending order

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1,017
papers

61,458
citations

699

121
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3021

188
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1036
all docs

1036
docs citations

1036
times ranked

47511
citing authors

#	ARTICLE	IF	CITATIONS
1	A graphene quantum dot photodynamic therapy agent with high singlet oxygen generation. Nature Communications, 2014, 5, 4596.	5.8	1,141
2	Small-Diameter Silicon Nanowire Surfaces. Science, 2003, 299, 1874-1877.	6.0	1,114
3	A Novel Aluminum-Graphite Dual-Ion Battery. Advanced Energy Materials, 2016, 6, 1502588.	10.2	1,079
4	Photosensitizers for Photodynamic Therapy. Advanced Healthcare Materials, 2019, 8, e1900132.	3.9	637
5	High-Density, Ordered Ultraviolet Light-Emitting ZnO Nanowire Arrays. Advanced Materials, 2003, 15, 838-841.	11.1	598
6	Formation of Silicon Carbide Nanotubes and Nanowires via Reaction of Silicon (from) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (Disp Society, 2002, 124, 14464-14471.	6.6	527
7	Oriented Silicon Carbide Nanowires: Synthesis and Field Emission Properties. Advanced Materials, 2000, 12, 1186-1190.	11.1	523
8	Silicon nanowires prepared by laser ablation at high temperature. Applied Physics Letters, 1998, 72, 1835-1837.	1.5	519
9	Green Synthesis of Bifunctional Fluorescent Carbon Dots from Garlic for Cellular Imaging and Free Radical Scavenging. ACS Applied Materials & Interfaces, 2015, 7, 17054-17060.	4.0	494
10	Incorporation of Graphenes in Nanostructured TiO ₂ Films <i>via</i> Molecular Grafting for Dye-Sensitized Solar Cell Application. ACS Nano, 2010, 4, 3482-3488.	7.3	471
11	Regulating Surface Termination for Efficient Inverted Perovskite Solar Cells with Greater Than 23% Efficiency. Journal of the American Chemical Society, 2020, 142, 20134-20142.	6.6	414
12	Large-Scale Rapid Oxidation Synthesis of SnO ₂ Nanoribbons. Journal of Physical Chemistry B, 2002, 106, 3823-3826.	1.2	376
13	Nickel-Cobalt Diselenide 3D Mesoporous Nanosheet Networks Supported on Ni Foam: An All-pH Highly Efficient Integrated Electrocatalyst for Hydrogen Evolution. Advanced Materials, 2017, 29, 1606521.	11.1	370
14	Antioxidant Grain Passivation for Air-Stable Tin-Based Perovskite Solar Cells. Angewandte Chemie - International Edition, 2019, 58, 806-810.	7.2	369
15	Hierarchical nanotubes assembled from MoS ₂ -carbon monolayer sandwiched superstructure nanosheets for high-performance sodium ion batteries. Nano Energy, 2016, 22, 27-37.	8.2	333
16	High Efficiency Nondoped Deep-Blue Organic Light Emitting Devices Based on Imidazole-triphenylamine Derivatives. Chemistry of Materials, 2012, 24, 61-70.	3.2	313
17	Nucleation and growth of Si nanowires from silicon oxide. Physical Review B, 1998, 58, R16024-R16026.	1.1	309
18	Thermal Reduction Route to the Fabrication of Coaxial Zn/ZnO Nanocables and ZnO Nanotubes. Chemistry of Materials, 2003, 15, 305-308.	3.2	306

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19	Interlayer Nanoarchitectonics of Two-Dimensional Transition-Metal Dichalcogenides Nanosheets for Energy Storage and Conversion Applications. <i>Advanced Energy Materials</i> , 2017, 7, 1700571.	10.2	303
20	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.	11.1	299
21	Vertically Aligned p-Type Single-Crystalline GaN Nanorod Arrays on n-Type Si for Heterojunction Photovoltaic Cells. <i>Nano Letters</i> , 2008, 8, 4191-4195.	4.5	298
22	2D Perovskites with Short Interlayer Distance for High-Performance Solar Cell Application. <i>Advanced Materials</i> , 2018, 30, e1800710.	11.1	297
23	One-dimensional II-VI nanostructures: Synthesis, properties and optoelectronic applications. <i>Nano Today</i> , 2010, 5, 313-336.	6.2	293
24	Hydrogen-Assisted Thermal Evaporation Synthesis of ZnS Nanoribbons on a Large Scale. <i>Advanced Materials</i> , 2003, 15, 323-327.	11.1	279
25	Synthesis of Uniform Hexagonal Prismatic ZnO Whiskers. <i>Chemistry of Materials</i> , 2002, 14, 1216-1219.	3.2	276
26	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.	7.8	276
27	Si nanowires grown from silicon oxide. <i>Chemical Physics Letters</i> , 1999, 299, 237-242.	1.2	273
28	Well-Aligned ZnO Nanowire Arrays Fabricated on Silicon Substrates. <i>Advanced Functional Materials</i> , 2004, 14, 589-594.	7.8	272
29	A Novel Double-Crosslinking-Double-Network Design for Injectable Hydrogels with Enhanced Tissue Adhesion and Antibacterial Capability for Wound Treatment. <i>Advanced Functional Materials</i> , 2020, 30, 1904156.	7.8	256
30	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.	11.1	255
31	Aligned and Graded Type-II Ruddlesden-Popper Perovskite Films for Efficient Solar Cells. <i>Advanced Energy Materials</i> , 2018, 8, 1800185.	10.2	247
32	Red/Near-Infrared Thermally Activated Delayed Fluorescence OLEDs with Near 100% Internal Quantum Efficiency. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14660-14665.	7.2	247
33	Oxygen-Incorporated NiMoP Nanotube Arrays as Efficient Bifunctional Electrocatalysts For Urea-Assisted Energy-Saving Hydrogen Production in Alkaline Electrolyte. <i>Advanced Functional Materials</i> , 2021, 31, 2104951.	7.8	247
34	Two-photon-excited near-infrared emissive carbon dots as multifunctional agents for fluorescence imaging and photothermal therapy. <i>Nano Research</i> , 2017, 10, 3113-3123.	5.8	246
35	Tunable Band Gaps and p-Type Transport Properties of Boron-Doped Graphenes by Controllable Ion Doping Using Reactive Microwave Plasma. <i>ACS Nano</i> , 2012, 6, 1970-1978.	7.3	244
36	p-Type ZnO Nanowire Arrays. <i>Nano Letters</i> , 2008, 8, 2591-2597.	4.5	237

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37	Silicon nanowires as chemical sensors. <i>Chemical Physics Letters</i> , 2003, 369, 220-224.	1.2	235
38	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.	11.1	232
39	Synthesis of boron nitride nanotubes by means of excimer laser ablation at high temperature. <i>Applied Physics Letters</i> , 1998, 72, 1966-1968.	1.5	228
40	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.	11.1	225
41	Iron Vacancies Induced Bifunctionality in Ultrathin Ferroxhyte Nanosheets for Overall Water Splitting. <i>Advanced Materials</i> , 2018, 30, e1803144.	11.1	225
42	Ultrahigh Nitrogen Doping of Carbon Nanosheets for High Capacity and Long Cycling Potassium Ion Storage. <i>Advanced Energy Materials</i> , 2019, 9, 1902672.	10.2	219
43	Enhanced efficiency of polymer solar cells by adding a high-mobility conjugated polymer. <i>Energy and Environmental Science</i> , 2015, 8, 1463-1470.	15.6	216
44	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.	3.2	214
45	Field-emission characteristics of SiC nanowires prepared by chemical-vapor deposition. <i>Applied Physics Letters</i> , 1999, 75, 2918-2920.	1.5	209
46	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.	11.1	206
47	A High Tg Carbazole-Based Hole-Transporting Material for Organic Light-Emitting Devices. <i>Chemistry of Materials</i> , 2005, 17, 1208-1212.	3.2	204
48	Rational Design of Conjugated Small Molecules for Superior Photothermal Theranostics in the NIR-II Biowindow. <i>Advanced Materials</i> , 2020, 32, e2001146.	11.1	204
49	Laser Ablation Synthesis and Optical Characterization of Silicon Carbide Nanowires. <i>Journal of the American Ceramic Society</i> , 2000, 83, 3228-3230.	1.9	203
50	Wavelength-Controlled Lasing in ZnxCd1-xS Single-Crystal Nanoribbons. <i>Advanced Materials</i> , 2005, 17, 1372-1377.	11.1	203
51	Tunable n-Type Conductivity and Transport Properties of Ga-doped ZnO Nanowire Arrays. <i>Advanced Materials</i> , 2008, 20, 168-173.	11.1	203
52	Avoiding Energy Loss on TADF Emitters: Controlling the Dual Conformations of A Structure Molecules Based on the Pseudoplanar Segments. <i>Advanced Materials</i> , 2017, 29, 1701476.	11.1	199
53	SiO ₂ -enhanced synthesis of Si nanowires by laser ablation. <i>Applied Physics Letters</i> , 1998, 73, 3902-3904.	1.5	196
54	Synthesis of Large Areas of Highly Oriented, Very Long Silicon Nanowires. <i>Advanced Materials</i> , 2000, 12, 1343-1345.	11.1	194

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55	Cu ₂ ZnSnS ₄ Hierarchical Microspheres as an Effective Counter Electrode Material for Quantum Dot Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2012, 116, 19718-19723.	1.5	193
56	Hierarchical composite structure of few-layers MoS ₂ nanosheets supported by vertical graphene on carbon cloth for high-performance hydrogen evolution reaction. <i>Nano Energy</i> , 2015, 18, 196-204.	8.2	191
57	Biodegradable Î€-Conjugated Oligomer Nanoparticles with High Photothermal Conversion Efficiency for Cancer Theranostics. <i>ACS Nano</i> , 2019, 13, 12901-12911.	7.3	191
58	ZnO/Au Composite Nanoarrays As Substrates for Surface-Enhanced Raman Scattering Detection. <i>Journal of Physical Chemistry C</i> , 2010, 114, 93-100.	1.5	190
59	Synthesis of 1T-MoSe ₂ ultrathin nanosheets with an expanded interlayer spacing of 1.17 nm for efficient hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14949-14953.	5.2	190
60	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.	11.1	188
61	Biocompatible Dâ€™A Semiconducting Polymer Nanoparticle with Lightâ€™Harvesting Unit for Highly Effective Photoacoustic Imaging Guided Photothermal Therapy. <i>Advanced Functional Materials</i> , 2017, 27, 1605094.	7.8	188
62	ZnO Nanotube Arrays as Biosensors for Glucose. <i>Journal of Physical Chemistry C</i> , 2009, 113, 20169-20172.	1.5	187
63	Solutionâ€™Processable Ultrathin Black Phosphorus as an Effective Electron Transport Layer in Organic Photovoltaics. <i>Advanced Functional Materials</i> , 2016, 26, 864-871.	7.8	187
64	Single-Crystal Nanoribbons, Nanotubes, and Nanowires from Intramolecular Charge-Transfer Organic Molecules. <i>Journal of the American Chemical Society</i> , 2007, 129, 3527-3532.	6.6	185
65	Arrays of ZnO/Zn<i>x</i>/Cd<i>x</i>/Se Nanocables: Band Gap Engineering and Photovoltaic Applications. <i>Nano Letters</i> , 2011, 11, 4138-4143.	4.5	185
66	A Family of Electroluminescent Silyl-Substituted Poly(p-phenylenevinylene)s:Âˆ Synthesis, Characterization, and Structureâ€™Property Relationships. <i>Macromolecules</i> , 2000, 33, 9015-9025.	2.2	184
67	Bright-blue electroluminescence from a silyl-substituted ter-(phenyleneâ€™vinylene) derivative. <i>Applied Physics Letters</i> , 1999, 74, 865-867.	1.5	183
68	ZnS Nanowires with Wurtzite Polytype Modulated Structure. <i>Advanced Materials</i> , 2003, 15, 1195-1198.	11.1	182
69	Novel Strategy to Develop Exciplex Emitters for Highâ€™Performance OLEDs by Employing Thermally Activated Delayed Fluorescence Materials. <i>Advanced Functional Materials</i> , 2016, 26, 2002-2008.	7.8	181
70	Surfaceâ€™Dominated Transport Properties of Silicon Nanowires. <i>Advanced Functional Materials</i> , 2008, 18, 3251-3257.	7.8	180
71	Carbazole/Sulfone Hybrid D-Î€-A-Structured Bipolar Fluorophores for High-Efficiency Blue-Violet Electroluminescence. <i>Chemistry of Materials</i> , 2013, 25, 2630-2637.	3.2	180
72	Controlled synthesis of oriented single-crystal ZnO nanotube arrays on transparent conductive substrates. <i>Applied Physics Letters</i> , 2008, 92, .	1.5	175

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73	Vertically Aligned ZnO Nanorod Arrays Sensitized with Gold Nanoparticles for Schottky Barrier Photovoltaic Cells. <i>Journal of Physical Chemistry C</i> , 2009, 113, 13433-13437.	1.5	174
74	Efficient organic photovoltaic devices using a combination of exciton blocking layer and anodic buffer layer. <i>Journal of Applied Physics</i> , 2006, 100, 094506.	1.1	173
75	Synthesis of nano-scale silicon wires by excimer laser ablation at high temperature. <i>Solid State Communications</i> , 1998, 105, 403-407.	0.9	172
76	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
77	Germanium nanowires sheathed with an oxide layer. <i>Physical Review B</i> , 2000, 61, 4518-4521.	1.1	171
78	Low-Cost Metallic Anode Materials for High Performance Rechargeable Batteries. <i>Advanced Energy Materials</i> , 2017, 7, 1700536.	10.2	171
79	Manipulation of Molecular Aggregation States to Realize Polymorphism, AIE, MCL, and TADF in a Single Molecule. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12473-12477.	7.2	171
80	β -SiC nanorods synthesized by hot filament chemical vapor deposition. <i>Applied Physics Letters</i> , 1999, 74, 3942-3944.	1.5	169
81	Approaching the ideal elastic strain limit in silicon nanowires. <i>Science Advances</i> , 2016, 2, e1501382.	4.7	169
82	Zinc Selenide Nanoribbons and Nanowires. <i>Journal of Physical Chemistry B</i> , 2004, 108, 2784-2787.	1.2	166
83	Unconventional Nickel Nitride Enriched with Nitrogen Vacancies as a High-Efficiency Electrocatalyst for Hydrogen Evolution. <i>Advanced Science</i> , 2018, 5, 1800406.	5.6	163
84	White-Light Emission from a Single-Emitting-Component Organic Electroluminescent Device. <i>Advanced Materials</i> , 2004, 16, 1538-1541.	11.1	161
85	Graphitic carbon nitride nanosheet@metal-organic framework core-shell nanoparticles for photo-chemo combination therapy. <i>Nanoscale</i> , 2015, 7, 17299-17305.	2.8	160
86	A General Synthetic Route to III-V Compound Semiconductor Nanowires. <i>Advanced Materials</i> , 2001, 13, 591-594.	11.1	158
87	Doping-induced efficiency enhancement in organic photovoltaic devices. <i>Applied Physics Letters</i> , 2007, 90, 023504.	1.5	158
88	Three-dimensional-networked NiCo ₂ S ₄ nanosheet array/carbon cloth anodes for high-performance lithium-ion batteries. <i>NPG Asia Materials</i> , 2015, 7, e195-e195.	3.8	158
89	Membrane-Anchoring Photosensitizer with Aggregation-Induced Emission Characteristics for Combating Multidrug-Resistant Bacteria. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 632-636.	7.2	154
90	Blue-emitting organic electrofluorescence materials: progress and prospective. <i>Journal of Materials Chemistry C</i> , 2015, 3, 10957-10963.	2.7	153

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91	In situ incorporation of FeS nanoparticles/carbon nanosheets composite with an interconnected porous structure as a high-performance anode for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 3697-3703.	5.2	153
92	A bis-salicylaldiminato Schiff base and its zinc complex as new highly fluorescent red dopants for high performance organic electroluminescence devices. <i>Chemical Communications</i> , 2003, , 1664-1665.	2.2	152
93	High interfacial storage capability of porous NiMn ₂ O ₄ /C hierarchical tremella-like nanostructures as the lithium ion battery anode. <i>Nanoscale</i> , 2015, 7, 225-231.	2.8	152
94	Grapheneâ€Nanowallâ€Decorated Carbon Felt with Excellent Electrochemical Activity Toward VO ₂ ⁺ /VO ₂ ⁺ Couple for All Vanadium Redox Flow Battery. <i>Advanced Science</i> , 2016, 3, 1500276.	5.6	152
95	Surface Engineering of ZnO Nanostructures for Semiconductorâ€Sensitized Solar Cells. <i>Advanced Materials</i> , 2014, 26, 5337-5367.	11.1	149
96	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.	7.3	149
97	Free-standing Single Crystal Silicon Nanoribbons. <i>Journal of the American Chemical Society</i> , 2001, 123, 11095-11096.	6.6	148
98	Semiconductor nanowires from oxides. <i>Journal of Materials Research</i> , 1999, 14, 4503-4507.	1.2	145
99	Achieving efficient violet-blue electroluminescence with CIE _y ≤ 0.06 and EQE >6% from naphthyl-linked phenanthroimidazoleâ€carbazole hybrid fluorophores. <i>Chemical Science</i> , 2017, 8, 3599-3608.	3.7	145
100	Carbon Nanoparticle-based Ratiometric Fluorescent Sensor for Detecting Mercury Ions in Aqueous Media and Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 21270-21278.	4.0	144
101	Bimetallic PtPd nanoparticles on Nafionâ€graphene film as catalyst for ethanol electro-oxidation. <i>Journal of Materials Chemistry</i> , 2012, 22, 8057.	6.7	143
102	Uniform carbon nanoflake films and their field emissions. <i>Chemical Physics Letters</i> , 2002, 358, 187-191.	1.2	142
103	A New Family of Red Dopants Based on Chromene-Containing Compounds for Organic Electroluminescent Devices. <i>Chemistry of Materials</i> , 2001, 13, 1565-1569.	3.2	140
104	Electrical properties of zinc oxide nanowires and intramolecular pâ€n junctions. <i>Applied Physics Letters</i> , 2003, 83, 3168-3170.	1.5	139
105	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.	2.8	139
106	Zwitterionic-Surfactant-Assisted Room-Temperature Coating of Efficient Perovskite Solar Cells. <i>Joule</i> , 2020, 4, 2404-2425.	11.7	137
107	Copper substituted P2-type Na _{0.67} Cu _x Mn _{1-x} O ₂ : a stable high-power sodium-ion battery cathode. <i>Journal of Materials Chemistry A</i> , 2015, 3, 22846-22852.	5.2	135
108	Iron(<i>sc</i>) molybdate (FeMoO ₄) nanorods as a high-performance anode for lithium ion batteries: structural and chemical evolution upon cycling. <i>Journal of Materials Chemistry A</i> , 2015, 3, 20527-20534.	5.2	135

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109	Pyrite FeS ₂ microspheres wrapped by reduced graphene oxide as high-performance lithium-ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 7945-7949.	5.2	134
110	Bulk-quantity GaN nanowires synthesized from hot filament chemical vapor deposition. <i>Chemical Physics Letters</i> , 2000, 327, 263-270.	1.2	133
111	Graphene sheets via microwave chemical vapor deposition. <i>Chemical Physics Letters</i> , 2009, 467, 361-364.	1.2	131
112	Core-Shell Si/C Nanospheres Embedded in Bubble Sheet-Like Carbon Film with Enhanced Performance as Lithium Ion Battery Anodes. <i>Small</i> , 2015, 11, 1345-1351.	5.2	131
113	Porous CuCo ₂ O ₄ nanocubes wrapped by reduced graphene oxide as high-performance lithium-ion battery anodes. <i>Nanoscale</i> , 2014, 6, 6551-6556.	2.8	130
114	Improved performance of electroluminescent devices based on an europium complex. <i>Applied Physics Letters</i> , 2000, 76, 67-69.	1.5	129
115	Ruthenium(II) Complex Incorporated UiO-67 Metal-Organic Framework Nanoparticles for Enhanced Two-Photon Fluorescence Imaging and Photodynamic Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 5699-5708.	4.0	129
116	Semiconductor nanowires: synthesis, structure and properties. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2000, 286, 16-23.	2.6	128
117	Wafer-Scale Synthesis of Single-Crystal Zigzag Silicon Nanowire Arrays with Controlled Turning Angles. <i>Nano Letters</i> , 2010, 10, 864-868.	4.5	128
118	Synthesis of Porous ZnS:Ag ₂ S Nanosheets by Ion Exchange for Photocatalytic H ₂ Generation. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 9078-9084.	4.0	128
119	Single-Crystal Organic Microtubes with a Rectangular Cross Section. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1525-1528.	7.2	127
120	Vertically Aligned Graphene Nanosheet Arrays: Synthesis, Properties and Applications in Electrochemical Energy Conversion and Storage. <i>Advanced Energy Materials</i> , 2017, 7, 1700678.	10.2	126
121	Highly Air-Stable Tin-Based Perovskite Solar Cells through Grain-Surface Protection by Gallic Acid. <i>ACS Energy Letters</i> , 2020, 5, 1741-1749.	8.8	126
122	A Nucleation Site and Mechanism Leading to Epitaxial Growth of Diamond Films. <i>Science</i> , 2000, 287, 104-106.	6.0	125
123	Immune Checkpoint Blockade Mediated by a Small-Molecule Nanoinhibitor Targeting the PD-1/PD-L1 Pathway Synergizes with Photodynamic Therapy to Elicit Antitumor Immunity and Antimetastatic Effects on Breast Cancer. <i>Small</i> , 2019, 15, e1903881.	5.2	124
124	Facile One-Step Growth and Patterning of Aligned Squaraine Nanowires via Evaporation-Induced Self-Assembly. <i>Advanced Materials</i> , 2008, 20, 1716-1720.	11.1	123
125	Highly Efficient Nondoped Blue Organic Light-Emitting Diodes Based on Anthracene-Triphenylamine Derivatives. <i>Journal of Physical Chemistry C</i> , 2008, 112, 14603-14606.	1.5	122
126	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.	4.0	122

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127	Bipolar Molecule as an Excellent Hole-Transporter for Organic-Light Emitting Devices. <i>Chemistry of Materials</i> , 2009, 21, 1284-1287.	3.2	121
128	Progress in the preparation and application of three-dimensional graphene-based porous nanocomposites. <i>Nanoscale</i> , 2015, 7, 5563-5577.	2.8	121
129	Mechanism of Ethanol Reforming: Theoretical Foundations. <i>Journal of Physical Chemistry C</i> , 2009, 113, 6681-6688.	1.5	118
130	Chlorine Incorporation for Enhanced Performance of Planar Perovskite Solar Cell Based on Lead Acetate Precursor. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 23110-23116.	4.0	118
131	Deformation banding and copper-type rolling textures. <i>Acta Metallurgica Et Materialia</i> , 1993, 41, 2691-2699.	1.9	117
132	Characterization of zinc oxide crystal whiskers grown by thermal evaporation. <i>Chemical Physics Letters</i> , 2001, 344, 97-100.	1.2	117
133	Efficient CsPbBr ₃ Perovskite Light-Emitting Diodes Enabled by Synergetic Morphology Control. <i>Advanced Optical Materials</i> , 2019, 7, 1801534.	3.6	117
134	Novel Starburst Molecule as a Hole Injecting and Transporting Material for Organic Light-Emitting Devices. <i>Chemistry of Materials</i> , 2005, 17, 615-619.	3.2	116
135	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.	7.2	116
136	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
137	Thin β -SiC nanorods and their field emission properties. <i>Chemical Physics Letters</i> , 2000, 318, 58-62.	1.2	114
138	Interfacial electronic structure of copper phthalocyanine and copper hexadecafluorophthalocyanine studied by photoemission. <i>Applied Physics Letters</i> , 2006, 88, 173513.	1.5	114
139	In situ nitrogen-doped graphene grown from polydimethylsiloxane by plasma enhanced chemical vapor deposition. <i>Nanoscale</i> , 2013, 5, 600-605.	2.8	114
140	Green Synthesis of Gold and Silver Nanoparticles Using Leaf Extract of <i>Clerodendrum inerme</i> ; Characterization, Antimicrobial, and Antioxidant Activities. <i>Biomolecules</i> , 2020, 10, 835.	1.8	114
141	Temperature Dependence of Si Nanowire Morphology. <i>Advanced Materials</i> , 2001, 13, 317-320.	11.1	113
142	A simple large-scale synthesis of very long aligned silica nanowires. <i>Chemical Physics Letters</i> , 2003, 367, 339-343.	1.2	113
143	Layer-stacked cobalt ferrite (CoFe ₂ O ₄) mesoporous platelets for high-performance lithium ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6990-6997.	5.2	111
144	Transmission electron microscopy evidence of the defect structure in Si nanowires synthesized by laser ablation. <i>Chemical Physics Letters</i> , 1998, 283, 368-372.	1.2	110

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145	Formation chemistry of perovskites with mixed iodide/chloride content and the implications on charge transport properties. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9081-9085.	5.2	110
146	Organic Light-Emitting Diodes Based on Imidazole Semiconductors. <i>Advanced Optical Materials</i> , 2018, 6, 1800258.	3.6	110
147	High-quality CdS nanoribbons with lasing cavity. <i>Applied Physics Letters</i> , 2004, 85, 3241-3243.	1.5	109
148	On the origin of cube texture in copper. <i>Acta Metallurgica Et Materialia</i> , 1993, 41, 1921-1927.	1.9	108
149	Photoconductivity of a Single Small-Molecule Organic Nanowire. <i>Advanced Materials</i> , 2008, 20, 2427-2432.	11.1	108
150	Electron drift mobility and electroluminescent efficiency of tris(8-hydroxyquinolinolato) aluminum. <i>Applied Physics Letters</i> , 1999, 75, 4010-4012.	1.5	107
151	Ambipolar D ^A type bifunctional materials with hybridized local and charge-transfer excited state for high performance electroluminescence with EQE of 7.20% and CIE _y $\hat{=}^{\frac{1}{4}}$ 0.06. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5402-5410.	2.7	107
152	Ultraviolet-ozone surface modification for non-wetting hole transport materials based inverted planar perovskite solar cells with efficiency exceeding 18%. <i>Journal of Power Sources</i> , 2017, 360, 157-165.	4.0	106
153	Multifunctional Crosslinking-Enabled Strain-Regulating Crystallization for Stable, Efficient $\hat{=}^{\pm}$ FAPbI ₃ -Based Perovskite Solar Cells. <i>Advanced Materials</i> , 2021, 33, e2008487.	11.1	106
154	Large-Scale Synthesis and Phase Transformation of CuSe, CuInSe ₂ , and CuInSe ₂ /CuInS ₂ Core/Shell Nanowire Bundles. <i>ACS Nano</i> , 2010, 4, 1845-1850.	7.3	105
155	One-dimensional growth mechanism of crystalline silicon nanowires. <i>Journal of Crystal Growth</i> , 1999, 197, 136-140.	0.7	104
156	Large-scale synthesis of ultrafine Si nanoparticles by ball milling. <i>Journal of Crystal Growth</i> , 2000, 220, 466-470.	0.7	104
157	Conversion of 1T-MoSe ₂ to 2H-MoS ₂ Se ₂ mesoporous nanospheres for superior sodium storage performance. <i>Nanoscale</i> , 2017, 9, 1484-1490.	2.8	104
158	Synthesis and characterization of boron carbon nitride films by radio frequency magnetron sputtering. <i>Surface and Coatings Technology</i> , 2000, 128-129, 334-340.	2.2	103
159	Flexible organic light-emitting device based on magnetron sputtered indium-tin-oxide on plastic substrate. <i>Thin Solid Films</i> , 2004, 466, 225-230.	0.8	103
160	Advances for the colorimetric detection of Hg ²⁺ in aqueous solution. <i>RSC Advances</i> , 2014, 4, 48373-48388.	1.7	102
161	Fabrication of Germanium-Filled Silica Nanotubes and Aligned Silica Nanofibers. <i>Advanced Materials</i> , 2003, 15, 70-73.	11.1	101
162	Large-scale synthesis of Cu ₂ SnS ₃ and Cu _{1.8} S hierarchical microspheres as efficient counter electrode materials for quantum dot sensitized solar cells. <i>Nanoscale</i> , 2012, 4, 6537.	2.8	101

#	ARTICLE	IF	CITATIONS
163	In Situ Carbon-Doped Mo _{(Se_{0.85}S_{0.15})₂} Hierarchical Nanotubes as Stable Anodes for High-Performance Sodium-Ion Batteries. <i>Small</i> , 2015, 11, 5667-5674.	5.2	101
164	Stable Organic Photosensitizer Nanoparticles with Absorption Peak beyond 800 Nanometers and High Reactive Oxygen Species Yield for Multimodality Phototheranostics. <i>ACS Nano</i> , 2020, 14, 9917-9928.	7.3	101
165	Structure- and size-controlled ultrafine ZnS nanowires. <i>Chemical Physics Letters</i> , 2003, 382, 434-438.	1.2	100
166	High Efficiency and Small Roll-Off Electrophosphorescence from a New Iridium Complex with Well-Matched Energy Levels. <i>Advanced Materials</i> , 2008, 20, 774-778.	11.1	100
167	Effective Phototheranostics of Brain Tumor Assisted by Near-Infrared-II Light-Responsive Semiconducting Polymer Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 33492-33499.	4.0	100
168	Growth Direction and Cross-Sectional Study of Silicon Nanowires. <i>Advanced Materials</i> , 2003, 15, 607-609.	11.1	99
169	Visible-NIR photodetectors based on CdTe nanoribbons. <i>Nanoscale</i> , 2012, 4, 2914.	2.8	99
170	Uniform Incorporation of Flocculent Molybdenum Disulfide Nanostructure into Three-Dimensional Porous Graphene as an Anode for High-Performance Lithium Ion Batteries and Hybrid Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 4691-4699.	4.0	99
171	Phenothiazine and carbazole substituted pyrene based electroluminescent organic semiconductors for OLED devices. <i>Journal of Materials Chemistry C</i> , 2016, 4, 1009-1018.	2.7	99
172	Synthesis of β -Ga ₂ O ₃ Nanowires by Laser Ablation. <i>Journal of Physical Chemistry B</i> , 2002, 106, 9536-9539.	1.2	98
173	Arrays of CdSe sensitized ZnO/ZnSe nanocables for efficient solar cells with high open-circuit voltage. <i>Journal of Materials Chemistry</i> , 2012, 22, 13374.	6.7	98
174	Morphology of Si nanowires synthesized by high-temperature laser ablation. <i>Journal of Applied Physics</i> , 1999, 85, 7981-7983.	1.1	97
175	Modification of the hole injection barrier in organic light-emitting devices studied by ultraviolet photoelectron spectroscopy. <i>Applied Physics Letters</i> , 2000, 76, 2704-2706.	1.5	97
176	Polyhedral Organic Microcrystals: From Cubes to Rhombic Dodecahedra. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9121-9123.	7.2	97
177	18% High-Efficiency Air-Processed Perovskite Solar Cells Made in a Humid Atmosphere of 70% RH. <i>Solar Rrl</i> , 2017, 1, 1700097.	3.1	97
178	Microstructures of gallium nitride nanowires synthesized by oxide-assisted method. <i>Chemical Physics Letters</i> , 2001, 345, 377-380.	1.2	96
179	Morphology-Controllable Synthesis of Pyrene Nanostructures and Its Morphology Dependence of Optical Properties. <i>Journal of Physical Chemistry B</i> , 2005, 109, 18777-18780.	1.2	96
180	Electronic structures of organic/organic heterojunctions: From vacuum level alignment to Fermi level pinning. <i>Journal of Applied Physics</i> , 2007, 101, 064504.	1.1	96

#	ARTICLE	IF	CITATIONS
181	Strong Luminescent Iridium Complexes with C≡N=N Structure in Ligands and Their Potential in Efficient and Thermally Stable Phosphorescent OLEDs. <i>Advanced Materials</i> , 2009, 21, 339-343.	11.1	96
182	Synthesis and characterization of phenanthroimidazole derivatives for applications in organic electroluminescent devices. <i>Journal of Materials Chemistry</i> , 2011, 21, 8206.	6.7	96
183	Organic semiconducting polymer amphiphile for near-infrared-II light-triggered phototheranostics. <i>Biomaterials</i> , 2020, 232, 119684.	5.7	96
184	A carbon dot-based fluorescence turn-on sensor for hydrogen peroxide with a photo-induced electron transfer mechanism. <i>Chemical Communications</i> , 2015, 51, 15574-15577.	2.2	94
185	Diameter modification of silicon nanowires by ambient gas. <i>Applied Physics Letters</i> , 1999, 75, 1842-1844.	1.5	93
186	A Dual-Ion Battery Constructed with Aluminum Foil Anode and Mesocarbon Microbead Cathode via an Alloying/Intercalation Process in an Ionic Liquid Electrolyte. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600605.	1.9	93
187	A theory of deformation banding in cold rolling. <i>Acta Metallurgica Et Materialia</i> , 1993, 41, 2265-2270.	1.9	92
188	High-Quality Graphenes via a Facile Quenching Method for Field-Effect Transistors. <i>Nano Letters</i> , 2009, 9, 1374-1377.	4.5	92
189	Manipulating Interfacial Charge-Transfer Absorption of Cocrystal Absorber for Efficient Solar Seawater Desalination and Water Purification. <i>ACS Energy Letters</i> , 2020, 5, 2698-2705.	8.8	92
190	Single-crystalline ZnTe nanowires for application as high-performance Green/Ultraviolet photodetector. <i>Optics Express</i> , 2011, 19, 6100.	1.7	91
191	Highly Efficient Deep-Blue Electroluminescence from a Charge-Transfer Emitter with Stable Donor Skeleton. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 7331-7338.	4.0	91
192	Water-Soluble Organic Nanoparticles with Programable Intermolecular Charge Transfer for NIR-II Photothermal Anti-Bacterial Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11758-11762.	7.2	91
193	Synthesis, Crystal Structures, and Photophysical Properties of Triphenylamine-Based Multicyano Derivatives. <i>Journal of Organic Chemistry</i> , 2010, 75, 7273-7278.	1.7	90
194	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.	3.2	90
195	A simple theory for the development of inhomogeneous rolling textures. <i>Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science</i> , 1991, 22, 2637-2643.	1.4	89
196	Reduced Graphene Oxide/Marcasite-Type Cobalt Selenide Nanocrystals as an Anode for Lithium-Ion Batteries with Excellent Cyclic Performance. <i>ChemElectroChem</i> , 2015, 2, 1682-1686.	1.7	89
197	High Performance Exciplex-Based Fluorescence-Phosphorescence White Organic Light-Emitting Device with Highly Simplified Structure. <i>Chemistry of Materials</i> , 2015, 27, 5206-5211.	3.2	89
198	A New Family of Isophorone-Based Dopants for Red Organic Electroluminescent Devices. <i>Chemistry of Materials</i> , 2003, 15, 1486-1490.	3.2	88

#	ARTICLE	IF	CITATIONS
199	Dynamic-coarsening behavior of an \hat{I}/\hat{I}^2 titanium alloy. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2006, 37, 1125-1136.	1.1	88
200	Control of Dual Conformations: Developing Thermally Activated Delayed Fluorescence Emitters for Highly Efficient Single-Emitter White Organic Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2018, 10, 31515-31525.	4.0	88
201	Surface-Engineered Black Niobium Oxide@Graphene Nanosheets for High-Performance Sodium/Potassium-Ion Full Batteries. Small, 2019, 15, e1901272.	5.2	88
202	A broadband aggregation-independent plasmonic absorber for highly efficient solar steam generation. Journal of Materials Chemistry A, 2020, 8, 10742-10746.	5.2	88
203	Preparation of Au@Pd Core-Shell Nanorods with $\langle i \rangle fcc \langle /i \rangle$ -2H- $\langle i \rangle fcc \langle /i \rangle$ Heterophase for Highly Efficient Electrocatalytic Alcohol Oxidation. Journal of the American Chemical Society, 2022, 144, 547-555.	6.6	88
204	High $\langle i \rangle T \langle /i \rangle \langle sub \rangle g \langle /sub \rangle$ Triphenylamine-Based Starburst Hole-Transporting Material for Organic Light-Emitting Devices. Chemistry of Materials, 2007, 19, 5851-5855.	3.2	87
205	Bulk-quantity Si nanowires synthesized by SiO sublimation. Journal of Crystal Growth, 2000, 212, 115-118.	0.7	86
206	Effective organic-based connection unit for stacked organic light-emitting devices. Applied Physics Letters, 2006, 89, 133511.	1.5	86
207	Low-Temperature Synthesis of CuInSe_2 Nanotube Array on Conducting Glass Substrates for Solar Cell Application. ACS Nano, 2010, 4, 6064-6070.	7.3	86
208	Staggered Face-to-Face Molecular Stacking as a Strategy for Designing Deep-Blue Electroluminescent Materials with High Carrier Mobility. Advanced Optical Materials, 2014, 2, 626-631.	3.6	86
209	Electronic Structures and Photoconversion Mechanism in Perovskite/Fullerene Heterojunctions. Advanced Functional Materials, 2015, 25, 1213-1218.	7.8	86
210	Sputter deposition of cathodes in organic light emitting diodes. Journal of Applied Physics, 1999, 86, 4607-4612.	1.1	85
211	Two-dimensional MXene-based materials for photothermal therapy. Nanophotonics, 2020, 9, 2233-2249.	2.9	85
212	Oxide-assisted growth and optical characterization of gallium-arsenide nanowires. Applied Physics Letters, 2001, 78, 3304-3306.	1.5	84
213	Thermally Stable Hole-Transporting Material for Organic Light-Emitting Diode: an Isoindole Derivative. Chemistry of Materials, 2003, 15, 3148-3151.	3.2	84
214	Vertical nanostructure arrays by plasma etching for applications in biology, energy, and electronics. Nano Today, 2013, 8, 265-289.	6.2	84
215	Novel Bipolar Phenanthroimidazole Derivative Design for a Nondoped Deep-Blue Emitter with High Singlet Exciton Yields. Advanced Optical Materials, 2015, 3, 1215-1219.	3.6	84
216	Organic Semiconducting Macromolecular Dyes for NIR-Photoacoustic Imaging and Photothermal Therapy. Advanced Functional Materials, 2021, 31, 2104650.	7.8	84

#	ARTICLE	IF	CITATIONS
217	Mainstream Optimization Strategies for Cathode Materials of Sodium-Ion Batteries. <i>Small Structures</i> , 2022, 3, .	6.9	84
218	Ion-beam-induced surface damages on tris-(8-hydroxyquinoline) aluminum. <i>Applied Physics Letters</i> , 1999, 75, 1619-1621.	1.5	83
219	Blue and white organic electroluminescent devices based on 9,10-bis(2-naphthyl)anthracene. <i>Chemical Physics Letters</i> , 2003, 369, 478-482.	1.2	83
220	Synthesis of Honeycomb-like Mesoporous Pyrite FeS ₂ Microspheres as Efficient Counter Electrode in Quantum Dots Sensitized Solar Cells. <i>Small</i> , 2014, 10, 4754-4759.	5.2	83
221	A Biocompatible Free Radical Nanogenerator with Real-time Monitoring Capability for High Performance Sequential Hypoxic Tumor Therapy. <i>Advanced Functional Materials</i> , 2019, 29, 1903436.	7.8	83
222	Dendritic Heterojunction Nanowire Arrays for High-Performance Supercapacitors. <i>Scientific Reports</i> , 2015, 5, 7862.	1.6	82
223	Preparation and Size Control of Sub-100 nm Pure Nanodrugs. <i>Nano Letters</i> , 2015, 15, 313-318.	4.5	82
224	Solution-Processed Donor-Acceptor Polymer Nanowire Network Semiconductors For High-Performance Field-Effect Transistors. <i>Scientific Reports</i> , 2016, 6, 24476.	1.6	82
225	Confined Growth of Silver-Copper Janus Nanostructures with {100} Facets for Highly Selective Tandem Electrocatalytic Carbon Dioxide Reduction. <i>Advanced Materials</i> , 2022, 34, e2110607.	11.1	82
226	Improved efficiency by a graded emissive region in organic light-emitting diodes. <i>Applied Physics Letters</i> , 2002, 80, 3641-3643.	1.5	81
227	Transient electroluminescence measurements on electron-mobility of N-arylbenzimidazoles. <i>Chemical Physics Letters</i> , 2001, 334, 61-64.	1.2	80
228	Molecular modification on bisphenanthroimidazole derivative for deep-blue organic electroluminescent material with ambipolar property and high performance. <i>Organic Electronics</i> , 2015, 17, 159-166.	1.4	80
229	Synthesis and microstructure of gallium phosphide nanowires. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2001, 19, 1115.	1.6	79
230	Influences of Connecting Unit Architecture on the Performance of Tandem Organic Light-Emitting Devices. <i>Advanced Functional Materials</i> , 2007, 17, 2509-2514.	7.8	79
231	A recyclable carbon nanoparticle-based fluorescent probe for highly selective and sensitive detection of mercapto biomolecules. <i>Journal of Materials Chemistry B</i> , 2015, 3, 127-134.	2.9	79
232	Enhanced Light Harvesting in Perovskite Solar Cells by a Bioinspired Nanostructured Back Electrode. <i>Advanced Energy Materials</i> , 2017, 7, 1700492.	10.2	79
233	Single crystalline wurtzite ZnO/zinc blende ZnS coaxial heterojunctions and hollow zinc blende ZnS nanotubes: synthesis, structural characterization and optical properties. <i>Nanoscale</i> , 2014, 6, 8787-8795.	2.8	78
234	Outcoupling-Enhanced Flexible Organic Light-Emitting Diodes on Ameliorated Plastic Substrate with Built-in Indium-Tin-Oxide-Free Transparent Electrode. <i>ACS Nano</i> , 2015, 9, 7553-7562.	7.3	78

#	ARTICLE	IF	CITATIONS
235	Degradable Hollow Mesoporous Silicon/Carbon Nanoparticles for Photoacoustic Imaging-Guided Highly Effective Chemo-Thermal Tumor Therapy <i>in Vitro</i> and <i>in Vivo</i> . <i>Theranostics</i> , 2017, 7, 3007-3020.	4.6	78
236	Electronic structure and energy band gap of poly (9,9-dioctylfluorene) investigated by photoelectron spectroscopy. <i>Applied Physics Letters</i> , 2000, 76, 3582-3584.	1.5	77
237	P2-Type Na _x Cu _{0.15} Ni _{0.20} Mn _{0.65} O ₂ Cathodes with High Voltage for High-Power and Long-Life Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 31661-31668.	4.0	77
238	Visualizing the Initial Step of Self-Assembly and the Phase Transition by Stereogenic Amphiphiles with Aggregation-Induced Emission. <i>ACS Nano</i> , 2019, 13, 839-846.	7.3	77
239	Scanning tunneling microscopic study of boron-doped silicon nanowires. <i>Applied Physics Letters</i> , 2001, 79, 2468-2470.	1.5	76
240	The Nanoassembly of an Intrinsically Cytotoxic Near-Infrared Dye for Multifunctionally Synergistic Theranostics. <i>Small</i> , 2019, 15, e1903121.	5.2	76
241	Distinct electroluminescent properties of triphenylamine derivatives in blue organic light-emitting devices. <i>Journal of Materials Chemistry</i> , 2011, 21, 1206-1211.	6.7	75
242	Functional Pyrimidine-Based Thermally Activated Delay Fluorescence Emitters: Photophysics, Mechanochromism, and Fabrication of Organic Light-Emitting Diodes. <i>Chemistry - A European Journal</i> , 2017, 23, 2858-2866.	1.7	75
243	Air-processed mixed-cation Cs _{0.15} FA _{0.85} PbI ₃ planar perovskite solar cells derived from a PbI ₂ -CsI intermediate complex. <i>Journal of Materials Chemistry A</i> , 2018, 6, 7731-7740.	5.2	75
244	Bis-Tridentate Iridium(III) Phosphors with Very High Photostability and Fabrication of Blue-Emitting OLEDs. <i>Advanced Science</i> , 2018, 5, 1800846.	5.6	75
245	Copper hexadecafluorophthalocyanine and copper phthalocyanine as a pure organic connecting unit in blue tandem organic light-emitting devices. <i>Journal of Applied Physics</i> , 2007, 101, 014509.	1.1	74
246	Applications of silicon nanowires functionalized with palladium nanoparticles in hydrogen sensors. <i>Nanotechnology</i> , 2007, 18, 345502.	1.3	74
247	Molecule-substrate interaction channels of metal-phthalocyanines on graphene on Ni(111) surface. <i>Journal of Chemical Physics</i> , 2011, 134, 094705.	1.2	74
248	Ultrabright and ultrastable near-infrared dye nanoparticles for <i>in vitro</i> and <i>in vivo</i> bioimaging. <i>Biomaterials</i> , 2012, 33, 7803-7809.	5.7	74
249	Transparent conducting aluminum-doped zinc oxide thin film prepared by sol-gel process followed by laser irradiation treatment. <i>Thin Solid Films</i> , 2008, 517, 891-895.	0.8	73
250	Preparation of porous ZnO/ZnFe ₂ O ₄ composite from metal organic frameworks and its applications for lithium ion batteries. <i>Chemical Engineering Journal</i> , 2017, 308, 340-346.	6.6	73
251	Intrinsically Cancer-Mitochondria-Targeted Thermally Activated Delayed Fluorescence Nanoparticles for Two-Photon-Activated Fluorescence Imaging and Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 41051-41061.	4.0	73
252	Control of growth orientation of GaN nanowires. <i>Chemical Physics Letters</i> , 2002, 359, 241-245.	1.2	72

#	ARTICLE	IF	CITATIONS
253	Study of tribological performance of ECR-CVD diamond-like carbon coatings on steel substrates. <i>Wear</i> , 2005, 258, 1589-1599.	1.5	72
254	Limits of open circuit voltage in organic photovoltaic devices. <i>Applied Physics Letters</i> , 2010, 96, .	1.5	72
255	Tunable Electrical Properties of Silicon Nanowires via Surface-Ambient Chemistry. <i>ACS Nano</i> , 2010, 4, 3045-3052.	7.3	72
256	Composition and Interface Engineering of Alloyed MoS ₂ /xSe ₂ Nanotubes for Enhanced Hydrogen Evolution Reaction Activity. <i>Small</i> , 2016, 12, 4379-4385.	5.2	72
257	Reduction of molecular aggregation and its application to the high-performance blue perylene-doped organic electroluminescent device. <i>Applied Physics Letters</i> , 1999, 75, 4055-4057.	1.5	71
258	Single-Crystal 9,10-Diphenylanthracene Nanoribbons and Nanorods. <i>Chemistry of Materials</i> , 2008, 20, 6945-6950.	3.2	71
259	ZnS/ZnO Heterojunction Nanoribbons. <i>Advanced Materials</i> , 2009, 21, 2393-2396.	11.1	71
260	Biocompatible semiconducting polymer nanoparticles as robust photoacoustic and photothermal agents revealing the effects of chemical structure on high photothermal conversion efficiency. <i>Biomaterials</i> , 2018, 181, 92-102.	5.7	71
261	Near-infrared small molecule coupled with rigidity and flexibility for high-performance multimodal imaging-guided photodynamic and photothermal synergistic therapy. <i>Nanoscale Horizons</i> , 2021, 6, 177-185.	4.1	71
262	Germanium dioxide whiskers synthesized by laser ablation. <i>Applied Physics Letters</i> , 1999, 74, 3824-3826.	1.5	70
263	Synthesis, photoluminescence and electroluminescence of new 1H-pyrazolo[3,4-b]quinoxaline derivatives. <i>Journal of Materials Chemistry</i> , 2003, 13, 1894.	6.7	70
264	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.	7.2	70
265	Micro- and Nanotechnologies for Intracellular Delivery. <i>Small</i> , 2014, 10, 4487-4504.	5.2	70
266	Porous tremella-like MoS ₂ /polyaniline hybrid composite with enhanced performance for lithium-ion battery anodes. <i>Electrochimica Acta</i> , 2015, 167, 132-138.	2.6	70
267	Improved Time-of-Flight Technique for Measuring Carrier Mobility in Thin Films of Organic Electroluminescent Materials. <i>Japanese Journal of Applied Physics</i> , 2000, 39, 1190-1192.	0.8	69
268	Efficient CsF/Yb/Ag cathodes for organic light-emitting devices. <i>Applied Physics Letters</i> , 2003, 82, 1784-1786.	1.5	69
269	Aromatically C6- and C9-Substituted Phenanthro[9,10-d]imidazole Blue Fluorophores: Structure-Property Relationship and Electroluminescent Application. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 26268-26278.	4.0	69
270	Smallest diameter carbon nanotubes. <i>Applied Physics Letters</i> , 2000, 77, 2831-2833.	1.5	68

#	ARTICLE	IF	CITATIONS
271	Boron nanowires synthesized by laser ablation at high temperature. <i>Chemical Physics Letters</i> , 2003, 370, 825-828.	1.2	68
272	Facile One-Step Fabrication of Ordered Organic Nanowire Films. <i>Advanced Materials</i> , 2009, 21, 4172-4175.	11.1	68
273	High-Efficiency Nondoped Deep-Blue-Emitting Organic Electroluminescent Device. <i>Chemistry of Materials</i> , 2010, 22, 2138-2141.	3.2	68
274	Identification of Multifunctional Graphene-Gold Nanocomposite for Environment-Friendly Enriching, Separating, and Detecting Hg ²⁺ Simultaneously. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 22761-22768.	4.0	68
275	Lithium ion battery application of porous composite oxide microcubes prepared via metal-organic frameworks. <i>Journal of Power Sources</i> , 2015, 284, 109-114.	4.0	68
276	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.	4.0	68
277	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.	2.2	68
278	High-Performance Blue OLEDs Based on Phenanthroimidazole Emitters via Substitutions at the C6- and C9-Positions for Improving Exciton Utilization. <i>Chemistry - A European Journal</i> , 2016, 22, 12130-12137.	1.7	68
279	Rare earth-free composites of carbon dots/metal-organic frameworks as white light emitting phosphors. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2207-2211.	2.7	68
280	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.	3.2	67
281	Synthesis and characterization of amorphous carbon nanowires. <i>Applied Physics Letters</i> , 1999, 75, 2921-2923.	1.5	66
282	Mesoporous Nanosheet Networked Hybrids of Cobalt Oxide and Cobalt Phosphate for Efficient Electrochemical and Photoelectrochemical Oxygen Evolution. <i>Small</i> , 2017, 13, 1701875.	5.2	66
283	Suppressing Ion Migration across Perovskite Grain Boundaries by Polymer Additives. <i>Advanced Functional Materials</i> , 2021, 31, 2006802.	7.8	66
284	Co-assembled Monolayers as Hole-Selective Contact for High-Performance Inverted Perovskite Solar Cells with Optimized Recombination Loss and Long-Term Stability. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	66
285	Applications of Ytterbium in organic light-emitting devices as high performance and transparent electrodes. <i>Chemical Physics Letters</i> , 2002, 366, 128-133.	1.2	65
286	CdS/CdSe Double-Sensitized ZnO Nanocable Arrays Synthesized by Chemical Solution Method and Their Photovoltaic Applications. <i>Journal of Physical Chemistry C</i> , 2012, 116, 2656-2661.	1.5	65
287	Enhanced Tolerance to Stretch-Induced Performance Degradation of Stretchable MnO ₂ -Based Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 2569-2574.	4.0	65
288	Fabrication and Field Emission of High-Density Silicon Cone Arrays. <i>Advanced Materials</i> , 2002, 14, 1308-1311.	11.1	64

#	ARTICLE	IF	CITATIONS
289	Highly Efficient Blue Organic Light-Emitting Device Based on a Nondoped Electroluminescent Material. <i>Chemistry of Materials</i> , 2008, 20, 6310-6312.	3.2	64
290	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.	4.0	64
291	Manipulating Crystallization Kinetics in High-Performance Blade-Coated Perovskite Solar Cells via Cosolvent-Assisted Phase Transition. <i>Advanced Materials</i> , 2022, 34, e2200276.	11.1	64
292	Straight β -SiC nanorods synthesized by using Ca-Si-SiO ₂ . <i>Applied Physics Letters</i> , 2000, 76, 294-296.	1.5	63
293	A Simple Design for Strongly Emissive Sky-Blue Phosphorescent Neutral Rhenium Complexes: Synthesis, Photophysics, and Electroluminescent Devices. <i>Chemistry of Materials</i> , 2014, 26, 2544-2550.	3.2	63
294	<i>In situ</i> nitridated porous nanosheet networked Co ₃ O ₄ -Co ₄ N heteronanostructures supported on hydrophilic carbon cloth for highly efficient electrochemical hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2019, 7, 775-782.	5.2	63
295	Dart-Shaped Tricrystal ZnS Nanoribbons. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2568-2571.	7.2	62
296	Facile solution growth of vertically aligned ZnO nanorods sensitized with aqueous CdS and CdSe quantum dots for photovoltaic applications. <i>Nanoscale Research Letters</i> , 2011, 6, 340.	3.1	61
297	Synthesis of In ₂ O ₃ -In ₂ S ₃ core-shell nanorods with inverted type-I structure for photocatalytic H ₂ generation. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 12688.	1.3	61
298	A double-crosslinked self-healing antibacterial hydrogel with enhanced mechanical performance for wound treatment. <i>Acta Biomaterialia</i> , 2021, 124, 139-152.	4.1	61
299	Near-Infrared Thermally Activated Delayed Fluorescence Nanoparticle: A Metal-Free Photosensitizer for Two-Photon-Activated Photodynamic Therapy at the Cell and Small Animal Levels. <i>Small</i> , 2022, 18, e2106215.	5.2	61
300	Characterization and optical investigation of BCN film deposited by RF magnetron sputtering. <i>Thin Solid Films</i> , 2001, 389, 194-199.	0.8	60
301	Synthesis of Multiaryl-Substituted Pyridine Derivatives and Applications in Non-doped Deep-Blue OLEDs as Electron-Transporting Layer with High Hole-Blocking Ability. <i>Advanced Materials</i> , 2010, 22, 527-530.	11.1	60
302	High speed responsive near infrared photodetector focusing on 808nm radiation using hexadecafluoro-copper-phthalocyanine as the acceptor. <i>Organic Electronics</i> , 2011, 12, 34-38.	1.4	60
303	In-situ assembly of three-dimensional MoS ₂ nanoleaves/carbon nanofiber composites derived from bacterial cellulose as flexible and binder-free anodes for enhanced lithium-ion batteries. <i>Electrochimica Acta</i> , 2016, 211, 404-410.	2.6	60
304	High-Performance Nondoped Blue Delayed Fluorescence Organic Light-Emitting Diodes Featuring Low Driving Voltage and High Brightness. <i>Advanced Science</i> , 2020, 7, 1902508.	5.6	60
305	Different Strategies for Organic Nanoparticle Preparation in Biomedicine. , 2020, 2, 531-549.		60
306	Highly efficient and stable photoluminescence from silicon nanowires coated with SiC. <i>Chemical Physics Letters</i> , 2000, 332, 215-218.	1.2	59

#	ARTICLE	IF	CITATIONS
307	Amorphous carbon nanowires investigated by near-edge-x-ray-absorption-fine-structures. Applied Physics Letters, 2001, 79, 3773-3775.	1.5	59
308	Near-edge X-ray absorption fine structure study of helicity and defects in carbon nanotubes. Chemical Physics Letters, 2002, 366, 636-641.	1.2	59
309	Improved performance and stability of organic light-emitting devices with silicon oxy-nitride buffer layer. Applied Physics Letters, 2003, 83, 1038-1040.	1.5	59
310	Application of metal-doped organic layer both as exciton blocker and optical spacer for organic photovoltaic devices. Applied Physics Letters, 2006, 89, 163515.	1.5	59
311	Facile fabrication and electrochemical properties of high-quality reduced graphene oxide/cobalt sulfide composite as anode material for lithium-ion batteries. RSC Advances, 2014, 4, 37180-37186.	1.7	59
312	Deep-Red/Near-Infrared Electroluminescence from Single-Component Charge-Transfer Complex via Thermally Activated Delayed Fluorescence Channel. Advanced Functional Materials, 2019, 29, 1903112.	7.8	59
313	Bipolar Blue Host Emitter with Unity Quantum Yield Allows Full Exciton Radiation in Single-Emissive-Layer Hybrid White Organic Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2019, 11, 11691-11698.	4.0	59
314	Tailored Redox Kinetics, Electronic Structures and Electrode/Electrolyte Interfaces for Fast and High Energy-Density Potassium-Organic Battery. Advanced Functional Materials, 2020, 30, 1907656.	7.8	59
315	Modulation of Solid-State Aggregation of Square-Planar Pt(II) Based Emitters: Enabling Highly Efficient Deep-Red/Near Infrared Electroluminescence. Advanced Functional Materials, 2020, 30, 2002494.	7.8	59
316	2D materials for conducting holes from grain boundaries in perovskite solar cells. Light: Science and Applications, 2021, 10, 68.	7.7	59
317	<i>de novo</i> design of D ^π A molecules as universal hosts for monochrome and white phosphorescent organic light-emitting diodes. Chemical Science, 2018, 9, 4062-4070.	3.7	58
318	Interfacial electronic structures in an organic double-heterostructure photovoltaic cell. Applied Physics Letters, 2008, 93, 043512.	1.5	57
319	Tuning electrical properties of phenanthroimidazole derivatives to construct multifunctional deep-blue electroluminescent materials. Journal of Materials Chemistry C, 2018, 6, 3584-3592.	2.7	57
320	Efficient Orange-Red Thermally Activated Delayed Fluorescence Emitters Feasible for Both Thermal Evaporation and Solution Process. ACS Applied Materials & Interfaces, 2019, 11, 29086-29093.	4.0	57
321	Boosting Efficiency of Near-Infrared Organic Light-Emitting Diodes with Os(II)-Based Pyrazinyl Azolate Emitters. Advanced Functional Materials, 2020, 30, 1906738.	7.8	57
322	Highly Efficient Near-Infrared Electroluminescence up to 800 nm Using Platinum(II) Phosphors. Advanced Functional Materials, 2020, 30, 2002173.	7.8	57
323	Gallium nitride nanowires doped with silicon. Applied Physics Letters, 2003, 83, 4241-4243.	1.5	56
324	Sensing of Bacterial Endotoxin in Aqueous Solution by Supramolecular Assembly of Pyrene Derivative. Organic Letters, 2010, 12, 4014-4017.	2.4	56

#	ARTICLE	IF	CITATIONS
325	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.	4.0	56
326	Electrochemical Energy Storage Application and Degradation Analysis of Carbon-Coated Hierarchical NiCo ₂ S ₄ Core-Shell Nanowire Arrays Grown Directly on Graphene/Nickel Foam. <i>Scientific Reports</i> , 2016, 6, 20264.	1.6	56
327	Rational Design Strategy of Novel Energy Storage Systems: Toward High-Performance Rechargeable Magnesium Batteries. <i>Small</i> , 2022, 18, e2200418.	5.2	56
328	Photoluminescence and electroluminescence of pyrazoline monomers and dimers. <i>Chemical Physics Letters</i> , 2000, 320, 77-80.	1.2	55
329	Improvement of efficiency and colour purity of red-dopant organic light-emitting diodes by energy levels matching with the host materials. <i>Journal Physics D: Applied Physics</i> , 2001, 34, 30-35.	1.3	55
330	Templating Effect of Hydrogen-Passivated Silicon Nanowires in the Production of Hydrocarbon Nanotubes and Nanooxions via Sonochemical Reactions with Common Organic Solvents under Ambient Conditions. <i>Journal of the American Chemical Society</i> , 2002, 124, 14856-14857.	6.6	55
331	Synthesis of Homogeneously Alloyed Cu ₂ (S _x Se _{1-x}) Nanowire Bundles with Tunable Compositions and Bandgaps. <i>Advanced Functional Materials</i> , 2010, 20, 4190-4195.	7.8	55
332	Near-infrared fluorescence imaging using organic dye nanoparticles. <i>Biomaterials</i> , 2014, 35, 3356-3364.	5.7	55
333	Charge-Transfer Complexes and Their Role in Exciplex Emission and Near-Infrared Photovoltaics. <i>Advanced Materials</i> , 2014, 26, 5569-5574.	11.1	55
334	Nanostructured porous manganese carbonate spheres with capacitive effects on the high lithium storage capability. <i>Nanoscale</i> , 2015, 7, 10146-10151.	2.8	55
335	The detrimental effect of excess mobile ions in planar CH ₃ NH ₃ PbI ₃ perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 12748-12755.	5.2	55
336	Electrocatalysts: Nickel–Cobalt Diselenide 3D Mesoporous Nanosheet Networks Supported on Ni Foam: An All-pH Highly Efficient Integrated Electrocatalyst for Hydrogen Evolution (Adv. Mater.)	11.0	55
337	Extremely Efficient Transparent Flexible Organic Light-Emitting Diodes with Nanostructured Composite Electrodes. <i>Advanced Optical Materials</i> , 2018, 6, 1800831.	3.6	55
338	Biodegradable Natural Product-Based Nanoparticles for Near-Infrared Fluorescence Imaging-Guided Sonodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 18178-18185.	4.0	55
339	Nanostructured and Boron-Doped Diamond as an Electrocatalyst for Nitrogen Fixation. <i>ACS Energy Letters</i> , 2020, 5, 2590-2596.	8.8	55
340	Top-emitting thermally activated delayed fluorescence organic light-emitting devices with weak light-matter coupling. <i>Light: Science and Applications</i> , 2021, 10, 116.	7.7	55
341	Very Low-Field Emission from Aligned and Opened Carbon Nanotube Arrays. <i>Journal of Physical Chemistry B</i> , 2001, 105, 1519-1522.	1.2	54
342	High-efficiency nondoped white organic light-emitting devices. <i>Applied Physics Letters</i> , 2007, 91, 023503.	1.5	54

#	ARTICLE	IF	CITATIONS
343	High response organic ultraviolet photodetector based on blend of 4,4'-di(2-methylphenyl)quaterphenyl and 2,2',2'',2'''-tetraphenylsilole. <i>Journal of Materials Chemistry C</i> , 2010, 18, 10330-10339.	1.5	54
344	Interface studies of intermediate connectors and their roles in tandem OLEDs. <i>Journal of Materials Chemistry</i> , 2010, 20, 2539-2548.	6.7	54
345	Improvement of Charge Collection and Performance Reproducibility in Inverted Organic Solar Cells by Suppression of ZnO Subgap States. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 14717-14724.	4.0	54
346	High performance low-dimensional perovskite solar cells based on a one dimensional lead iodide perovskite. <i>Journal of Materials Chemistry A</i> , 2019, 7, 8811-8817.	5.2	54
347	Manipulating exciton dynamics of thermally activated delayed fluorescence materials for tuning two-photon nanotheranostics. <i>Chemical Science</i> , 2020, 11, 888-895.	3.7	54
348	The Development of Phenanthroimidazole Derivatives in Blue-Emitting Organic Electroluminescence. <i>Science of Advanced Materials</i> , 2015, 7, 2193-2205.	0.1	54
349	Organic electroluminescent devices by high-temperature processing and crystalline hole transporting layer. <i>Applied Physics Letters</i> , 1999, 74, 3269-3271.	1.5	53
350	Impact of the metal cathode and CsF buffer layer on the performance of organic light-emitting devices. <i>Journal of Applied Physics</i> , 2004, 95, 5397-5402.	1.1	53
351	Orderly Growth of Copper Phthalocyanine on Highly Oriented Pyrolytic Graphite (HOPG) at High Substrate Temperatures. <i>Journal of Physical Chemistry B</i> , 2004, 108, 1529-1532.	1.2	53
352	Synthesis of Hierarchical Porous ZnO Disklike Nanostructures for Improved Photovoltaic Properties of Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2010, 114, 13157-13161.	1.5	53
353	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.	11.1	53
354	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.	4.0	53
355	A Calcium Ion Electrochromic Battery via a Water-in-Salt Electrolyte. <i>Advanced Functional Materials</i> , 2021, 31, 2104639.	7.8	53
356	Growth and emission properties of β -SiC nanorods. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2000, 286, 119-124.	2.6	52
357	Temperature-Dependent Growth of Germanium Oxide and Silicon Oxide Based Nanostructures, Aligned Silicon Oxide Nanowire Assemblies, and Silicon Oxide Microtubes. <i>Small</i> , 2005, 1, 429-438.	5.2	52
358	Magnetophotoluminescence properties of Co-doped ZnO nanorods. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	52
359	High response deep ultraviolet organic photodetector with spectrum peak focused on 280 nm. <i>Applied Physics Letters</i> , 2010, 96, 093302.	1.5	52
360	Controllable Fabrication of Three-Dimensional Radial ZnO Nanowire/Silicon Microrod Hybrid Architectures. <i>Crystal Growth and Design</i> , 2011, 11, 147-153.	1.4	52

#	ARTICLE	IF	CITATIONS
361	Potassium Dual-Ion Hybrid Batteries with Ultrahigh Rate Performance and Excellent Cycling Stability. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 42294-42300.	4.0	52
362	Bismuth nanorod networks confined in a robust carbon matrix as long-cycling and high-rate potassium-ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 8440-8446.	5.2	52
363	A Novel Yellow Fluorescent Dopant for High-Performance Organic Electroluminescent Devices. <i>Chemistry of Materials</i> , 2001, 13, 456-458.	3.2	51
364	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.	1.5	51
365	Hydrogen bond-modulated molecular packing and its applications in high-performance non-doped organic electroluminescence. <i>Materials Horizons</i> , 2020, 7, 2734-2740.	6.4	51
366	3D Ag@C Cloth for Stable Anode Free Sodium Metal Batteries. <i>Small Methods</i> , 2021, 5, e2001050.	4.6	51
367	Controllable Synthesis of Vertically Aligned p-type GaN Nanorod Arrays on n-type Si Substrates for Heterojunction Diodes. <i>Advanced Functional Materials</i> , 2008, 18, 3515-3522.	7.8	50
368	Facile synthesis of laminate-structured graphene sheet-Fe ₃ O ₄ nanocomposites with superior high reversible specific capacity and cyclic stability for lithium-ion batteries. <i>RSC Advances</i> , 2012, 2, 10680.	1.7	50
369	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.	2.2	50
370	Spectroscopic study on the impact of methylammonium iodide loading time on the electronic properties in perovskite thin films. <i>Journal of Materials Chemistry A</i> , 2016, 4, 561-567.	5.2	50
371	Acene-based organic semiconductors for organic light-emitting diodes and perovskite solar cells. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9017-9029.	2.7	50
372	Nitrogen-Doped Graphene-Encapsulated Nickel-Copper Alloy Nanoflower for Highly Efficient Electrochemical Hydrogen Evolution Reaction. <i>Small</i> , 2019, 15, e1901545.	5.2	50
373	A Novel Wide-Bandgap Polymer with Deep Ionization Potential Enables Exceeding 16% Efficiency in Ternary Nonfullerene Polymer Solar Cells. <i>Advanced Functional Materials</i> , 2020, 30, 1910466.	7.8	50
374	Morphology and growth mechanism study of self-assembled silicon nanowires synthesized by thermal evaporation. <i>Chemical Physics Letters</i> , 2001, 337, 18-24.	1.2	49
375	Bulk-quantity Si nanosphere chains prepared from semi-infinite length Si nanowires. <i>Journal of Applied Physics</i> , 2001, 89, 727-731.	1.1	49
376	Substrate effects on the electronic properties of an organic/organic heterojunction. <i>Applied Physics Letters</i> , 2006, 88, 232103.	1.5	49
377	Continuous near-infrared-to-ultraviolet lasing from II-VI nanoribbons. <i>Applied Physics Letters</i> , 2007, 90, 213114.	1.5	49
378	Highly stable organic fluorescent nanorods for living-cell imaging. <i>Nano Research</i> , 2015, 8, 2380-2389.	5.8	49

#	ARTICLE	IF	CITATIONS
379	Manipulation of Molecular Aggregation States to Realize Polymorphism, AIE, MCL, and TADF in a Single Molecule. <i>Angewandte Chemie</i> , 2018, 130, 12653-12657.	1.6	49
380	Oxygen/nitrogen-related surface states controlled carbon nanodots with tunable full-color luminescence: Mechanism and bio-imaging. <i>Carbon</i> , 2020, 160, 298-306.	5.4	49
381	The influence of boron doping on the structure and characteristics of diamond thin films. <i>Diamond and Related Materials</i> , 1997, 6, 521-525.	1.8	48
382	Efficient white organic light-emitting devices based on phosphorescent iridium complexes. <i>Organic Electronics</i> , 2010, 11, 1511-1515.	1.4	48
383	Nanoparticles Encapsulated in Porous Carbon Matrix Coated on Carbon Fibers: An Ultrastable Cathode for Li-ion Batteries. <i>Advanced Energy Materials</i> , 2017, 7, 1601363.	10.2	48
384	Recent progress and strategies to develop antimicrobial contact lenses and lens cases for different types of microbial keratitis. <i>Acta Biomaterialia</i> , 2020, 113, 101-118.	4.1	48
385	Stable $\dot{\text{C}}$ -radical nanoparticles as versatile photosensitizers for effective hypoxia-overcoming photodynamic therapy. <i>Materials Horizons</i> , 2021, 8, 571-576.	6.4	48
386	An aqueous aluminum-ion electrochromic full battery with water-in-salt electrolyte for high-energy density. <i>Energy Storage Materials</i> , 2022, 44, 497-507.	9.5	48
387	Efficiency enhancement and retarded dark-spots growth of organic light-emitting devices by high-temperature processing. <i>Chemical Physics Letters</i> , 2003, 371, 700-706.	1.2	47
388	Ambient effects on fullerene/copper phthalocyanine photovoltaic interface. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	47
389	Tunable p-Type Conductivity and Transport Properties of AlN Nanowires via Mg Doping. <i>ACS Nano</i> , 2011, 5, 3591-3598.	7.3	47
390	Energy-Band Engineering for Tunable Memory Characteristics through Controlled Doping of Reduced Graphene Oxide. <i>ACS Nano</i> , 2014, 8, 1923-1931.	7.3	47
391	Bis-diketopyrrolopyrrole conjugated polymer nanoparticles as photothermic nanoagent for specific and synergistic glioblastoma therapy. <i>Biomaterials</i> , 2019, 216, 119252.	5.7	47
392	Organic Semiconducting Luminophores for Near-Infrared Afterglow, Chemiluminescence, and Bioluminescence Imaging. <i>Advanced Functional Materials</i> , 2021, 31, 2106154.	7.8	47
393	Anchoring Copper Single Atoms on Porous Boron Nitride Nanofiber to Boost Selective Reduction of Nitroaromatics. <i>ACS Nano</i> , 2022, 16, 4152-4161.	7.3	47
394	Bifunctional photovoltaic and electroluminescent devices using a starburst amine as an electron donor and hole-transporting material. <i>Applied Physics Letters</i> , 2002, 81, 2878-2880.	1.5	46
395	Synthesis and characterization of ZnS bicrystal nanoribbons. <i>Applied Physics Letters</i> , 2003, 83, 2244-2246.	1.5	46
396	High-performance, fully transparent, and flexible zinc-doped indium oxide nanowire transistors. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	46

#	ARTICLE	IF	CITATIONS
397	Phase Conversion from Hexagonal Cu ₂ Se to Cubic Cu ₂ S: Composition Variation, Morphology Evolution, Optical Tuning, and Solar Cell Applications. ACS Applied Materials & Interfaces, 2014, 6, 16352-16359.	4.0	46
398	Highly Efficient Sky-Blue Perovskite Light-Emitting Diode Via Suppressing Nonradiative Energy Loss. Chemistry of Materials, 2021, 33, 4154-4162.	3.2	46
399	Recent Advances in Hypoxia-Overcoming Strategy of Aggregation-Induced Emission Photosensitizers for Efficient Photodynamic Therapy. Advanced Healthcare Materials, 2021, 10, e2101607.	3.9	46
400	Deep-Blue OLEDs with Rec.2020 Blue Gamut Compliance and EQE Over 22% Achieved by Conformation Engineering. Advanced Materials, 2022, 34, e2200537.	11.1	46
401	High Open Circuit Voltage Over 1 V Achieved in Tin-Based Perovskite Solar Cells with a 2D/3D Vertical Heterojunction. Advanced Science, 2022, 9, e2200242.	5.6	46
402	Effect of deposition rate on the morphology, chemistry and electroluminescence of tris-(8-hydroxyquinoline) aluminum films. Chemical Physics Letters, 2000, 319, 418-422.	1.2	45
403	Enhanced electroluminescence of europium(III) complex by terbium(III) substitution in organic light emitting diodes. Thin Solid Films, 2000, 363, 208-210.	0.8	45
404	Photoluminescence and photoconductivity properties of copper-doped Cd _{1-x} Zn _x S nanoribbons. Nanotechnology, 2006, 17, 5935-5940.	1.3	45
405	Efficient blue and white organic light-emitting devices based on a single bipolar emitter. Applied Physics Letters, 2007, 91, 013507.	1.5	45
406	Wavelength-tunable lasing in single-crystal CdS _{1-x} Se _x nanoribbons. Nanotechnology, 2007, 18, 365606.	1.3	45
407	Long aliphatic chain coated rare-earth nanocrystal as polymer-based optical waveguide amplifiers. Journal of Materials Chemistry, 2010, 20, 7526.	6.7	45
408	Direct Threat of a UV-Ozone Treated Indium-Tin-Oxide Substrate to the Stabilities of Common Organic Semiconductors. Advanced Functional Materials, 2013, 23, 1718-1723.	7.8	45
409	A meta-molecular tailoring strategy towards an efficient violet-blue organic electroluminescent material. RSC Advances, 2015, 5, 18067-18074.	1.7	45
410	On the Study of Exciton Binding Energy with Direct Charge Generation in Photovoltaic Polymers. Advanced Electronic Materials, 2016, 2, 1600200.	2.6	45
411	Magnetic-field-induced dielectric behaviors and magneto-electrical coupling of multiferroic compounds containing cobalt ferrite/barium calcium titanate composite fibers. Journal of Alloys and Compounds, 2018, 740, 1067-1076.	2.8	45
412	Synthesis, composition, surface roughness and mechanical properties of thin nitrogenated carbon films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1998, 16, 1907-1911.	0.9	44
413	Pyrazoline derivatives for blue color emitter in organic electroluminescent devices. Thin Solid Films, 2000, 371, 40-46.	0.8	44
414	Manipulation of the equilibrium between diamond growth and renucleation to form a nanodiamond/amorphous carbon composite. Applied Physics Letters, 2002, 80, 3307-3309.	1.5	44

#	ARTICLE	IF	CITATIONS
415	Metal Silicide/Silicon Nanowires from Metal Vapor Vacuum Arc Implantation. <i>Advanced Materials</i> , 2002, 14, 218-221.	11.1	44
416	Red electroluminescence and photoluminescence properties of new porphyrin compounds. <i>Chemical Physics Letters</i> , 2003, 382, 561-566.	1.2	44
417	Molecular Programming of NIR-Emissive Semiconducting Small Molecules for In Vivo High-Contrast Bioimaging Beyond 1500nm. <i>Advanced Materials</i> , 2022, 34, e2201263.	11.1	44
418	Ultrafine and uniform silicon nanowires grown with zeolites. <i>Chemical Physics Letters</i> , 2002, 365, 22-26.	1.2	43
419	A dinuclear aluminum 8-hydroxyquinoline complex with high electron mobility for organic light-emitting diodes. <i>Applied Physics Letters</i> , 2003, 82, 1296-1298.	1.5	43
420	Oxide-assisted growth and characterization of Ge/SiO _x nanocables. <i>Applied Physics Letters</i> , 2003, 83, 2241-2243.	1.5	43
421	A triphenylamine derivative as a single-emitting component for highly-efficient white electroluminescent devices. <i>Journal of Materials Chemistry</i> , 2008, 18, 3981.	6.7	43
422	Energy band engineering and controlled p-type conductivity of CuAlO ₂ thin films by nonisovalent Cu-O alloying. <i>Applied Physics Letters</i> , 2012, 100, .	1.5	43
423	Shape-controlled synthesis of organolead halide perovskite nanocrystals and their tunable optical absorption. <i>Materials Research Express</i> , 2014, 1, 015034.	0.8	43
424	Anthracene-based fluorescent emitters toward superior-efficiency nondoped TTA-OLEDs with deep blue emission and low efficiency roll-off. <i>Chemical Engineering Journal</i> , 2021, 421, 127748.	6.6	43
425	Side chain engineering of semiconducting polymers for improved NIR-II fluorescence imaging and photothermal therapy. <i>Chemical Engineering Journal</i> , 2022, 428, 132098.	6.6	43
426	Si nanowires synthesized by laser ablation of mixed SiC and SiO ₂ powders. <i>Chemical Physics Letters</i> , 1999, 314, 16-20.	1.2	42
427	Microstructure and field-emission characteristics of boron-doped Si nanoparticle chains. <i>Applied Physics Letters</i> , 2001, 79, 1673-1675.	1.5	42
428	High-efficiency polymer electrophosphorescent diodes based on an Ir (III) complex. <i>Applied Physics Letters</i> , 2005, 87, 221103.	1.5	42
429	Influence of the donor/acceptor interface on the open-circuit voltage in organic solar cells. <i>Applied Physics Letters</i> , 2009, 95, 093307.	1.5	42
430	Formation and Photoelectric Properties of Periodically Twinned ZnSe/SiO ₂ Nanocables. <i>Journal of Physical Chemistry C</i> , 2009, 113, 834-838.	1.5	42
431	Plasma-assisted growth and nitrogen doping of graphene films. <i>Applied Physics Letters</i> , 2012, 100, .	1.5	42
432	Direct evidence for interaction of magnesium with tris(8-hydroxy-quinoline) aluminum. <i>Applied Physics Letters</i> , 2000, 76, 1422-1424.	1.5	41

#	ARTICLE	IF	CITATIONS
433	Heteroepitaxial nucleation of diamond on Si(100) via double bias-assisted hot filament chemical vapor deposition. <i>Diamond and Related Materials</i> , 2000, 9, 134-139.	1.8	41
434	A new blue-emitting benzothiazole derivative for organic electroluminescent devices. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2001, 85, 182-185.	1.7	41
435	Observation of 1.5 μ m photoluminescence and electroluminescence from a holmium organic complex. <i>Applied Physics Letters</i> , 2004, 84, 5115-5117.	1.5	41
436	Long-lifetime thin-film encapsulated organic light-emitting diodes. <i>Journal of Applied Physics</i> , 2008, 104, 014509.	1.1	41
437	Iridium(III) bis[2-(2-naphthyl)pyridine] (acetylacetonate)-based yellow and white phosphorescent organic light-emitting devices. <i>Journal of Materials Chemistry</i> , 2011, 21, 4983.	6.7	41
438	Polyvinylpyrrolidone-Assisted Ultrasonic Synthesis of SnO Nanosheets and Their Use as Conformal Templates for Tin Dioxide Nanostructures. <i>Langmuir</i> , 2012, 28, 10597-10601.	1.6	41
439	Two-dimensional benzodithiophene and benzothiadiazole based solution-processed small molecular organic field-effect transistors & solar cells. <i>Journal of Materials Chemistry C</i> , 2014, 2, 3921.	2.7	41
440	Hollow nanospheres of loosely packed Si/SiO ₂ nanoparticles encapsulated in carbon shells with enhanced performance as lithium ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2014, 2, 12289-12295.	5.2	41
441	A simple method for phase control in two-dimensional perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18871-18876.	5.2	41
442	Defect engineering of nanostructured electrocatalysts for enhancing nitrogen reduction. <i>Journal of Materials Chemistry A</i> , 2020, 8, 7457-7473.	5.2	41
443	Catalyzed Kinetic Growth in Two-Dimensional MoS ₂ . <i>Journal of the American Chemical Society</i> , 2020, 142, 13130-13135.	6.6	41
444	The electronic structures and properties of Alq ₃ and NPB molecules in organic light emitting devices: Decompositions of density of states. <i>Journal of Chemical Physics</i> , 2000, 112, 8614-8620.	1.2	40
445	p-type conduction in arsenic-doped ZnSe nanowires. <i>Applied Physics Letters</i> , 2009, 95, 033117.	1.5	40
446	A High Performance Nondoped Blue Organic Light-Emitting Device Based on a Diphenylfluoranthene-Substituted Fluorene Derivative. <i>Journal of Physical Chemistry C</i> , 2009, 113, 6227-6230.	1.5	40
447	Facile solution synthesis without surfactant assistant for ultra long Alq ₃ sub-microwires and their enhanced field emission and waveguide properties. <i>Journal of Materials Chemistry</i> , 2010, 20, 3006.	6.7	40
448	Cobalt-nickel based ternary selenides as high-efficiency counter electrode materials for dye-sensitized solar cells. <i>Electrochimica Acta</i> , 2017, 235, 672-679.	2.6	40
449	Red/Near-Infrared Thermally Activated Delayed Fluorescence OLEDs with Near 100% Internal Quantum Efficiency. <i>Angewandte Chemie</i> , 2019, 131, 14802-14807.	1.6	40
450	Near-Infrared Emission Induced by Shortened Pt-Pt Contact: Diplatinum(II) Complexes with Pyridyl Pyrimidinato Cyclometalates. <i>Inorganic Chemistry</i> , 2019, 58, 13892-13901.	1.9	40

#	ARTICLE	IF	CITATIONS
451	Room-temperature multiple ligands-tailored SnO ₂ quantum dots endow in situ dual-interface binding for upscaling efficient perovskite photovoltaics with high VOC. <i>Light: Science and Applications</i> , 2021, 10, 239.	7.7	40
452	Amplifying Free Radical Generation of AIE Photosensitizer with Small Singlet-Triplet Splitting for Hypoxia-Overcoming Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 5112-5121.	4.0	40
453	Synthesis and Nanostructuring of Patterned Wires of $\text{In}^{\pm}\text{-GeO}_2$ by Thermal Oxidation. <i>Advanced Materials</i> , 2002, 14, 1396-1399.	11.1	39
454	Photoluminescence and electroluminescence of a new blue-emitting homoleptic iridium complex. <i>Applied Physics Letters</i> , 2006, 88, 093510.	1.5	39
455	A pyrene-phenanthroimidazole derivative for non-doped blue organic light-emitting devices. <i>Dyes and Pigments</i> , 2013, 98, 190-194.	2.0	39
456	Plasmonic enhanced dye-sensitized solar cells with self-assembly gold-TiO ₂ @core-shell nanoislands. <i>Solar Energy</i> , 2014, 99, 115-125.	2.9	39
457	Solution-processed, indacenodithiophene-based, small-molecule organic field-effect transistors and solar cells. <i>Journal of Materials Chemistry C</i> , 2014, 2, 7523.	2.7	39
458	Decreasing the Overpotential of Aprotic Li ⁺ CO ₂ Batteries with the In-Plane Alloy Structure in Ultrathin 2D Ru ⁺ -Based Nanosheets. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	39
459	Surface reactivity of Si nanowires. <i>Journal of Applied Physics</i> , 2001, 89, 6396-6399.	1.1	38
460	Concentration effect of glycerol on the conductivity of PEDOT film and the device performance. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2003, 104, 26-30.	1.7	38
461	Organic-inorganic heterojunction field-effect transistors. <i>Journal of Applied Physics</i> , 2010, 107, .	1.1	38
462	Defect-engineered vanadium trioxide nanofiber bundle@graphene hybrids for high-performance all-vanadate Na-ion and K-ion full batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 19581-19588.	5.2	38
463	Dual Fenton Catalytic Nanoreactor for Integrative Type-I and Type-II Photodynamic Therapy Against Hypoxic Cancer Cells. <i>ACS Applied Bio Materials</i> , 2019, 2, 3854-3860.	2.3	38
464	<i>In Vivo</i> Real-Time Pharmaceutical Evaluations of Near-Infrared II Fluorescent Nanomedicine Bound Polyethylene Glycol Ligands for Tumor Photothermal Ablation. <i>ACS Nano</i> , 2020, 14, 13681-13690.	7.3	38
465	FA-Assisted Iodide Coordination in Organic-Inorganic Wide-Bandgap Perovskite with Mixed Halides. <i>Small</i> , 2020, 16, e1907226.	5.2	38
466	Marriage of 2D Covalent-Organic Framework and 3D Network as Stable Solar-Thermal Still for Efficient Solar Steam Generation. <i>Small Methods</i> , 2021, 5, e2100036.	4.6	38
467	Interfacial electronic structures of WO ₃ -based intermediate connectors in tandem organic light-emitting diodes. <i>Organic Electronics</i> , 2010, 11, 1578-1583.	1.4	37
468	Simple fabrication of perovskite solar cells using lead acetate as lead source at low temperature. <i>Organic Electronics</i> , 2015, 27, 12-17.	1.4	37

#	ARTICLE	IF	CITATIONS
469	A novel blue fluorophore based on [1,2,4]triazolo[1,5-a]pyridine as an electron acceptor and its application in organic light-emitting diodes. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1071-1079.	3.2	37
470	Revealing the crystallization process and realizing uniform 1.8 eV MA-based wide-bandgap mixed-halide perovskites via solution engineering. <i>Nano Research</i> , 2019, 12, 1033-1039.	5.8	37
471	Green Mass Production of Pure Nanodrugs via an Ice-Template-Assisted Strategy. <i>Nano Letters</i> , 2019, 19, 658-665.	4.5	37
472	Modulating the acceptor structure of dicyanopyridine based TADF emitters: Nearly 30% external quantum efficiency and suppression on efficiency roll-off in OLED. <i>Chemical Engineering Journal</i> , 2020, 401, 126107.	6.6	37
473	A Diradicaloid Small Molecular Nanotheranostic with Strong Near-Infrared Absorbance for Effective Cancer Photoacoustic Imaging and Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 15983-15991.	4.0	37
474	Contact lenses coated with hybrid multifunctional ternary nanocoatings (Phytomolecule-coated ZnO). <i>Biomaterialia</i> , 2021, 128, 262-276.	4.1	37
475	Blue organic electroluminescence of 1,3,5-triaryl-2-pyrazoline. <i>Synthetic Metals</i> , 1999, 105, 141-144.	2.1	36
476	New polycyclic aromatic hydrocarbon dopants for red organic electroluminescent devices. <i>Journal of Materials Chemistry</i> , 2002, 12, 1307-1310.	6.7	36
477	Molecular Orientation and Film Morphology of Pentacene on Native Silicon Oxide Surface. <i>Journal of Physical Chemistry B</i> , 2005, 109, 9892-9896.	1.2	36
478	Efficiency enhancement and voltage reduction in white organic light-emitting devices. <i>Applied Physics Letters</i> , 2007, 90, 203510.	1.5	36
479	Cascade-energy-level alignment based organic photovoltaic cells by utilizing copper phthalocyanine as bipolar carrier transporting layer. <i>Applied Physics Letters</i> , 2009, 94, 143302.	1.5	36
480	Aligned Millineedle Arrays for Solar Power Seawater Desalination with Site-Specific Salt Formation. <i>Small</i> , 2021, 17, e2101487.	5.2	36
481	Direct growth of β -SiC nanowires from SiO _x thin films deposited on Si (100) substrate. <i>Chemical Physics Letters</i> , 2002, 355, 147-150.	1.2	35
482	Electronegativity and charge-injection barrier at organic/metal interfaces. <i>Chemical Physics Letters</i> , 2004, 396, 92-96.	1.2	35
483	High performance small molecule photodetector with broad spectral response range from 200 to 900 nm. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	35
484	High-performance fluorescent/phosphorescent (F/P) hybrid white OLEDs consisting of a yellowish-green phosphorescent emitter. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5907-5913.	2.7	35
485	Direct observation of cation-exchange in liquid-to-solid phase transformation in FA _x MA _{1-x} PbI ₃ based perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9081-9088.	5.2	35
486	Pseudocapacitive Ti-Doped Niobium Pentoxide Nanoflake Structure Design for a Fast Kinetics Anode toward a High-Performance Mg-Ion-Based Dual-Ion Battery. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 47539-47547.	4.0	35

#	ARTICLE	IF	CITATIONS
487	Zwitterionic ultrathin covalent organic polymers for high-performance electrocatalytic carbon dioxide reduction. <i>Applied Catalysis B: Environmental</i> , 2021, 284, 119750.	10.8	35
488	Iron Self-Boosting Polymer Nanoenzyme for Low-Temperature Photothermal-Enhanced Ferrotherapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 30274-30283.	4.0	35
489	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.	7.2	35
490	Organic electroluminescent devices using europium complex as an electron-transport emitting layer. <i>Thin Solid Films</i> , 2000, 359, 14-16.	0.8	34
491	Wear-resistant multilayered diamond-like carbon coating prepared by pulse biased arc ion plating. <i>Diamond and Related Materials</i> , 2001, 10, 1850-1854.	1.8	34
492	Mechanical and tribological properties of diamond-like carbon films prepared on steel by ECR-CVD process. <i>Diamond and Related Materials</i> , 2001, 10, 1855-1861.	1.8	34
493	Anode modification of polyfluorene-based polymer light-emitting devices. <i>Applied Physics Letters</i> , 2002, 81, 1497-1499.	1.5	34
494	Experimental study of a chemical reaction between LiF and Al. <i>Journal of Applied Physics</i> , 2003, 94, 169-173.	1.1	34
495	Non-reflective black cathode in organic light-emitting diode. <i>Thin Solid Films</i> , 2004, 446, 143-146.	0.8	34
496	p-type conduction in nitrogen-doped ZnS nanoribbons. <i>Applied Physics Letters</i> , 2008, 93, 213102.	1.5	34
497	Charge generation layer in stacked organic light-emitting devices. <i>Journal of Applied Physics</i> , 2008, 104, .	1.1	34
498	Fabrication of Architectures with Dual Hollow Structures: Arrays of Cu ₂ O Nanotubes Organized by Hollow Nanospheres. <i>Crystal Growth and Design</i> , 2009, 9, 4524-4528.	1.4	34
499	Water Evaporation Induced Conversion of CuSe Nanoflakes to Cu ₂ Se Hierarchical Columnar Superstructures for High-Performance Solar Cell Applications. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 840-847.	1.2	34
500	<i>In Situ</i> Scanning Transmission Electron Microscopy Observations of Fracture at the Atomic Scale. <i>Physical Review Letters</i> , 2020, 125, 246102.	2.9	34
501	Recent Progress on Carbon Nitride and Its Hybrid Photocatalysts for CO ₂ Reduction. <i>Solar Rrl</i> , 2021, 5, 2000478.	3.1	34
502	Thermally Activated Delayed Fluorescence Warm White Organic Light Emitting Devices with External Quantum Efficiencies Over 30%. <i>Advanced Functional Materials</i> , 2021, 31, 2101647.	7.8	34
503	Non-Fullerene Acceptor Doped Block Copolymer for Efficient and Stable Organic Solar Cells. <i>ACS Energy Letters</i> , 2022, 7, 2196-2202.	8.8	34
504	Effect of nitrogen incorporation into diamond-like carbon films by ECR-CVD. <i>Diamond and Related Materials</i> , 1999, 8, 472-476.	1.8	33

#	ARTICLE	IF	CITATIONS
505	Deposition of carbon nanotubes on Si nanowires by chemical vapor deposition. <i>Chemical Physics Letters</i> , 2000, 330, 48-52.	1.2	33
506	Efficient red electroluminescence from organic devices using dye-doped rare earth complexes. <i>Applied Physics Letters</i> , 2003, 82, 2218-2220.	1.5	33
507	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.	2.1	33
508	Realization of Highly Efficient Red Phosphorescence from Bis-Tridentate Iridium(III) Phosphors. <i>Inorganic Chemistry</i> , 2019, 58, 10944-10954.	1.9	33
509	Electrochemically Stable Sodium Metal-Tellurium/Carbon Nanorods Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1903046.	10.2	33
510	Mechanical properties of DLC films prepared in acetylene and methane plasmas using electron cyclotron resonance microwave plasma chemical vapor deposition. <i>Diamond and Related Materials</i> , 2001, 10, 1862-1867.	1.8	32
511	Metal/Alq3 interactions in organic light emitting devices: The different roles of Mg, Al, and Li atoms. <i>Journal of Chemical Physics</i> , 2002, 116, 8827-8837.	1.2	32
512	Phosphorus-doped silicon nanowires studied by near edge x-ray absorption fine structure spectroscopy. <i>Applied Physics Letters</i> , 2002, 80, 3709-3711.	1.5	32
513	A Novel Neutral Red Derivative for Applications in High-Performance Red-Emitting Electroluminescent Devices. <i>Chemistry of Materials</i> , 2003, 15, 1913-1917.	3.2	32
514	Substrate dependence of energy level alignment at the donor-acceptor interface in organic photovoltaic devices. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2009, 174, 35-39.	0.8	32
515	Microwave-assisted synthesis of Cu ₂ ZnSnS ₄ nanocrystals as a novel anode material for lithium ion battery. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	32
516	Silicon nanowire based single-molecule SERS sensor. <i>Nanoscale</i> , 2013, 5, 8172.	2.8	32
517	Direct Free Carrier Photogeneration in Single Layer and Stacked Organic Photovoltaic Devices. <i>Advanced Materials</i> , 2017, 29, 1606909.	11.1	32
518	Incorporating Copper Nanoclusters into Metal-Organic Frameworks: Confinement-Assisted Emission Enhancement and Application for Trinitrotoluene Detection. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1700029.	1.2	32
519	High performance near ultraviolet emitter based on phenanthroimidazole via substitutions at C6- and C9-positions. <i>Dyes and Pigments</i> , 2017, 136, 347-353.	2.0	32
520	Porous and Intercrossed PbI ₂ /CsI Nanorod Scaffold for Inverted Planar FA-Cs Mixed-Cation Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 6126-6135.	4.0	32
521	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.	7.8	32
522	Molecular Engineering Enables TADF Emitters Well Suitable for Non-Doped OLEDs with External Quantum Efficiency of Nearly 30%. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	32

#	ARTICLE	IF	CITATIONS
523	Advances in the theory of deformation and recrystallization texture formation. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1994, 184, 97-112.	2.6	31
524	Diamond nucleation enhancement by direct low-energy ion-beam deposition. <i>Physical Review B</i> , 2000, 61, 5579-5586.	1.1	31
525	Improved color purity and efficiency of blue organic light-emitting diodes via suppression of exciplex formation. <i>Synthetic Metals</i> , 2001, 118, 193-196.	2.1	31
526	Aggregation-induced emission enhancement materials with large red shifts and their self-assembled crystal microstructures. <i>CrystEngComm</i> , 2011, 13, 4617.	1.3	31
527	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.	4.0	31
528	Surface Engineering of Reduced Graphene Oxide for Controllable Ambipolar Flash Memories. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 1699-1708.	4.0	31
529	Isomerization enhanced quantum yield of dibenzo[<i>a,c</i>]phenazine-based thermally activated delayed fluorescence emitters for highly efficient orange OLEDs. <i>Journal of Materials Chemistry C</i> , 2020, 8, 9639-9645.	2.7	31
530	Preparation of crystalline carbon nitride films on silicon substrate by chemical vapor deposition. <i>Diamond and Related Materials</i> , 1997, 6, 635-639.	1.8	30
531	New 1H-pyrazolo[3,4-b]quinoxaline derivatives as sharp green-emitting dopants for highly efficient electroluminescent devices. <i>Chemical Communications</i> , 2002, , 1404-1405.	2.2	30
532	One- or Semi-Two-Dimensional Organic Nanocrystals Induced by Directional Supramolecular Interactions. <i>Journal of Physical Chemistry C</i> , 2008, 112, 16264-16268.	1.5	30
533	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.	5.2	30
534	A novel spiro-annulated benzimidazole host for highly efficient blue phosphorescent organic light-emitting devices. <i>Chemical Communications</i> , 2018, 54, 4541-4544.	2.2	30
535	In Situ Cu-Loaded Porous Boron Nitride Nanofiber as an Efficient Adsorbent for CO ₂ Capture. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 7454-7462.	3.2	30
536	Panoramic insights into semi-artificial photosynthesis: origin, development, and future perspective. <i>Energy and Environmental Science</i> , 2022, 15, 529-549.	15.6	30
537	Surface Molecular Functionalization of Unusual Phase Metal Nanomaterials for Highly Efficient Electrochemical Carbon Dioxide Reduction under Industry-Relevant Current Density. <i>Small</i> , 2022, 18, e2106766.	5.2	30
538	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.	6.4	30
539	Silicon Nanowires Wrapped with Au Film. <i>Journal of Physical Chemistry B</i> , 2002, 106, 6980-6984.	1.2	29
540	Single zinc-doped indium oxide nanowire as driving transistor for organic light-emitting diode. <i>Applied Physics Letters</i> , 2008, 92, .	1.5	29

#	ARTICLE	IF	CITATIONS
541	Approaches for achieving highly efficient exciplex-based organic light-emitting devices. Applied Physics Letters, 2008, 93, .	1.5	29
542	Bicrystalline CdS Nanoribbons. Crystal Growth and Design, 2009, 9, 1375-1377.	1.4	29
543	Visible-blind ultraviolet sensitive photodiode with high responsivity and long term stability. Applied Physics Letters, 2010, 97, .	1.5	29
544	Synthesis and properties of n-type triphenylpyridine derivatives and applications in deep-blue organic light-emitting devices as electron-transporting layer. Journal of Materials Chemistry, 2011, 21, 12977.	6.7	29
545	Efficient blue organic light-emitting devices with a new bipolar emitter. Organic Electronics, 2011, 12, 358-363.	1.4	29
546	Carbazole-pyrene derivatives for undoped organic light-emitting devices. Organic Electronics, 2011, 12, 541-546.	1.4	29
547	Near-Infrared Electric Power Generation Through Sub-Energy-Gap Absorption in an Organic-Inorganic Composite. Advanced Functional Materials, 2012, 22, 3035-3042.	7.8	29
548	Self-Assembly and Hierarchical Patterning of Aligned Organic Nanowire Arrays by Solvent Evaporation on Substrates with Patterned Wettability. ACS Applied Materials & Interfaces, 2013, 5, 5757-5762.	4.0	29
549	Low Temperature Sonochemical Synthesis of Morphology Variable MoO ₃ Nanostructures for Performance Enhanced Lithium Ion Battery Applications. Electrochimica Acta, 2015, 185, 83-89.	2.6	29
550	Effects of Small Polar Molecules (MA ⁺ and H ₂ O) on Degradation Processes of Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 14960-14966.	4.0	29
551	Development and challenges of electrode materials for rechargeable Mg batteries. Energy Storage Materials, 2021, 42, 687-704.	9.5	29
552	Nanocrystalline C-BN synthesized by mechanical alloying. Diamond and Related Materials, 1999, 8, 610-613.	1.8	28
553	Ambient effect on the electronic structures of tris-(8-hydroxyquinoline) aluminum films investigated by photoelectron spectroscopy. Chemical Physics Letters, 2001, 333, 212-216.	1.2	28
554	A soft X-ray absorption study of nanodiamond films prepared by hot-filament chemical vapor deposition. Chemical Physics Letters, 2003, 372, 320-324.	1.2	28
555	Distinct interfaces of poly (9,9-dioctylfluorene-co-benzothiadiazole) with cesium and calcium as observed by photoemission spectroscopy. Journal of Applied Physics, 2003, 94, 5763-5770.	1.1	28
556	Contrast improvement of organic light-emitting devices with Sm:Ag cathode. Applied Physics Letters, 2006, 88, 083507.	1.5	28
557	One-pot synthesis of graphene/In ₂ S ₃ nanoparticle composites for stable rechargeable lithium ion battery. CrystEngComm, 2013, 15, 6578.	1.3	28
558	Charge-Transfer State Energy and Its Relationship with Open-Circuit Voltage in an Organic Photovoltaic Device. Journal of Physical Chemistry C, 2016, 120, 14059-14068.	1.5	28

#	ARTICLE	IF	CITATIONS
559	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.	2.7	28
560	Methoxy substituents activated carbazole-based boron dimesityl TADF emitters. <i>Journal of Materials Chemistry C</i> , 2020, 8, 4780-4788.	2.7	28
561	Dilute Aqueous-Protic Hybrid Electrolyte Enabling a Wide Electrochemical Window through Solvation Structure Engineering. <i>Advanced Materials</i> , 2021, 33, e2102390.	11.1	28
562	Highly efficient red thermally activated delayed fluorescence emitters by manipulating the molecular horizontal orientation. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3209-3215.	3.2	28
563	Organic radical materials in biomedical applications: State of the art and perspectives. <i>Exploration</i> , 2022, 2, .	5.4	28
564	Effects of ambient pressure on silicon nanowire growth. <i>Chemical Physics Letters</i> , 2001, 334, 229-232.	1.2	27
565	Film thickness effects on mechanical and tribological properties of nitrogenated diamond-like carbon films. <i>Surface and Coatings Technology</i> , 2001, 145, 38-43.	2.2	27
566	Highly efficient and substrate independent CsF/Yb/Ag cathodes for organic light-emitting devices. <i>Chemical Physics Letters</i> , 2003, 374, 215-221.	1.2	27
567	Novel high proton conductive material from liquid crystalline 4-(octadecyloxy)phenylsulfonic acid. <i>Journal of Materials Chemistry</i> , 2010, 20, 6245.	6.7	27
568	Organic Upconversion Display with an over 100% Photon-to-photon Upconversion Efficiency and a Simple Pixelless Device Structure. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 6818-6824.	2.1	27
569	Mechanochromic luminescence and color-tunable light-emitting devices of triphenylamine functionalized benzo[<i>d</i>], <i>e</i>]benzo[4,5]imidazo[2,1- <i>a</i>]isoquinolin-7-one. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9808-9812.	2.7	27
570	Achieving high singlet-oxygen generation by applying the heavy-atom effect to thermally activated delayed fluorescent materials. <i>Chemical Communications</i> , 2021, 57, 4902-4905.	2.2	27
571	Compact Biomimetic Hair Sensors Based on Single Silicon Nanowires for Ultrafast and Highly-Sensitive Airflow Detection. <i>Nano Letters</i> , 2021, 21, 4684-4691.	4.5	27
572	The influence of boron-doping on the effectiveness of grain boundary hardening in Ni3Al. <i>Acta Materialia</i> , 1999, 47, 1823-1830.	3.8	26
573	Study of tribological performance of ECR-CVD diamond-like carbon coatings on steel substrates. <i>Wear</i> , 2005, 258, 1577-1588.	1.5	26
574	Chemical bonding and electronic structures at magnesium/copper phthalocyanine interfaces. <i>Applied Surface Science</i> , 2006, 252, 3948-3952.	3.1	26
575	Interface dipole at metal-organic interfaces: Contribution of metal induced interface states. <i>Applied Physics Letters</i> , 2009, 94, 113304.	1.5	26
576	Stability enhancement in organic photovoltaic device by using polymerized fluorocarbon anode buffer layer. <i>Applied Physics Letters</i> , 2011, 99, 033302.	1.5	26

#	ARTICLE	IF	CITATIONS
577	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.	2.9	26
578	Highly efficient organic tandem solar cell based on SubPc:C 70 bulk heterojunction. <i>Organic Electronics</i> , 2014, 15, 3756-3760.	1.4	26
579	Pyrene based conjugated materials: synthesis, characterization and electroluminescent properties. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 23320-23328.	1.3	26
580	A pyridine based meta-linking deep-blue emitter with high conjugation extent and electroluminescence efficiencies. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6249-6255.	2.7	26
581	Water-splitting Based and Related Therapeutic Effects: Evolving Concepts, Progress, and Perspectives. <i>Small</i> , 2020, 16, e2004551.	5.2	26
582	An Activatable NIR Probe for the Detection and Elimination of Senescent Cells. <i>Analytical Chemistry</i> , 2022, 94, 5425-5431.	3.2	26
583	Photoemission study of hole-injection enhancement in organic electroluminescent devices with Au/CFx anode. <i>Applied Physics Letters</i> , 2004, 84, 73-75.	1.5	25
584	Electronegativity model for barrier formation at metal/organic interfaces. <i>Applied Physics Letters</i> , 2005, 87, 252110.	1.5	25
585	Growth mechanism of ZnO nanowires via direct Zn evaporation. <i>Journal of Materials Science</i> , 2009, 44, 563-571.	1.7	25
586	A Bipolar Transporter as an Efficient Green Fluorescent Emitter and Host for Red Phosphors in Multi-layer and Single-layer Organic Light-emitting Diodes. <i>Chemistry - A European Journal</i> , 2014, 20, 13762-13769.	1.7	25
587	Broadband light absorption enhancement in moth's eye nanostructured organic solar cells. <i>AIP Advances</i> , 2015, 5, 057164.	0.6	25
588	A surface curvature oscillation model for vapour-liquid-solid growth of periodic one-dimensional nanostructures. <i>Nature Communications</i> , 2015, 6, 6412.	5.8	25
589	Removing shortcomings of linear molecules to develop high efficiencies deep-blue organic electroluminescent materials. <i>Organic Electronics</i> , 2016, 38, 323-329.	1.4	25
590	Multifunctional anionic indium-organic frameworks for organic dye separation, white-light emission and dual-emitting Fe ³⁺ sensing. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14897-14903.	2.7	25
591	Fluorinated triphenylamine-based dopant-free hole-transporting material for high-performance inverted perovskite solar cells. <i>Chemical Engineering Journal</i> , 2020, 402, 125923.	6.6	25
592	High Performance NIR OLEDs with Low Efficiency Roll-off by Leveraging Os(II) Phosphors and Exciplex Co-host. <i>Advanced Functional Materials</i> , 2021, 31, 2102787.	7.8	25
593	Aggregation-state engineering and emission switching in Ir ²⁺ AIEgens featuring dual emission, MCL and white electroluminescence. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8061-8068.	2.7	25
594	Confocal visible/NIR photoacoustic microscopy of tumors with structural, functional, and nanoprobe contrasts. <i>Photonics Research</i> , 2020, 8, 1875.	3.4	25

#	ARTICLE	IF	CITATIONS
595	Structural degradation mechanisms and modulation technologies of layered oxide cathodes for sodium-ion batteries. , 2022, 1, 68-92.		25
596	Main-Chain Dynamics of Cardiotoxin II from Taiwan Cobra (<i>Naja naja atra</i>) as Studied by Carbon-13 NMR at Natural Abundance: A Delineation of the Role of Functionally Important Residues. Biochemistry, 1998, 37, 155-164.	1.2	24
597	Mechanical properties and corrosion studies of amorphous carbon on magnetic disks prepared by ECR plasma technique. Thin Solid Films, 2000, 368, 198-202.	0.8	24
598	Deposition and properties of a-C:H films on polymethyl methacrylate by electron cyclotron resonance microwave plasma chemical vapor deposition method. Surface and Coatings Technology, 2000, 123, 273-277.	2.2	24
599	Mechanical properties of a-C:H multilayer films. Diamond and Related Materials, 2001, 10, 1833-1838.	1.8	24
600	Periodic array of intramolecular junctions of silicon nanowires. Applied Physics Letters, 2002, 81, 3233-3235.	1.5	24
601	Microstructure and field emission properties of coral-like carbon nanotubes. Applied Physics Letters, 2002, 81, 5024-5026.	1.5	24
602	Observation of near infrared and enhanced visible emissions from electroluminescent devices with organo samarium(III) complex. Journal Physics D: Applied Physics, 2006, 39, 4549-4552.	1.3	24
603	Efficient green organic light-Emitting devices with a nondoped dual-functional electroluminescent material. Applied Physics Letters, 2007, 91, 153504.	1.5	24
604	High-efficiency nondoped green organic light-emitting devices. Chemical Physics Letters, 2008, 455, 79-82.	1.2	24
605	ZnO nanowire arrays grown on Al:ZnO buffer layers and their enhanced electron field emission. Journal of Applied Physics, 2009, 106, .	1.1	24
606	Importance of molecular alignment for organic photovoltaic devices. Applied Physics Letters, 2010, 97, 163301.	1.5	24
607	Bipolar cyano-substituted pyridine derivatives for applications in organic light-emitting devices. Journal of Materials Chemistry, 2012, 22, 8922.	6.7	24
608	Cu ₂ ZnSnS ₄ and Cu ₂ ZnSn(S _{1-x} Se _x) ₄ nanocrystals: room-temperature synthesis and efficient photoelectrochemical water splitting. Journal of Materials Chemistry A, 2017, 5, 25230-25236.	5.2	24
609	Stabilization of organometallic halide perovskite nanocrystals in aqueous solutions and their applications in copper ion detection. Chemical Communications, 2018, 54, 5784-5787.	2.2	24
610	Iridium(III) Complexes Bearing a Formal Tetradentate Coordination Chelate: Structural Properties and Phosphorescence Fine-Tuned by Ancillaries. Inorganic Chemistry, 2020, 59, 523-532.	1.9	24
611	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. Angewandte Chemie, 2021, 133, 2508-2514.	1.6	24
612	Aqueous MnV ₂ O ₆ -Zn Battery with High Operating Voltage and Energy Density. Small, 2021, 17, e2008182.	5.2	24

#	ARTICLE	IF	CITATIONS
613	Air-Stable Ultrabright Inverted Organic Light-Emitting Devices with Metal Ion-Chelated Polymer Injection Layer. <i>Nano-Micro Letters</i> , 2022, 14, 14.	14.4	24
614	Large Scale Synthesis of Silicon Nanowires by Laser Ablation. <i>Materials Research Society Symposia Proceedings</i> , 1998, 526, 73.	0.1	23
615	Interface formation between poly(9,9-dioctylfluorene) and Ca electrode investigated using photoelectron spectroscopy. <i>Chemical Physics Letters</i> , 2000, 325, 405-410.	1.2	23
616	Crystal morphology and phase purity of diamond crystallites during bias enhanced nucleation and initial growth stages. <i>Journal of Applied Physics</i> , 2000, 88, 3354-3360.	1.1	23
617	Carbon monoxide-assisted growth of carbon nanotubes. <i>Chemical Physics Letters</i> , 2001, 342, 259-264.	1.2	23
618	Reductive Growth of Nanosized Ligated Metal Clusters on Silicon Nanowires. <i>Inorganic Chemistry</i> , 2002, 41, 4331-4336.	1.9	23
619	Photoelectron spectroscopic study of iodine- and bromine-treated indium tin oxides and their interfaces with organic films. <i>Chemical Physics Letters</i> , 2003, 370, 425-430.	1.2	23
620	Conducting fluorocarbon coatings for organic light-emitting diodes. <i>Applied Physics Letters</i> , 2004, 84, 4032-4034.	1.5	23
621	Synthesis of double-shelled copper chalcogenide hollow nanocages as efficient counter electrodes for quantum dot-sensitized solar cells. <i>Materials Today Energy</i> , 2017, 5, 331-337.	2.5	23
622	Polyphenylanthracene as a Novel Building Block for High-Performance Deep-Blue Organic Light-Emitting Devices. <i>Advanced Optical Materials</i> , 2018, 6, 1700855.	3.6	23
623	Robust Micron-Sized Silicon Secondary Particles Anchored by Polyimide as High-Capacity, High-Stability Li-Ion Battery Anode. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 34132-34139.	4.0	23
624	Synergistic Effect of Pseudo-Halide Thiocyanate Anion and Cesium Cation on Realizing High-Performance Pinhole-Free MA-Based Wide-Band Gap Perovskites. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 25909-25916.	4.0	23
625	Intermolecular Interaction-Induced Thermally Activated Delayed Fluorescence Based on a Thiochromone Derivative. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1888-1893.	2.1	23
626	Single-Photomolecular Nanotheranostics for Synergetic Near-Infrared Fluorescence and Photoacoustic Imaging-Guided Highly Effective Photothermal Ablation. <i>Small</i> , 2020, 16, e2002672.	5.2	23
627	Iridium(III) Phosphors-Bearing Functional 9-Phenyl-7,9-dihydro-8H-purin-8-ylidene Chelates and Blue Hyperphosphorescent OLED Devices. <i>Advanced Photonics Research</i> , 2022, 3, .	1.7	23
628	Effect of charging on electronic structure of the Alq3 molecule: the identification of carrier transport properties. <i>Chemical Physics Letters</i> , 2000, 326, 413-420.	1.2	22
629	Oxygen effect on the interface formation between calcium and a polyfluorene film. <i>Physical Review B</i> , 2000, 62, 10004-10007.	1.1	22
630	Si nanowires synthesized from silicon monoxide by laser ablation. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2001, 19, 317.	1.6	22

#	ARTICLE	IF	CITATIONS
631	Ag Nanostructures on a Silicon Nanowire Template: Preparation and X-ray Absorption Fine Structure Study at the Si K-edge and Ag L _{3,2} -edge. <i>Chemistry of Materials</i> , 2002, 14, 2519-2526.	3.2	22
632	Dye degradation induced by hydrogen-terminated silicon nanowires under ultrasonic agitations. <i>Journal of Applied Physics</i> , 2009, 105, 034307.	1.1	22
633	p-type conductivity in silicon nanowires induced by heterojunction interface charge transfer. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	22
634	Feroxyhyte Nanosheets: Iron Vacancies Induced Bifunctionality in Ultrathin Feroxyhyte Nanosheets for Overall Water Splitting (<i>Adv. Mater.</i> 36/2018). <i>Advanced Materials</i> , 2018, 30, 1870272.	11.1	22
635	Electrostatic self-assembly seeding strategy to improve machining performance of nanocrystalline diamond coated cutting tools. <i>Surface and Coatings Technology</i> , 2019, 357, 870-878.	2.2	22
636	Antioxidant Grain Passivation for Air-Stable Tin-Based Perovskite Solar Cells. <i>Angewandte Chemie</i> , 2019, 131, 816-820.	1.6	22
637	A two-photon fluorescent probe for sensitive detection and imaging of \hat{I}^3 -glutamyl transpeptidase. <i>Chemical Communications</i> , 2020, 56, 10902-10905.	2.2	22
638	Armoring SiO _x with a conformal LiF layer to boost lithium storage. <i>Journal of Materials Chemistry A</i> , 2021, 9, 7807-7816.	5.2	22
639	Deep-blue high-efficiency triplet-triplet annihilation organic light-emitting diodes using donor- and acceptor-modified anthracene fluorescent emitters. <i>Materials Today Energy</i> , 2021, 21, 100727.	2.5	22
640	High-Efficiency Red-Fluorescent Organic Light-Emitting Diodes with Excellent Color Purity. <i>Journal of Physical Chemistry C</i> , 2021, 125, 1980-1989.	1.5	22
641	Microstructure and mechanical behaviour of a SiC particles reinforced Al ₅ Cu composite under dynamic loading. <i>Journal of Materials Processing Technology</i> , 1999, 94, 175-178.	3.1	21
642	Deposition of ultra-thin diamond-like carbon protective coating on magnetic disks by electron cyclotron resonance plasma technique. <i>Journal of Non-Crystalline Solids</i> , 1999, 254, 167-173.	1.5	21
643	Vibrational and photoemission study of the interface between phenyl diamine and indium tin oxide. <i>Applied Physics Letters</i> , 2001, 79, 1561-1563.	1.5	21
644	Visible-blind ultraviolet photo-detector using tris-(8-hydroxyquinoline) rare earth as acceptors and the effects of the bulk and interfacial exciplex emissions on the photo-responsivity. <i>Organic Electronics</i> , 2010, 11, 1301-1306.	1.4	21
645	Operation stability enhancement in organic photovoltaic device by a metal doped organic exciton blocking layer. <i>Applied Physics Letters</i> , 2010, 97, 143304.	1.5	21
646	High-Performance CdSe:In Nanowire Field-Effect Transistors Based on Top-Gate Configuration with High- \hat{I}^9 Non-Oxide Dielectrics. <i>Journal of Physical Chemistry C</i> , 2010, 114, 4663-4668.	1.5	21
647	Low temperature processed bilayer dielectrics for low-voltage flexible saturated load inverters. <i>Applied Physics Letters</i> , 2011, 98, .	1.5	21
648	The locally twisted thiophene bridged phenanthroimidazole derivatives as dual-functional emitters for efficient non-doped electroluminescent devices. <i>Organic Electronics</i> , 2015, 18, 61-69.	1.4	21

#	ARTICLE	IF	CITATIONS
649	Green Biological Synthesis of Nanoparticles and Their Biomedical Applications. <i>Nanotechnology in the Life Sciences</i> , 2020, , 247-280.	0.4	21
650	Recent Progress of Alkyl Radicals Generation-Based Agents for Biomedical Applications. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100055.	3.9	21
651	Synthesis of nanocrystalline diamond by the direct ion beam deposition method. <i>Journal of Materials Research</i> , 1999, 14, 3204-3207.	1.2	20
652	The effect of functional group substitution on the photoluminescence and electroluminescence of pyrazoline derivatives. <i>Synthetic Metals</i> , 2000, 114, 115-117.	2.1	20
653	White light electroluminescence from a hole-transporting layer of mixed organic materials. <i>Synthetic Metals</i> , 2000, 111-112, 39-42.	2.1	20
654	Coaxial nanocables of p-type zinc telluride nanowires sheathed with silicon oxide: synthesis, characterization and properties. <i>Nanotechnology</i> , 2009, 20, 455702.	1.3	20
655	Exciplex emission and its relationship with depletion organic heterojunction. <i>Organic Electronics</i> , 2012, 13, 1641-1645.	1.4	20
656	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.	2.0	20
657	The influence of donor material on achieving high photovoltaic response for organic bulk heterojunction cells with small ratio donor component. <i>Organic Electronics</i> , 2013, 14, 1130-1135.	1.4	20
658	Blue-emitting bis-tridentate Ir(III) phosphors: OLED performances vs. substituent effects. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10486-10496.	2.7	20
659	Multi-Synergistic Removal of Low-Boiling-Point Contaminants with Efficient Carbon Aerogel-Based Solar Purifier. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 31624-31634.	4.0	20
660	Optimizing Intermolecular Interactions and Energy Level Alignments of Red TADF Emitters for High-Performance Organic Light-Emitting Diodes. <i>Small</i> , 2022, 18, e2201548.	5.2	20
661	Mechanical properties of amorphous carbon nitride films synthesized by electron cyclotron resonance microwave plasma chemical vapor deposition. <i>Journal of Non-Crystalline Solids</i> , 1999, 254, 180-185.	1.5	19
662	Yttrium-barium-copper-oxygen nanorods synthesized by laser ablation. <i>Chemical Physics Letters</i> , 2000, 323, 180-184.	1.2	19
663	Diamond-like carbon coatings applied to hard disks. <i>Diamond and Related Materials</i> , 2000, 9, 815-818.	1.8	19
664	Memory effect and negative differential resistance in tris-(8-hydroxy quinoline) aluminum/bathocuproine bilayer devices. <i>Applied Physics Letters</i> , 2008, 93, .	1.5	19
665	Impact of dye interlayer on the performance of organic photovoltaic devices. <i>Applied Physics Letters</i> , 2009, 95, 153303.	1.5	19
666	A Versatile Triphenylamine/Fluoranthene-Based Derivative as a Nondoped Green-Emitting, Hole-Transporting Interlayer for Electroluminescent Devices. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1253-1258.	1.7	19

#	ARTICLE	IF	CITATIONS
667	Ionic Charge Transfer Complex Induced Visible Light Harvesting and Photocharge Generation in Perovskite. ACS Applied Materials & Interfaces, 2015, 7, 20280-20284.	4.0	19
668	Membrane-Anchoring Photosensitizer with Aggregation-Induced Emission Characteristics for Combating Multidrug-Resistant Bacteria. Angewandte Chemie, 2020, 132, 642-646.	1.6	19
669	Charge-transfer complexes and their applications in optoelectronic devices. Materials Today Energy, 2021, 20, 100644.	2.5	19
670	Effects at reactive ion etching of CVD diamond. Thin Solid Films, 2000, 368, 222-226.	0.8	18
671	Deposition and properties of tetrahedral amorphous carbon films prepared on magnetic hard disks. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2001, 19, 1606-1610.	0.9	18
672	High-contrast and high-efficiency top-emitting organic light-emitting devices. Applied Physics A: Materials Science and Processing, 2006, 85, 95-97.	1.1	18
673	Electronic properties and open-circuit voltage enhancement in mixed copper phthalocyanine:fullerene bulk heterojunction photovoltaic devices. Applied Physics Letters, 2009, 95, .	1.5	18
674	Electrical characterization and Raman spectroscopy of individual vanadium pentoxide nanowire. Journal of Nanoparticle Research, 2011, 13, 4929-4936.	0.8	18
675	Charge depletion in organic heterojunction. Applied Physics Letters, 2012, 100, .	1.5	18
676	Large-Scale Controllable Patterning Growth of Aligned Organic Nanowires through Evaporation-Induced Self-Assembly. Chemistry - A European Journal, 2012, 18, 975-980.	1.7	18
677	A stable high performance Li-S battery with a polysulfide ion blocking layer. Journal of Materials Chemistry A, 2014, 2, 5602.	5.2	18
678	Controllable Synthesis of Bandgap-Tunable CuS _x Se _{1-x} Nanoplate Alloys. Chemistry - an Asian Journal, 2015, 10, 1490-1495.	1.7	18
679	Surface Transfer Doping of Cubic Boron Nitride Films by MoO ₃ and Tetrafluoro-tetracyanoquinodimethane (F4-TCNQ). ACS Applied Materials & Interfaces, 2015, 7, 9851-9857.	4.0	18
680	Hierarchically nanostructured ZnCo ₂ O ₄ particles in 3D graphene networks for high-rate and long-life lithium ion batteries. Materials Today Energy, 2019, 12, 46-52.	2.5	18
681	Anomalous fracture in two-dimensional rhenium disulfide. Science Advances, 2020, 6, .	4.7	18
682	Spontaneously Ordered Hierarchical Two-Dimensional Wrinkle Patterns in Two-Dimensional Materials. Nano Letters, 2020, 20, 8420-8425.	4.5	18
683	Hypocrellin-Based Multifunctional Phototheranostic Agent for NIR-Triggered Targeted Chemo/Photodynamic/Photothermal Synergistic Therapy against Glioblastoma. ACS Applied Bio Materials, 2020, 3, 3817-3826.	2.3	18
684	Efficient Blue Electrophosphorescence and Hyperphosphorescence Generated by Bis-tridentate Iridium(III) Complexes. Inorganic Chemistry, 2022, 61, 8898-8908.	1.9	18

#	ARTICLE	IF	CITATIONS
685	Modified theory of rolling texture development in $\hat{1}\pm$ brass. <i>Materials Science and Technology</i> , 1994, 10, 155-161.	0.8	17
686	Electroluminescent property and charge separation state of bis-naphthalimides. <i>Optical Materials</i> , 2000, 14, 91-94.	1.7	17
687	A simple route to annihilate defects in silicon nanowires. <i>Chemical Physics Letters</i> , 2000, 328, 346-349.	1.2	17
688	Intrinsic stress evolution in diamond films prepared in a $\text{CH}_4\text{-H}_2\text{-NH}_3$ hot filament chemical vapor deposition system. <i>Diamond and Related Materials</i> , 2000, 9, 1388-1392.	1.8	17
689	Vibrational analysis of oxygen-plasma treated indium tin oxide. <i>Chemical Physics Letters</i> , 2003, 370, 795-798.	1.2	17
690	Time-resolved transient electroluminescence measurements of emission from DCM-doped Alq3 layers. <i>Chemical Physics Letters</i> , 2004, 397, 87-90.	1.2	17
691	Highly efficient nondoped green organic light-emitting devices based on a substituted triphenylpyridine derivative. <i>Applied Physics Letters</i> , 2009, 95, 133301.	1.5	17
692	Assembly of MnO_2 nanowires@reduced graphene oxide hybrid with an interconnected structure for a high performance lithium ion battery. <i>RSC Advances</i> , 2014, 4, 54416-54421.	1.7	17
693	A high performance deep-blue emitter with an anti-parallel dipole design. <i>Dyes and Pigments</i> , 2017, 146, 219-225.	2.0	17
694	Ternary Acceptor-Donor-Acceptor Asymmetrical Phenanthroimidazole Molecule for Highly Efficient Near-Ultraviolet Electroluminescence with External Quantum Efficiency (EQE) $>4\%$. <i>Chemistry - A European Journal</i> , 2018, 24, 15566-15571.	1.7	17
695	Revealing the new potential of an indandione unit for constructing efficient yellow thermally activated delayed fluorescence emitters with short emissive lifetimes. <i>Journal of Materials Chemistry C</i> , 2018, 6, 7111-7118.	2.7	17
696	Two-Channel Space Charge Transfer-Induced Thermally Activated Delayed Fluorescent Materials for Efficient OLEDs with Low Efficiency Roll-Off. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 49066-49075.	4.0	17
697	Triplet harvesting aryl carbonyl-based luminescent materials: progress and prospective. <i>Journal of Materials Chemistry C</i> , 2021, 9, 17233-17264.	2.7	17
698	Moiré interferometry for simultaneous measurement of U, V, W . <i>Experimental Mechanics</i> , 1989, 29, 258-260.	1.1	16
699	The formation of cube-oriented material and its surrounding in cold rolled FCC metals. <i>Scripta Metallurgica Et Materialia</i> , 1993, 29, 43-48.	1.0	16
700	Effect of ion beam nitriding on diamond nucleation and growth onto steel substrates. <i>Diamond and Related Materials</i> , 2001, 10, 1506-1510.	1.8	16
701	Efficiency and stability enhancement in organic light-emitting devices with CsF/Mg:Ag cathode. <i>Chemical Physics Letters</i> , 2003, 380, 298-303.	1.2	16
702	Photoluminescence and electroluminescence of a novel green-yellow emitting material-5,6-Bis-[4-(naphthalene-1-yl-phenyl-amino)-phenyl]-pyrazine-2,3-dicarbonitrile. <i>Journal of Luminescence</i> , 2007, 124, 221-227.	1.5	16

#	ARTICLE	IF	CITATIONS
703	Enhanced electrical properties of pentacene-based organic thin-film transistors by modifying the gate insulator surface. <i>Applied Surface Science</i> , 2008, 254, 7688-7692.	3.1	16
704	Enhanced storage/operation stability of small molecule organic photovoltaics using graphene oxide interfacial layer. <i>Organic Electronics</i> , 2012, 13, 3220-3225.	1.4	16
705	Simple near-infrared photodetector based on charge transfer complexes formed in molybdenum oxide doped N,N'-di(naphthalene-1-yl)-N,N'-diphenylbenzidine. <i>Physica Status Solidi - Rapid Research Letters</i> , 2012, 6, 129-131.	2.6	16
706	Improvement in power conversion efficiency and long-term lifetime of organic photovoltaic cells by using bathophenanthroline/molybdenum oxide as compound cathode buffer layer. <i>Solar Energy Materials and Solar Cells</i> , 2013, 117, 189-193.	3.0	16
707	Polarity-Free Epitaxial Growth of Heterostructured ZnO/ZnS Core/Shell Nanobelts. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 740-744.	2.1	16
708	Poly(3-hexylthiophene)/Gold Nanoparticle Hybrid System with an Enhanced Photoresponse for Light-Controlled Electronic Devices. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 599-605.	1.2	16
709	Controlling Directional Liquid Motion on Micro- and Nanocrystalline Diamond/ ¹² -SiC Composite Gradient Films. <i>Langmuir</i> , 2018, 34, 1419-1428.	1.6	16
710	The Role of Diammonium Cation on the Structural and Optoelectronic Properties in 3D Cesium-Formamidinium Mixed-Cation Perovskite Solar Cells. <i>Solar Rrl</i> , 2019, 3, 1900140.	3.1	16
711	Rational molecular design of bipolar phenanthroimidazole derivatives to realize highly efficient non-doped deep blue electroluminescence with CIEy \bar{E} , 0.06 and EQE approaching 6%. <i>Dyes and Pigments</i> , 2020, 173, 107982.	2.0	16
712	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.	2.7	16
713	Effects of Hydrogen Bonds between Polymeric Hole-Transporting Material and Organic Cation Spacer on Morphology of Quasi-Two-Dimensional Perovskite Grains and Their Performance in Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 9440-9447.	4.0	16
714	Constructing deep-blue bis-tridentate Ir(ⁱⁱⁱ) phosphors with fluorene-based dianionic chelates. <i>Journal of Materials Chemistry C</i> , 2021, 9, 1318-1325.	2.7	16
715	Water-Soluble Organic Nanoparticles with Programable Intermolecular Charge Transfer for NIR-Photothermal Anti-Bacterial Therapy. <i>Angewandte Chemie</i> , 2021, 133, 11864-11868.	1.6	16
716	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.	3.6	16
717	3D Triptycene-Fused Acridine Electron Donor Enables High-Efficiency Nondoped Thermally Activated Delayed Fluorescent OLEDs. <i>Advanced Optical Materials</i> , 2021, 9, 2100273.	3.6	16
718	Plasma-assisted synthesis of nickel-cobalt nitride-oxide hybrids for high-efficiency electrochemical hydrogen evolution. <i>Materials Today Energy</i> , 2021, 21, 100784.	2.5	16
719	A dislocation avalanche theory of shear banding. <i>Acta Metallurgica Et Materialia</i> , 1994, 42, 857-860.	1.9	15
720	Inhibition of dark spots growth in organic electroluminescent devices. <i>Chemical Physics Letters</i> , 2001, 333, 432-436.	1.2	15

#	ARTICLE	IF	CITATIONS
721	Interface between poly (9,9-dioctylfluorene) and alkali metals: cesium, potassium, sodium, and lithium. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2002, 20, 911-918.	0.9	15
722	Formation and structure of a-C/nanodiamond composite films by prolonged bias enhanced nucleation. <i>Diamond and Related Materials</i> , 2003, 12, 1640-1646.	1.8	15
723	Investigation of calcium as high performance cathode in small-molecule based organic light-emitting devices. <i>Journal of Applied Physics</i> , 2003, 94, 7297-7299.	1.1	15
724	Role of ytterbium and ytterbium/cesium fluoride on the chemistry of poly(9,9-dioctylfluorene-co-benzothiadiazole) as investigated by photoemission spectroscopy. <i>Journal of Applied Physics</i> , 2003, 94, 2686-2694.	1.1	15
725	Uniform-diameter, aligned carbon nanotubes from microwave plasma-enhanced chemical-vapor deposition. <i>Journal of Applied Physics</i> , 2005, 97, 084307.	1.1	15
726	Ultraviolet photoelectron spectroscopy investigation of interface formation in an indium-tin oxide/fluorocarbon/organic semiconductor contact. <i>Applied Surface Science</i> , 2006, 252, 3806-3811.	3.1	15
727	Substrate effects on the interface electronic properties of organic photovoltaic devices with an inverted C60/CuPc junction. <i>Journal of Applied Physics</i> , 2009, 106, .	1.1	15
728	Investigation on the orderly growth of thick zinc phthalocyanine films on Ag(100) surface. <i>Journal of Chemical Physics</i> , 2010, 133, 144704.	1.2	15
729	Core/Sheath Organic Nanocable Constructed with a Master-Slave Molecular Pair for Optically Switched Memories. <i>Advanced Materials</i> , 2011, 23, 5059-5063.	11.1	15
730	Si/poly-CuTAPC coaxial core-shell nanowire array as enhanced visible-light photocatalyst for hydrogen production. <i>Chemical Communications</i> , 2012, 48, 2815.	2.2	15
731	Rice-like Sulfur/Polyaniline Nanorods Wrapped with Reduced Graphene Oxide Nanosheets as High-Performance Cathode for Lithium-Sulfur Batteries. <i>ChemElectroChem</i> , 2016, 3, 999-1005.	1.7	15
732	Plasmonic-doped melanin-mimic for CXCR4-targeted NIR-II photoacoustic computed tomography-guided photothermal ablation of orthotopic hepatocellular carcinoma. <i>Acta Biomaterialia</i> , 2021, 129, 245-257.	4.1	15
733	Photochemical Synthesis of Nonplanar Small Molecules with Ultrafast Nonradiative Decay for Highly Efficient Phototheranostics. <i>Advanced Materials</i> , 2021, 33, e2102799.	11.1	15
734	A multifunctional targeted nanoprobe with high NIR-II PAI/MRI performance for precise theranostics of orthotopic early-stage hepatocellular carcinoma. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8779-8792.	2.9	15
735	Macroscopic shear bands in cross-rolled \pm brass. <i>Scripta Metallurgica Et Materialia</i> , 1990, 24, 757-762.	1.0	14
736	Effect of rolling geometry and surface friction on cube texture formation. <i>Materials Science and Technology</i> , 1994, 10, 149-154.	0.8	14
737	Theory of the charge-transport properties of naphthyl diamine used in organic light-emitting devices. <i>Applied Physics Letters</i> , 1999, 75, 2418-2420.	1.5	14
738	Computation of large systems with economic basis set: systems involving weak sodium-organic interaction. <i>Chemical Physics Letters</i> , 2000, 330, 484-490.	1.2	14

#	ARTICLE	IF	CITATIONS
739	Fabrication and Characterization of Pure and Well-Aligned Carbon Nanotubes Using Methane/Nitrogen Ammonia Plasma. <i>Journal of Physical Chemistry B</i> , 2003, 107, 1514-1517.	1.2	14
740	Enhancement of green electroluminescence from 2,5-di-p-anisyl-isobenzofuran by double-layer doping strategy. <i>Thin Solid Films</i> , 2004, 446, 111-116.	0.8	14
741	Efficient UV-sensitive organic photovoltaic devices using a starburst amine as electron donor. <i>Journal of Materials Chemistry</i> , 2005, 15, 3268.	6.7	14
742	Transparent organic light-emitting devices with LiF/Yb:Ag cathode. <i>Thin Solid Films</i> , 2007, 515, 6975-6977.	0.8	14
743	Influences of Ion-Induced Defects on Growth of Copper-Phthalocyanine Film on Graphene Substrates. <i>Journal of Physical Chemistry C</i> , 2012, 116, 19278-19284.	1.5	14
744	Synthesis and characterization of cyano-substituted pyridine derivatives for applications as exciton blockers in photovoltaic devices. <i>Journal of Materials Chemistry</i> , 2012, 22, 5107.	6.7	14
745	Effect of Water and Oxygen on the Electronic Structure of the Organic Photovoltaic. <i>Journal of Physical Chemistry C</i> , 2012, 116, 10982-10985.	1.5	14
746	Infrared organic photovoltaic device based on charge transfer interaction between organic materials. <i>Organic Electronics</i> , 2013, 14, 291-294.	1.4	14
747	Highly efficient blue and white phosphorescent OLEDs based on an iridium complex. <i>Dyes and Pigments</i> , 2013, 96, 237-241.	2.0	14
748	Probing the Energy Level Alignment and the Correlation with Open-Circuit Voltage in Solution-Processed Polymeric Bulk Heterojunction Photovoltaic Devices. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 7283-7290.	4.0	14
749	Heat Treatment for Regenerating Degraded Low-Dimensional Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4860-4865.	4.0	14
750	A Lead Iodide Perovskite Based on a Large Organic Cation for Solar Cell Applications. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9941-9944.	7.2	14
751	Highly Efficient, Red Delayed Fluorescent Emitters with Exothermic Reverse Intersystem Crossing via Hot Excited Triplet States. <i>Journal of Physical Chemistry C</i> , 2020, 124, 20816-20826.	1.5	14
752	Novel metastable Bi:Co and Bi:Fe alloys nanodots@carbon as anodes for high rate K-ion batteries. <i>Nano Research</i> , 2022, 15, 7220-7226.	5.8	14
753	Nitrogenated amorphous carbon films synthesized by electron cyclotron resonance plasma enhanced chemical vapor deposition. <i>Diamond and Related Materials</i> , 1999, 8, 1732-1736.	1.8	13
754	Application of an evaporable fluoro-molecule as an anode buffer layer in organic electroluminescent devices. <i>Chemical Physics Letters</i> , 2004, 399, 337-341.	1.2	13
755	Epitaxial ZnS/Si core-shell nanowires and single-crystal silicon tube field-effect transistors. <i>Journal of Crystal Growth</i> , 2008, 310, 165-170.	0.7	13
756	High-efficiency endothermic energy transfer in polymeric light-emitting devices based on cyclometalated Ir complexes. <i>Applied Physics Letters</i> , 2008, 92, 023301.	1.5	13

#	ARTICLE	IF	CITATIONS
757	Hysteresis in In ₂ O ₃ :Zn nanowire field-effect transistor and its application as a nonvolatile memory device. <i>Applied Physics Letters</i> , 2008, 93, 183111.	1.5	13
758	Efficient optical absorption enhancement in organic solar cells by using a 2-dimensional periodic light trapping structure. <i>Applied Physics Letters</i> , 2014, 104, 243904.	1.5	13
759	Polymorphism and electronic properties of vanadyl-phthalocyanine films. <i>Organic Electronics</i> , 2014, 15, 1586-1591.	1.4	13
760	Double-twist pyridine-carbonitrile derivatives yielding excellent thermally activated delayed fluorescence emitters for high-performance OLEDs. <i>Journal of Materials Chemistry C</i> , 2020, 8, 602-606.	2.7	13
761	Solid-State Fluorophore Based on π -Extended Heteroaromatic Acceptor: Polymorphism, Mechanochromic Luminescence, and Electroluminescence. <i>Crystal Growth and Design</i> , 2020, 20, 2454-2461.	1.4	13
762	Efficient Perovskite White Light-Emitting Diode Based on an Interfacial Charge-Confinement Structure. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 44991-45000.	4.0	13
763	Ionic covalent organic frameworks with tailored anionic redox chemistry and selective ion transport for high-performance Na-ion cathodes. <i>Journal of Energy Chemistry</i> , 2022, 75, 441-447.	7.1	13
764	Microstructure and creep behavior of an orthorhombic Ti-25Al-17Nb-1Mo alloy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 1998, 29, 559-564.	1.1	12
765	Dislocation dissociations and fault energies in Ni ₃ Al alloys doped with palladium. <i>Intermetallics</i> , 1999, 7, 1329-1335.	1.8	12
766	Physical properties of a-C:H films prepared by electron cyclotron resonance microwave plasma chemical vapor deposition. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2000, 77, 229-234.	1.7	12
767	A Theoretical Study on the Interactions of Hydrogen Species with Various Carbon and Boron Nitride Phases. <i>Journal of Physical Chemistry B</i> , 2000, 104, 6761-6766.	1.2	12
768	Photoelectron spectroscopic studies of poly(9,9-dioctylfluorene) potassium interface, and its influence by oxygen. <i>Synthetic Metals</i> , 2002, 128, 97-101.	2.1	12
769	Microstructural characterization of Si cones fabricated by Ar ⁺ -sputtering Si/Mo targets. <i>Journal of Crystal Growth</i> , 2002, 234, 654-659.	0.7	12
770	A mechanistic study of exciplex formation and efficient red light-emitting devices based on rare earth complexes. <i>Organic Electronics</i> , 2003, 4, 149-154.	1.4	12
771	High-efficiency white organic light-emitting devices using a blue iridium complex to sensitize a red fluorescent dye. <i>Journal of Applied Physics</i> , 2006, 100, 096114.	1.1	12
772	Synthesis and optical properties of wurtzite ZnS nanorings. <i>Materials Letters</i> , 2011, 65, 2585-2588.	1.3	12
773	An efficient hole-transporting blue fluorophore 3,6-dipyrenyl-9-ethylcarbazole for undoped organic light-emitting devices. <i>Synthetic Metals</i> , 2012, 162, 415-418.	2.1	12
774	Synthesis and photovoltaic properties of conjugated D-A copolymers based on thienyl substituted pyrene and diketopyrrolopyrrole for polymer solar cells. <i>Journal of Polymer Science Part A</i> , 2014, 52, 3198-3204.	2.5	12

#	ARTICLE	IF	CITATIONS
775	Hybridizing anions towards fast diffusion kinetics for tri-ion batteries with significantly improved rate capability and cycling life. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10930-10935.	5.2	12
776	Near-Infrared Hypocrellin Derivatives for Synergistic Photodynamic and Photothermal Therapy. <i>Chemistry - an Asian Journal</i> , 2020, 15, 3462-3468.	1.7	12
777	Diamond films grown by hot filament chemical vapor deposition from a solid carbon source. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1997, 15, 2988-2992.	0.9	11
778	Deformation characteristics of Ti-24Al-14Nb-3V-0.5Mo alloy during hot compression. <i>Journal of Materials Processing Technology</i> , 1998, 73, 119-124.	3.1	11
779	Oriented diamond growth on silicon (111) using a solid carbon source. <i>Journal of Applied Physics</i> , 1998, 83, 4187-4192.	1.1	11
780	Formation of cubic boron nitride films on nickel substrates. <i>Thin Solid Films</i> , 2000, 368, 292-296.	0.8	11
781	Blue electroluminescent devices made from a naphthyl-substituted benzidine derivative and rare earth metal chelates. <i>Synthetic Metals</i> , 2000, 111-112, 53-56.	2.1	11
782	Interfaces between 8-hydroxyquinoline aluminum and cesium as affected by their deposition sequences. <i>Chemical Physics Letters</i> , 2003, 367, 753-758.	1.2	11
783	Crossbar heterojunction field effect transistors of CdSe:In nanowires and Si nanoribbons. <i>Applied Physics Letters</i> , 2009, 95, .	1.5	11
784	High-efficiency undoped blue organic light-emitting device. <i>Dyes and Pigments</i> , 2010, 86, 233-237.	2.0	11
785	Wide-Spectral Photoresponse of Black Molybdenum Oxide Photodetector via Sub-Bandgap Electronic Transition. <i>Advanced Optical Materials</i> , 2013, 1, 699-702.	3.6	11
786	Anisotropic film growth of iron-phthalocyanine on graphene on a Ni(111) substrate: Roles of molecule-substrate and intermolecular interaction. <i>Applied Physics Letters</i> , 2013, 102, 131606.	1.5	11
787	Corrigendum on "Shape-controlled synthesis of organolead halide perovskite nanocrystals and their tunable optical absorption" (2014 <i>Mater. Res. Express</i> 1 015034). <i>Materials Research Express</i> , 2014, 1, 039501.	0.8	11
788	Highly Efficient Orange and Warm White Phosphorescent OLEDs Based on a Host Material with a Carbazole-Fluorenyl Hybrid. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1500-1505.	1.7	11
789	Arrays of ZnO/CuIn _x Ga _{1-x} Se ₂ nanocables with tunable shell composition for efficient photovoltaics. <i>Journal of Applied Physics</i> , 2015, 117, .	1.1	11
790	Evidence of Delocalization in Charge-Transfer State Manifold for Donor:Acceptor Organic Photovoltaics. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 21798-21805.	4.0	11
791	Harnessing combinational phototherapy via post-synthetic PpIX conjugation on nanoscale metal-organic frameworks. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4763-4770.	2.9	11
792	Angular-Fused Dithianaphthylquinone Derivative: Selective Synthesis, Thermally Activated Delayed Fluorescence Property, and Application in Organic Light-Emitting Diode. <i>Organic Letters</i> , 2019, 21, 8832-8836.	2.4	11

#	ARTICLE	IF	CITATIONS
793	Hydrogen Evolution Reaction: Nitrogen-Doped Graphene-Encapsulated Nickel-Copper Alloy Nanoflower for Highly Efficient Electrochemical Hydrogen Evolution Reaction (Small 48/2019). Small, 2019, 15, 1970260.	5.2	11
794	Porous BN Nanofibers Enable Long-Cycling Life Sodium Metal Batteries. Small, 2020, 16, e2002671.	5.2	11
795	Multifunctional oligomer sponge for efficient solar water purification and oil cleanup. Journal of Materials Chemistry A, 2021, 9, 2104-2110.	5.2	11
796	Versatile azaryl-ketone-based blue LEDs for efficient organic light-emitting diodes. Dyes and Pigments, 2021, 195, 109729.	2.0	11
797	Fabricating Na/In/C Composite Anode with Natrophilic Na-In Alloy Enables Superior Na Ion Deposition in the EC/PC Electrolyte. Nano-Micro Letters, 2022, 14, 23.	14.4	11
798	Deformation banding, original grain size and recrystallisation in FCC intermediate-to-high SFE metals. Scripta Metallurgica Et Materialia, 1992, 27, 1503-1507.	1.0	10
799	A simplified criterion for deformation banding applied to deformation texture simulation. Scripta Metallurgica Et Materialia, 1995, 33, 727-733.	1.0	10
800	Bias-assisted etching of polycrystalline diamond films in hydrogen, oxygen, and argon microwave plasmas. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1999, 17, 763-767.	0.9	10
801	Vibrational structure of ultrathin 8-hydroxyquinoline aluminum films studied by high-resolution electron-energy-loss spectroscopy. Physical Review B, 1999, 60, 13291-13293.	1.1	10
802	The effect of cold rolling on the dynamic mechanical responses of SiCp/Al composites. Journal of Materials Processing Technology, 1999, 91, 215-218.	3.1	10
803	Carrier transport and high-efficiency electroluminescence properties of copolymer thin films. Thin Solid Films, 2000, 363, 173-177.	0.8	10
804	Fluorocarbon film as cathode protective coating in organic light-emitting devices. Applied Physics Letters, 2006, 88, 223503.	1.5	10
805	Surface microstructure analysis of cubic boron nitride films by transmission electron microscopy. Applied Physics Letters, 2006, 88, 031904.	1.5	10
806	Template fabrication of SiO ₂ nanotubes. Applied Physics Letters, 2007, 90, 103114.	1.5	10
807	Electron depletion and accumulation regions in n-type copper-hexadecafluoro-phthalocyanine and their effects on electronic properties. Applied Physics Letters, 2012, 100, 103302.	1.5	10
808	Effect of the casting temperature on temperature field and microstructure of A2017 alloy during an innovative continuous semisolid rolling process with a vibrating sloping plate device. International Journal of Advanced Manufacturing Technology, 2013, 67, 917-923.	1.5	10
809	Charge interaction and interfacial electronic structures in a solid-state dye-sensitized solar cell. Organic Electronics, 2013, 14, 2743-2747.	1.4	10
810	Efficient and Stable Deep-Red Phosphorescent Organic Light-Emitting Diodes Based on an Iridium Complex Containing a Benzoxazole-Substituted Ancillary Ligand. Chemistry - an Asian Journal, 2013, 8, 2575-2578.	1.7	10

#	ARTICLE	IF	CITATIONS
811	Multi-Alternating Organic Semiconducting Films with High Electric Conductivity. <i>Advanced Functional Materials</i> , 2014, 24, 5375-5379.	7.8	10
812	Indenofluorene-based-copolymers: Influence of electron-deficient benzothiadiazole (BT) and benzooxadiazole (BO) moieties on light emitting devices. <i>Organic Electronics</i> , 2019, 70, 14-24.	1.4	10
813	Revealing the role of 1,2,4-triazolate fragment of blue-emitting bis-tridentate Ir(III) phosphors: photophysical properties, photo-stabilities, and applications. <i>Materials Today Energy</i> , 2021, 20, 100636.	2.5	10
814	Oriented Silicon Carbide Nanowires: Synthesis and Field Emission Properties. , 2000, 12, 1186.		10
815	Centimeter-scale hole diffusion and its application in organic light-emitting diodes. <i>Science Advances</i> , 2022, 8, eabm1999.	4.7	10
816	Studies on the sharpness of simulated deformation textures. <i>Scripta Metallurgica Et Materialia</i> , 1993, 28, 121-126.	1.0	9
817	Characterization and Optical Investigation of Diamondlike Carbon Prepared by Electron Cyclotron Resonance Plasma. <i>Journal of Materials Research</i> , 1999, 14, 1617-1625.	1.2	9
818	Ab initio/Rice-Ramsperger-Kassel-Marcus approach to carbon nitride formation: CH ₃ NH ₂ decomposition. <i>Chemical Physics Letters</i> , 2000, 321, 101-105.	1.2	9
819	Photoemission study of a new electroluminescent material: trimer of N-arylbenzimidazoles (TPBI). <i>Displays</i> , 2000, 21, 51-54.	2.0	9
820	Improvement of interface formation between metal electrode and polymer film by polymer surface modification using ion sputtering. <i>Applied Physics Letters</i> , 2000, 77, 3191-3193.	1.5	9
821	Efficient green electroluminescence of pure chromaticity from a polycyclic aromatic hydrocarbon. <i>Journal of Materials Chemistry</i> , 2001, 11, 2244-2247.	6.7	9
822	Fracture resistance enhancement of diamond-like carbon/nitrogenated diamond-like carbon multilayer deposited by electron cyclotron resonance microwave plasma chemical vapor deposition. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2001, 19, 130-135.	0.9	9
823	Substrate dependence of thermal effect on organic light-emitting films. <i>Chemical Physics Letters</i> , 2002, 356, 194-200.	1.2	9
824	Improved luminescent efficiency of a red organic dye with modified molecular structure. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2003, 100, 59-62.	1.7	9
825	Calcium/Poly(9,9-dioctylfluorene) Interaction: A Theoretical Study. <i>Journal of Physical Chemistry B</i> , 2005, 109, 12868-12873.	1.2	9
826	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.	3.2	9
827	Slope parameters at metal-organic interfaces. <i>Applied Physics Letters</i> , 2008, 93, 093502.	1.5	9
828	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.	1.5	9

#	ARTICLE	IF	CITATIONS
829	Interfacial electronic structure of copper hexadecafluorophthalocyanine and phthalocyanatotin (IV) dichloride studied by photoemission spectroscopy. Applied Physics Letters, 2010, 96, .	1.5	9
830	Controllable growth of copper-phthalocyanine thin film on rough graphene substrate. Applied Physics Letters, 2014, 105, .	1.5	9
831	Novel bipolar host for highly efficient green, yellow, orange, red and deep-red phosphorescent organic light-emitting devices. Science China Chemistry, 2017, 60, 504-509.	4.2	9
832	A new pyrene cored small organic molecule with a flexible alkyl spacer: a potential solution processable blue emitter with bright photoluminescence. New Journal of Chemistry, 2017, 41, 11383-11390.	1.4	9
833	Chargeâ€”transfer Complexes: Deepâ€”Red/Nearâ€”Infrared Electroluminescence from Singleâ€”Component Chargeâ€”transfer Complex via Thermally Activated Delayed Fluorescence Channel (Adv. Funct. Mater.) Tj ETQq1 1 0.7843149gBT /Over	0.8	9
834	Plant-Derived Single-Molecule-Based Nanotheranostics for Photoenhanced Chemotherapy and Ferroptotic-Like Cancer Cell Death. ACS Applied Bio Materials, 2019, 2, 2643-2649.	2.3	9
835	High efficiency, high color rendering index white organic light-emitting diodes based on thermally activated delayed fluorescence materials. Applied Physics Letters, 2019, 115, .	1.5	9
836	Superwetting B4C bilayer foam for high cost-performance solar water purification. Materials Today Energy, 2020, 18, 100498.	2.5	9
837	DTX@VTX NPs synergy PD-L1 immune checkpoint nanoinhibitor to reshape immunosuppressive tumor microenvironment for enhancing chemo-immunotherapy. Journal of Materials Chemistry B, 2021, 9, 7544-7556.	2.9	9
838	Redox Photochemistry on Van Der Waals Surfaces for Reversible Doping in 2D Materials. Advanced Functional Materials, 2021, 31, 2009166.	7.8	9
839	A novel hypocrellin-based assembly for sonodynamic therapy against glioblastoma. Journal of Materials Chemistry B, 2021, 10, 57-63.	2.9	9
840	Deformation banding and formation of cube volumes in cold rolled fcc metals. Materials Science and Technology, 1994, 10, 862-868.	0.8	8
841	Epitaxial growth of β -SiC on silicon by bias-assisted hot filament chemical vapor deposition from solid graphite and silicon sources. Journal of Materials Research, 1998, 13, 1738-1740.	1.2	8
842	Characterization and optical properties of diamondlike carbon prepared by electron cyclotron resonance plasma. Journal of Materials Research, 1999, 14, 1055-1061.	1.2	8
843	Amorphous CN _x films prepared by electrochemical deposition. Materials Letters, 1999, 38, 98-102.	1.3	8
844	Growth of epitaxial β -SiC films on silicon using solid graphite and silicon sources. Diamond and Related Materials, 1999, 8, 1737-1740.	1.8	8
845	A New Series of Blue Emitting Pyrazine Derivatives for Organic Electroluminescence Devices. Physica Status Solidi A, 2001, 185, 203-211.	1.7	8
846	Negative differential resistance in scanning-tunneling spectroscopy of diamond films. Applied Physics Letters, 2002, 80, 1231-1233.	1.5	8

#	ARTICLE	IF	CITATIONS
847	Effects of rubrene mixing on the electronic structures of donor/acceptor interface in organic photovoltaic device. <i>Applied Surface Science</i> , 2011, 257, 8462-8464.	3.1	8
848	The effects of oxygen on controlling the number of carbon layers in the chemical vapor deposition of graphene on a nickel substrate. <i>Nanotechnology</i> , 2013, 24, 185603.	1.3	8
849	Suppression of Time-Dependent Donor/Acceptor Interface Degradation by Redistributing Donor Charge Density. <i>Advanced Materials Interfaces</i> , 2014, 1, 1300082.	1.9	8
850	Low temperature fabrication of formamidinium based perovskite solar cells with enhanced performance by chlorine incorporation. <i>Organic Electronics</i> , 2016, 38, 144-149.	1.4	8
851	Highly stable red-emitting polymer dots for cellular imaging. <i>Nanotechnology</i> , 2017, 28, 285102.	1.3	8
852	Electronic Level Alignment at an Indium Tin Oxide/PbI ₂ Interface and Its Applications for Organic Electronic Devices. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 8909-8916.	4.0	8
853	Efficient Yellow Thermally Activated Delayed Fluorescent Emitters Based on 3,5-Dicyanopyridine Acceptors. <i>Journal of Physical Chemistry C</i> , 2020, 124, 25489-25498.	1.5	8
854	Self-Assembly of Amphiphilic Porphyrins To Construct Nanoparticles for Highly Efficient Photodynamic Therapy. <i>Chemistry - A European Journal</i> , 2021, 27, 11195-11204.	1.7	8
855	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.	1.6	8
856	Amphiphilic Diketopyrrolopyrrole Derivatives for Efficient Near-Infrared Fluorescence Imaging and Photothermal Therapy. <i>ACS Omega</i> , 2021, 6, 26575-26582.	1.6	8
857	Trilayer organic narrowband photodetector with electrically-switchable spectral range and color sensing ability. <i>Journal of Materials Chemistry C</i> , 2021, 9, 3814-3819.	2.7	8
858	Homogeneous alloying reaction via self-assembly strategy for high-area-density dual-ion batteries. <i>Chemical Engineering Journal</i> , 2022, 449, 137708.	6.6	8
859	Nucleation Enhancement of Diamond via Electron Cyclotron Resonance Plasma. <i>Japanese Journal of Applied Physics</i> , 1999, 38, L65-L67.	0.8	7
860	Synthesis and characterization of cubic boron nitride films: substrate bias and ion flux effects. <i>Diamond and Related Materials</i> , 2001, 10, 1886-1891.	1.8	7
861	Argon ion stimulated conversion between CF _x (x = 0-3) chemical states and fluorine depletion in fluorocarbon films studied by X-ray photoelectron spectroscopy. <i>Applied Surface Science</i> , 2003, 220, 19-25.	3.1	7
862	Interface gap states of 8-hydroxyquinoline aluminum induced by cesium metal. <i>Chemical Physics Letters</i> , 2004, 392, 40-43.	1.2	7
863	Fabrication and microstructures of Si composite nanocone arrays. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2005, 202, 2479-2483.	0.8	7
864	Photovoltaic effects of diodes containing lanthanide complexes. <i>Journal of Alloys and Compounds</i> , 2005, 389, 252-255.	2.8	7

#	ARTICLE	IF	CITATIONS
865	High-performance organic red-light-emitting devices based on a greenish-yellow-light-emitting host and long-wavelength emitting dopant. <i>Applied Physics Letters</i> , 2006, 88, 183504.	1.5	7
866	Co-sputtered oxide thin film encapsulated organic electronic devices with prolonged lifetime. <i>Thin Solid Films</i> , 2011, 520, 1131-1135.	0.8	7
867	Construction and Evaluation of High-Quality n-ZnO Nanorod/p-Diamond Heterojunctions. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 4560-4563.	0.9	7
868	Improved efficiency and stability of organic photovoltaic device using UV-ozone treated ZnO anode buffer. <i>RSC Advances</i> , 2015, 5, 77071-77074.	1.7	7
869	Self-assembly of metal-organic frameworks and graphene oxide as precursors for lithium-ion battery applications. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	0.8	7
870	Design of Efficient Exciplex Emitters by Decreasing the Energy Gap Between the Local Excited Triplet (3LE) State of the Acceptor and the Charge Transfer (CT) States of the Exciplex. <i>Frontiers in Chemistry</i> , 2019, 7, 188.	1.8	7
871	Single molecular nanomedicine with NIR light-initiated superoxide radical, singlet oxygen and thermal generation for hypoxia-overcoming cancer therapy. <i>Nanoscale</i> , 2021, 13, 8012-8016.	2.8	7
872	Performance optimization of organic electroluminescent devices. , 1999, , .		7
873	Efficient Pyrazolo[5,4-f]quinoxaline Functionalized Os(II) Based Emitter with an Electroluminescence Peak Maximum at 811 nm. <i>Chemistry - A European Journal</i> , 2022, 28, e202103202.	1.7	7
874	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.	6.6	7
875	Nearly 100% exciton utilization in highly efficient red OLEDs based on dibenzothioxanthone acceptor. <i>Chinese Chemical Letters</i> , 2022, 33, 4645-4648.	4.8	7
876	Thermally activated delayed fluorescence materials for nondoped organic light-emitting diodes with nearly 100% exciton harvest. <i>SmartMat</i> , 2023, 4, .	6.4	7
877	Deformation banding in copper. <i>Philosophical Magazine Letters</i> , 1993, 68, 185-190.	0.5	6
878	The dependence of tensile behaviour of L12 compound Al ₆ Ti ₂₅ Mn ₈ on the strain rate at 1173 K. <i>Scripta Materialia</i> , 1997, 37, 645-650.	2.6	6
879	Mechanical Properties and Textures of Particulate-reinforced Aluminum Alloy Matrix Composite Under Hot- and Cold-Rolling Conditions. <i>Textures and Microstructures</i> , 1998, 31, 43-52.	0.2	6
880	The effect of ion bombardment on the nucleation of CVD diamond. <i>Diamond and Related Materials</i> , 1999, 8, 1414-1417.	1.8	6
881	A thermodynamic and kinetic study of the formation of C ₂₀ compounds encapsulating H, He and Ne atoms. <i>Theoretical Chemistry Accounts</i> , 2003, 109, 278-283.	0.5	6
882	Geometric and Excited-State Properties of 1,4-Bis(benzothiazolylvinyl)benzene Interacting with 2,2'-(1,3,5-phenylene)tris[1-phenyl-1H-benzimidazole] Studied by a Density-Functional Tight-Binding Method. <i>Journal of Physical Chemistry B</i> , 2006, 110, 20847-20851.	1.2	6

#	ARTICLE	IF	CITATIONS
883	Performance enhancement of organic light-emitting diode by heat treatment. <i>Journal of Crystal Growth</i> , 2006, 288, 110-114.	0.7	6
884	Self-assembly of ZnO/SiO ₂ hierarchical nanostructures array on metal substrate. <i>Chemical Communications</i> , 2009, , 5916.	2.2	6
885	Up-conversion luminescence of crystalline rubrene without any sensitizers. <i>Organic Electronics</i> , 2010, 11, 946-950.	1.4	6
886	Electron transport mechanisms in individual cobalt-doped ZnO nanorods. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	6
887	The structural and optical properties of a single ZnO comb and an individual nail-like tooth. <i>CrystEngComm</i> , 2013, 15, 10604.	1.3	6
888	Enhanced performances in inverted small molecule solar cells by Ag nanoparticles. <i>Optics Express</i> , 2014, 22, A1669.	1.7	6
889	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.	1.4	6
890	Evidence on Enhanced Exciton Polarizability in Donor/Acceptor Bulk Heterojunction Organic Photovoltaics. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 7256-7262.	4.0	6
891	Al ₂ O ₃ buffer-facilitated epitaxial growth of high-quality ZnO/ZnS core/shell nanorod arrays. <i>Nanoscale</i> , 2021, 13, 11525-11533.	2.8	6
892	A sterically shielded design on anthracene-based emitters for efficient deep-blue organic light-emitting diodes. <i>Journal of Molecular Structure</i> , 2021, 1232, 130035.	1.8	6
893	Enhancing the Performance of Perovskite Light-Emitting Diodes by Humidity Treatment. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 19774-19784.	4.0	6
894	Failure Mechanisms of a SiC Particles/2024Al Composite under Dynamic Loading. <i>Physica Status Solidi A</i> , 1998, 169, 49-55.	1.7	5
895	Nucleation of diamond films by ECR-enhanced microwave plasma chemical vapor deposition. <i>Diamond and Related Materials</i> , 1999, 8, 1410-1413.	1.8	5
896	Microcrystalline diamond films by direct ion beam deposition. <i>Diamond and Related Materials</i> , 2000, 9, 872-876.	1.8	5
897	Dispersion, refinement, and manipulation of single silicon nanowires. <i>Applied Physics Letters</i> , 2002, 80, 1812-1814.	1.5	5
898	Photoemission study of interface formation between ytterbium and tris-(8-hydroxyquinoline) aluminum. <i>Chemical Physics Letters</i> , 2003, 380, 63-69.	1.2	5
899	Photoemission and vibrational studies of metal/organic interfaces modified by plasma-polymerized fluorocarbon films. <i>Applied Surface Science</i> , 2004, 239, 117-124.	3.1	5
900	Copper-Airbridged Low-Noise GaAs PHEMT With $\text{Ti}/\text{W}_x\text{N}_x/\text{Ti}$ Diffusion Barrier for High-Frequency Applications. <i>IEEE Transactions on Electron Devices</i> , 2006, 53, 1753-1758.	1.6	5

#	ARTICLE	IF	CITATIONS
901	Electronegativity equalization model for interface barrier formation at reactive metal/organic contacts. <i>Applied Physics Letters</i> , 2009, 95, 173303.	1.5	5
902	Synthesis of Hollow Silica Spheres with Hierarchical Shell Structure by the Dual Action of Liquid Indium Microbeads in Vaporâ€“Liquidâ€“Solid Growth. <i>Langmuir</i> , 2011, 27, 7996-7999.	1.6	5
903	A silicon/zinc 2,9,16,23-tetraaminophthalocyanine coaxial coreâ€“shell nanowire array as an efficient solar hydrogen generation photocatalyst. <i>Nanotechnology</i> , 2012, 23, 175401.	1.3	5
904	Charge-Transfer Complexes: Charge-Transfer Complexes and Their Role in Exciplex Emission and Near-Infrared Photovoltaics (<i>Adv. Mater.</i> 31/2014). <i>Advanced Materials</i> , 2014, 26, 5226-5226.	11.1	5
905	Effects of graphene defect on electronic structures of its interface with organic semiconductor. <i>Applied Physics Letters</i> , 2015, 106, .	1.5	5
906	Effects of idling time between depositions of organic layers and metal electrode in organic photovoltaic device. <i>Organic Electronics</i> , 2015, 26, 99-103.	1.4	5
907	Formation of crystalline diamond by ion beam deposition. <i>Journal of Non-Crystalline Solids</i> , 1999, 254, 174-179.	1.5	4
908	Properties of 4-dicyanomethylene-2-methyl-6-(p-dimethyl-aminostyryl)-4H-pyran-doped Alq layers as optically pumped lasers. <i>Applied Physics Letters</i> , 2003, 83, 1295-1297.	1.5	4
909	Field Electron Emission of ZnO Nanowire Pyramidal Bundle Arrays. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 2360-2365.	0.9	4
910	Alignment of charge-transfer complexes for molecular devices. <i>Journal of Materials Chemistry</i> , 2010, 20, 434-438.	6.7	4
911	Lowâ€“Cost Solar Cell Based on a Composite of Silicon Nanowires and a Highly Conductive Nonphotoactive Polymer. <i>Chemistry - A European Journal</i> , 2013, 19, 17273-17276.	1.7	4
912	Î²-Phase transformation and energy transfer induced photoluminescence modulation of fluorene based copolymer mono-dispersive nanoparticles. <i>RSC Advances</i> , 2013, 3, 23704.	1.7	4
913	Transmission optimization of multilayer OLED encapsulation based on spectroscopic ellipsometry. <i>Thin Solid Films</i> , 2013, 549, 22-29.	0.8	4
914	Effects of dynamic recrystallisation during deep rolling of semisolid slab and heat treatment on microstructure and properties of AZ31 alloy. <i>Materials Science and Technology</i> , 2014, 30, 309-315.	0.8	4
915	Graphene-enhanced intermolecular interaction at interface between copper- and cobalt-phthalocyanines. <i>Journal of Chemical Physics</i> , 2015, 143, 134706.	1.2	4
916	Hydrophilic poly-ether side-chained benzodithiophene-based homopolymer for solar cells and field-effect transistors. <i>Journal of Materials Science</i> , 2015, 50, 2263-2271.	1.7	4
917	Degradation of interface between boron subphthalocyanine chloride and fullerene. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015, 204, 223-226.	0.8	4
918	A Family of Small Molecular Materials Enabling Consistently Lower Recombination Losses in Organic Photovoltaic Devices. <i>Solar Rrl</i> , 2020, 4, 2000245.	3.1	4

#	ARTICLE	IF	CITATIONS
919	Organic-Inorganic Charge Transfer Complex with Charge Modulation after Electrical Pre-biasing. ACS Applied Materials & Interfaces, 2020, 12, 37384-37390.	4.0	4
920	Mechanical origin of martensite-like structures in two-dimensional ReS ₂ . Communications Materials, 2021, 2, .	2.9	4
921	Chemical analysis and identification the fluorophores of photoluminescent carbon dots beyond infrared and X-ray photoelectron energy spectra. Dyes and Pigments, 2021, 195, 109750.	2.0	4
922	Co-assembled Monolayers as Hole-Selective Contact for High-Performance Inverted Perovskite Solar Cells with Optimized Recombination Loss and Long-Term Stability. Angewandte Chemie, 2022, 134, .	1.6	4
923	Proton Irradiation-induced Disordering Reactions, Ductility and Strengthening of Ni ₃ Al. Materials Research Society Symposia Proceedings, 1988, 133, 499.	0.1	3
924	High temperature compression of Ti ₃ AlNbVMo alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1996, 215, 143-149.	2.6	3
925	Silicon cylinder grown on the surface of a silicon wafer. Journal of Crystal Growth, 1997, 182, 337-340.	0.7	3
926	Influence of external constraint on deformation banding of copper single crystals of {110} <uvw> orientations. Scripta Materialia, 1998, 40, 197-202.	2.6	3
927	The effect of rolling geometry on the distribution of deformed cube structure and its recrystallisation kinetics. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1998, 257, 198-203.	2.6	3
928	Silicon Nanowire: a New Shape of Crystalline Silicon. Materials Research Society Symposia Proceedings, 1998, 507, 993.	0.1	3
929	Title is missing!. Journal of Materials Science Letters, 1999, 18, 533-535.	0.5	3
930	Reddish Organic Light Electroluminescent Device with DPP Emitting Layer. Physica Status Solidi A, 1999, 173, 491-494.	1.7	3
931	Mechanistic study of ion-induced diamond nucleation. Diamond and Related Materials, 1999, 8, 48-51.	1.8	3
932	51.2: Invited Paper : Stability Study of Poly (9,9-Diethylfluorene) Film Using Photoelectron Spectroscopy. Digest of Technical Papers SID International Symposium, 2000, 31, 1167-1169.	0.1	3
933	The Effects of Hydrogen Etching on Different Carbon and Boron Nitride Phases. Chemical Vapor Deposition, 2000, 6, 227-230.	1.4	3
934	DIAMOND GROWN ON STEEL VIA IN-SITU FORMED INTERLAYERS. International Journal of Modern Physics B, 2002, 16, 881-886.	1.0	3
935	Photoluminescence and electroluminescence of 3-methyl-8-dimethylaminophenazine. Synthetic Metals, 2006, 156, 185-189.	2.1	3
936	Large-scale synthesis of Ga ₂ O ₃ nanoribbons by a two-step gas flow control. Superlattices and Microstructures, 2009, 46, 585-592.	1.4	3

#	ARTICLE	IF	CITATIONS
937	UV irradiation induced switching of surface charge polarity on pyrene modified Si nanowires. Applied Physics Letters, 2011, 98, 253101.	1.5	3
938	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. Israel Journal of Chemistry, 2014, 54, 952-957.	1.0	3
939	Annealing-induced phase separation in small-molecular bulk heterojunctions. Organic Electronics, 2014, 15, 2810-2816.	1.4	3
940	Si nanowire directly grown on a liquid metal substrate towards wafer scale transferable nanowire arrays with improved visible-light sterilization. Nanotechnology, 2014, 25, 145601.	1.3	3
941	Charge transport dependent high open circuit voltage tandem organic photovoltaic cells with low temperature deposited HATCN-based charge recombination layers. Physical Chemistry Chemical Physics, 2016, 18, 4045-4050.	1.3	3
942	A redox-controlled electrolyte for plasmonic enhanced dye-sensitized solar cells. Nanoscale, 2017, 9, 10940-10947.	2.8	3
943	Single-Component Oligomer Nanoparticle-Based Size-Dependent Dual-Emission Modulation. Journal of Physical Chemistry C, 2018, 122, 4199-4205.	1.5	3
944	Perovskite Light-Emitting Diodes: Efficient CsPbBr ₃ Perovskite Light-Emitting Diodes Enabled by Synergetic Morphology Control (Advanced Optical Materials 4/2019). Advanced Optical Materials, 2019, 7, 1970014.	3.6	3
945	Batteries: Electrochemically Stable Sodium Metal-Tellurium/Carbon Nanorods Batteries (Adv. Energy) Tj ETQq1 1 0.784314 3gBT /Ow 10.2	10.2	3
946	Charge transport properties of co-evaporated organic-inorganic thin film charge transfer complexes: effects of intermolecular interactions. Journal of Materials Chemistry C, 2020, 8, 16725-16729.	2.7	3
947	Ultrasound-Enhanced Self-Exciting Photodynamic Therapy Based on Hypocrellin B. Chemistry - an Asian Journal, 2021, 16, 1221-1224.	1.7	3
948	Red Fluorescent Organic Light-Emitting Diodes with Low-Efficiency Roll-Off. Energy & Fuels, 0, , .	2.5	3
949	Probing Electron Excitation Characters of Carboline-Based Bis-Tridentate Ir(III) Complexes. Molecules, 2021, 26, 6048.	1.7	3
950	Stepwise Access of Emissive Ir(III) Complexes Bearing a Multi-Dentate Heteroaromatic Chelate: Fundamentals and Applications. Inorganic Chemistry, 2022, 61, 4384-4393.	1.9	3
951	Vapor phase epitaxy of PbS single-crystal films on water-soluble substrates and application to photodetectors. Nano Research, 2022, 15, 5402-5409.	5.8	3
952	TEM Observations of Superlattice Intrinsic Stacking Faults in Polycrystalline Ni _{74.5} Pd ₂ Al _{23.5} . Physica Status Solidi A, 1996, 158, 369-376.	1.7	2
953	Deformation microstructure of Ni ₃ Al intermetallic compound macroalloyed with Pd. Materials Letters, 1997, 31, 1-4.	1.3	2
954	The antiphase boundary energies of L12 ordered Ni _{74.5} Pd ₂ Al _{23.5} alloy. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 1997, 28, 1093-1095.	1.1	2

#	ARTICLE	IF	CITATIONS
955	Laser Ablation Behavior of a Granulated Si Target. <i>Journal of Materials Science Letters</i> , 1999, 18, 123-125.	0.5	2
956	Sample refinement and manipulation of silicon nanowires. <i>Materials Characterization</i> , 2002, 48, 177-181.	1.9	2
957	Electron mobility of rare earth complexes measured by transient electroluminescence method. <i>Solid-State Electronics</i> , 2006, 50, 1584-1587.	0.8	2
958	Artificial neural network modeling of phase volume fraction of Ti alloy under isothermal and non-isothermal hot forging conditions. <i>Journal of Mechanical Science and Technology</i> , 2007, 21, 1560-1565.	0.7	2
959	Synthesis and characterization of GaP nanochains with a twin-modulated quasi-periodic structure. <i>Superlattices and Microstructures</i> , 2008, 44, 208-215.	1.4	2
960	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 ETQq0 0 0 rgBTz/Overlock	11.0	2
961	Microstructure evolution during novel rheorolling process for producing A356 alloy strip. <i>Materials Science and Technology</i> , 2013, 29, 587-593.	0.8	2
962	Application of Charge Transfer Complexes in Organic Optoelectronic Devices. , 2014, , .		2
963	Effects of deformation parameters on formation of pro-eutectoid cementite in hypereutectoid steels. <i>Journal of Central South University</i> , 2014, 21, 1256-1263.	1.2	2
964	Solar Cells: Surface Engineering of ZnO Nanostructures for Semiconductor-Sensitized Solar Cells (Adv. Mater. 31/2014). <i>Advanced Materials</i> , 2014, 26, 5575-5575.	11.1	2
965	Energy Transfer: Nearly 100% Triplet Harvesting in Conventional Fluorescent Dopant-Based Organic Light-Emitting Devices Through Energy Transfer from Exciplex (Adv. Mater. 12/2015). <i>Advanced Materials</i> , 2015, 27, 2024-2024.	11.1	2
966	Energy Storage: A Dual-Ion Battery Constructed with Aluminum Foil Anode and Mesocarbon Microbead Cathode via an Alloying/Intercalation Process in an Ionic Liquid Electrolyte (Adv. Mater.) Tj ETQq0 0 0 rgBTz/Overlock 10 Tf 50	11.0	2
967	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.	7.8	2
968	Perovskite Solar Cells: Enhanced Light Harvesting in Perovskite Solar Cells by a Bioinspired Nanostructured Back Electrode (Adv. Energy Mater. 20/2017). <i>Advanced Energy Materials</i> , 2017, 7, .	10.2	2
969	Charge Energetics and Electronic Level Changes At the Copper(II) Phthalocyanine/Fullerene Junction Upon Photoexcitation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 42992-42996.	4.0	2
970	Mechanisms of sodiation in anatase TiO ₂ in terms of equilibrium thermodynamics and kinetics. <i>Nanoscale Advances</i> , 2021, 3, 4702-4713.	2.2	2
971	A mechanical model for embrittlement of polycrystalline Ni ₃ Al. <i>Scripta Materialia</i> , 1998, 38, 653-659.	2.6	1
972	The Effect of Particle Size on the Failure Mechanism of SiC/2024Al Composites. <i>Physica Status Solidi A</i> , 1998, 169, R3-R4.	1.7	1

#	ARTICLE	IF	CITATIONS
973	Influence of Minority Carrier Mobility on Organic Electroluminescent Device Characteristics. Digest of Technical Papers SID International Symposium, 1999, 30, 568.	0.1	1
974	Response to "Comment on "Organic electroluminescent devices by high-temperature processing and crystalline hole transporting layer" [Appl. Phys. Lett. 77, 3113 (2000)]. Applied Physics Letters, 2000, 77, 3115-3115.	1.5	1
975	Epitaxial growth of β -SiC on Si (100) by low energy ion beam deposition. Diamond and Related Materials, 2001, 10, 1927-1931.	1.8	1
976	Interfaces between poly(9,9-dioctylfluorene) and alkali metals as affected by molecular weight and oxygen. , 2002, 4464, 232.		1
977	HREELS study on the interaction of MgF ₂ with tris(8-hydroxy-quinoline) aluminum. Chemical Physics Letters, 2003, 374, 119-124.	1.2	1
978	Lifetime improvement of organic light-emitting diodes using silicon oxy-nitride as anode modifier. Thin Solid Films, 2008, 516, 8195-8198.	0.8	1
979	Grafting Branches and Diameter Adjustment to Nanotubes. Chemistry of Materials, 2008, 20, 3740-3744.	3.2	1
980	COLOR TUNABLE ELECTROLUMINESCENCE FROM ORGANIC LIGHT-EMITTING DEVICES BY MANIPULATING EXCITON AND EXCIPLEX EMISSIONS. Journal of Nonlinear Optical Physics and Materials, 2010, 19, 603-611.	1.1	1
981	Mono-Disperse Silver Quantum Dots Modified Formvar Film. Journal of Nanoscience and Nanotechnology, 2011, 11, 7937-7939.	0.9	1
982	Diameter- and Shape-Controlled ZnS/Si Nanocables and Si Nanotubes for SERS and Photocatalytic Applications. Journal of Nanomaterials, 2011, 2011, 1-8.	1.5	1
983	Nanocomposite: Poly(3-hexylthiophene)/Gold Nanoparticle Hybrid System with an Enhanced Photoresponse for Light-Controlled Electronic Devices (Part. Part. Syst. Charact. 7/2013). Particle and Particle Systems Characterization, 2013, 30, 646-646.	1.2	1
984	Conductivity: Multi-Alternating Organic Semiconducting Films with High Electric Conductivity (Adv.) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 5	7.8	1
985	Organic Heterojunctions: Electronic Structures and Photoconversion Mechanism in Perovskite/Fullerene Heterojunctions (Adv. Funct. Mater. 8/2015). Advanced Functional Materials, 2015, 25, 1162-1162.	7.8	1
986	Understanding Non-Twinning Zigzag Nanowire Formation for New Nanoscale Devices. ACS Applied Nano Materials, 2019, 2, 673-677.	2.4	1
987	Recent Progress on Carbon Nitride and Its Hybrid Photocatalysts for CO ₂ Reduction. Solar Rrl, 2021, 5, 2170022.	3.1	1
988	Unveiling the Critical Intermediate Stages During Chemical Vapor Deposition of Two-Dimensional Rhenium Diselenide. Chemistry of Materials, 2021, 33, 7039-7046.	3.2	1
989	Solution-Processed Donor-Acceptor Polymer Nanowire Network Semiconductors For High-Performance Field-Effect Transistors. , 0, .		1
990	A Catastrophic Yield Theory of Shear Band Formation in β -Brass. Textures and Microstructures, 1991, 14, 965-970.	0.2	0

#	ARTICLE	IF	CITATIONS
991	Excimer Laser Ablation of Silicon at High Temperature. Materials Research Society Symposia Proceedings, 1998, 526, 39.	0.1	0
992	A new nucleation method by electron cyclotron resonance enhanced microwave plasma chemical vapor deposition for deposition of (001)-oriented diamond films. Journal of Chemical Physics, 1999, 110, 4616-4618.	1.2	0
993	Composite Nanowires from Ion Beam Modification of Si Nanowires. Materials Research Society Symposia Proceedings, 1999, 581, 235.	0.1	0
994	Influence of external constraint on deformation behaviour of copper single crystals with {112}<111> orientation. Scripta Materialia, 2000, 43, 253-258.	2.6	0
995	New iridium derivatives with good electrophosphorescence properties. , 2001, 4416, 466.		0
996	17.1: Invited Paper: Carrier Injection Barrier Formation at Metal/Organic Interfaces. Digest of Technical Papers SID International Symposium, 2006, 37, 1095.	0.1	0
997	Characterization of the interface heat transfer coefficient during non-isothermal bulk forming of Ti-6Al-4 V alloy. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2011, 225, 1703-1712.	1.5	0
998	<i>In-Situ</i> Phosphorous Doping in ZnTe Nanowires with Enhanced p-type Conductivity. Journal of Nanoscience and Nanotechnology, 2012, 12, 2353-2359.	0.9	0
999	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.	11.1	0
1000	Molybdenum Oxides: Wide-Spectral Photoresponse of Black Molybdenum Oxide Photodetector via Sub-Bandgap Electronic Transition (Advanced Optical Materials 10/2013). Advanced Optical Materials, 2013, 1, 778-778.	3.6	0
1001	Astrophysics studies relevant to stellar x-ray bursts. , 2014, , .		0
1002	Organic Photovoltaics: Suppression of Time-Dependent Donor/Acceptor Interface Degradation by Redistributing Donor Charge Density (Adv. Mater. Interfaces 3/2014). Advanced Materials Interfaces, 2014, 1, n/a-n/a.	1.9	0
1003	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.	11.1	0
1004	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.	11.1	0
1005	Organic Photovoltaics: On the Study of Exciton Binding Energy with Direct Charge Generation in Photovoltaic Polymers (Adv. Electron. Mater. 11/2016). Advanced Electronic Materials, 2016, 2, .	2.6	0
1006	Chemical Sensing: Incorporating Copper Nanoclusters into Metal-Organic Frameworks: Confinement-Assisted Emission Enhancement and Application for Trinitrotoluene Detection (Part.) Tj ETQq0 0 0 rgt /Overlock 10 Tf 5		0
1007	Organic Photovoltaics: Direct Free Carrier Photogeneration in Single Layer and Stacked Organic Photovoltaic Devices (Adv. Mater. 22/2017). Advanced Materials, 2017, 29, .	11.1	0
1008	A Lead Iodide Perovskite Based on a Large Organic Cation for Solar Cell Applications. Angewandte Chemie, 2018, 130, 10089-10092.	1.6	0

#	ARTICLE	IF	CITATIONS
1009	Titelbild: Red/Near-Infrared Thermally Activated Delayed Fluorescence OLEDs with Near 100% Internal Quantum Efficiency (Angew. Chem. 41/2019). Angewandte Chemie, 2019, 131, 14529-14529.	1.6	0
1010	Confocal Visible/NIR Photoacoustic Microscopy of Early-stage Tumor with Structural, Functional and Nanoprobe Contrasts. , 2021, , .		0
1011	Interfaces in Organic Electronic Devices—New Insights to Traditional Concepts. , 2009, , 181-210.		0
1012	Implications of Interfacial Electronics to Performance of Organic Photovoltaic Devices. Green Energy and Technology, 2010, , 169-197.	0.4	0
1013	The formation of cube volumes in cold rolled fcc metals. European Physical Journal Special Topics, 1993, 03, C7-2043-C7-2046.	0.2	0
1014	Deformation banding and its influence on deformation textures formation. European Physical Journal Special Topics, 1993, 03, C7-2027-C7-2032.	0.2	0
1015	Sensitized Fluorescence Organic Light-Emitting Diodes with Reduced Efficiency Roll-off. Organic Materials, 0, 3, .	1.0	0
1016	Near-Infrared Thermally Activated Delayed Fluorescence Nanoparticle: A Metal-Free Photosensitizer for Two-Photon-Activated Photodynamic Therapy at the Cell and Small Animal Levels (Small 6/2022). Small, 2022, 18, .	5.2	0
1017	Perovskite-derived structure modulation in the iron sulfate family. Chemical Communications, 2022, 58, 7074-7077.	2.2	0