

Bingshe Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3570337/publications.pdf>

Version: 2024-02-01

146
papers

2,753
citations

201674

27
h-index

254184

43
g-index

148
all docs

148
docs citations

148
times ranked

4119
citing authors

#	ARTICLE	IF	CITATIONS
1	High-efficiency/CRI/color stability warm white organic light-emitting diodes by incorporating ultrathin phosphorescence layers in a blue fluorescence layer. <i>Nanophotonics</i> , 2018, 7, 295-304.	6.0	128
2	In Situ Synthesis of Iron/Nickel Sulfide Nanostructures-Filled Carbon Nanotubes and Their Electromagnetic and Microwave-Absorbing Properties. <i>Journal of Physical Chemistry C</i> , 2011, 115, 1838-1842.	3.1	95
3	Microwave-assisted hydrothermal synthesis of solid-state carbon dots with intensive emission for white light-emitting devices. <i>Journal of Materials Chemistry C</i> , 2017, 5, 8105-8111.	5.5	94
4	Electronic Structure Tuning of 2D Metal (Hydr)oxides Nanosheets for Electrocatalysis. <i>Small</i> , 2021, 17, e2002240.	10.0	90
5	In Situ TEM Observation of the Electrochemical Process of Individual CeO ₂ /Graphene Anode for Lithium Ion Battery. <i>Journal of Physical Chemistry C</i> , 2013, 117, 4292-4298.	3.1	89
6	Synthesis of short-chain passivated carbon quantum dots as the light emitting layer towards electroluminescence. <i>RSC Advances</i> , 2017, 7, 28754-28762.	3.6	77
7	N, B-Codoping Induces High-Efficiency Solid-State Fluorescence and Dual Emission of Yellow/Orange Carbon Dots. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 2224-2236.	6.7	76
8	A C@TiO ₂ shell heterostructure for synchronous photothermal photocatalytic degradation of organic pollutants. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1025-1040.	5.5	71
9	Oxygen functional groups improve the energy storage performances of graphene electrochemical supercapacitors. <i>RSC Advances</i> , 2018, 8, 2858-2865.	3.6	68
10	Accelerated formation and improved performance of CH ₃ NH ₃ PbI ₃ -based perovskite solar cells via solvent coordination and anti-solvent extraction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 4190-4198.	10.3	65
11	Fabrication of Fe/Fe ₃ C-functionalized carbon nanotubes and their electromagnetic and microwave absorbing properties. <i>Applied Physics A: Materials Science and Processing</i> , 2012, 106, 59-65.	2.3	61
12	An Efficient Synthesis and Photoelectric Properties of Green Carbon Quantum Dots with High Fluorescent Quantum Yield. <i>Nanomaterials</i> , 2020, 10, 82.	4.1	50
13	Precise manipulation of the carrier recombination zone: a universal novel device structure for highly efficient monochrome and white phosphorescent organic light-emitting diodes with extremely small efficiency roll-off. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8122-8134.	5.5	49
14	Bipolar hosts and non-doped deep-blue emitters (CIE _y = 0.04) based on phenylcarbazole and 2-(2-phenyl-2H-1,2,4-triazol-3-yl)pyridine groups. <i>Journal of Materials Chemistry C</i> , 2017, 5, 4455-4462.	5.5	46
15	Recent Advances in Non-Precious Transition Metal/Nitrogen-doped Carbon for Oxygen Reduction Electrocatalysts in PEMFCs. <i>Catalysts</i> , 2020, 10, 141.	3.5	46
16	Fe-doping induced localized amorphization in ultrathin Ni(OH) ₂ nanomesh for superior oxygen evolution reaction catalysis. <i>Journal of Materials Chemistry A</i> , 2021, 9, 14372-14380.	10.3	44
17	New Synthetic Route and Characterization of Magnesium Borate Nanorods. <i>Crystal Growth and Design</i> , 2008, 8, 1218-1222.	3.0	40
18	Energy transfer in polyfluorene copolymer used for white-light organic light emitting device. <i>Organic Electronics</i> , 2013, 14, 827-838.	2.6	40

#	ARTICLE	IF	CITATIONS
19	Triphenylamine/benzothiadiazole-based compounds for non-doped orange and red fluorescent OLEDs with high efficiencies and low efficiency roll-off. <i>Journal of Materials Chemistry C</i> , 2021, 9, 4921-4926.	5.5	40
20	Hard carbon derived from waste tea biomass as high-performance anode material for sodium-ion batteries. <i>Ionics</i> , 2020, 26, 5535-5542.	2.4	39
21	Magnetic thermosensitive core/shell microspheres: synthesis, characterization and performance in hyperthermia and drug delivery. <i>RSC Advances</i> , 2014, 4, 46806-46812.	3.6	35
22	Deep-blue fluorescent emitter based on a 9,9-dioctylfluorene bridge with a hybridized local and charge-transfer excited state for organic light-emitting devices with EQE exceeding 8%. <i>Journal of Materials Chemistry C</i> , 2020, 8, 14117-14124.	5.5	34
23	Cobalt Sulfide Confined in N-Doped Porous Branched Carbon Nanotubes for Lithium-Ion Batteries. <i>Nano-Micro Letters</i> , 2019, 11, 29.	27.0	33
24	Combining emissions of hole- and electron-transporting layers simultaneously for simple blue and white organic light-emitting diodes with superior device performance. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1853-1862.	5.5	32
25	Highly efficient chlorine functionalized blue iridium(III) phosphors for blue and white phosphorescent organic light-emitting diodes with the external quantum efficiency exceeding 20%. <i>Journal of Materials Chemistry C</i> , 2018, 6, 6656-6665.	5.5	32
26	A novel white-light-emitting conjugated polymer derived from polyfluorene with a hyperbranched structure. <i>New Journal of Chemistry</i> , 2015, 39, 5180-5188.	2.8	31
27	First Principle Calculations of the Electronic Properties of the Fullerene Derivative as an Electron Acceptor in Organic Solar Cells. <i>Journal of Physical Chemistry C</i> , 2008, 112, 19158-19161.	3.1	30
28	High efficiency and low roll-off green OLEDs with simple structure by utilizing thermally activated delayed fluorescence material as the universal host. <i>Nanophotonics</i> , 2017, 6, 1133-1140.	6.0	28
29	Surface molecularly imprinted polymers grafted on ordered mesoporous carbon nanospheres for fuel desulfurization. <i>RSC Advances</i> , 2016, 6, 12504-12513.	3.6	27
30	High-yield production of stable antimonene quantum sheets for highly efficient organic photovoltaics. <i>Journal of Materials Chemistry A</i> , 2018, 6, 23773-23779.	10.3	26
31	Synthesis of nano onion-like fullerenes by chemical vapor deposition using an iron catalyst supported on sodium chloride. <i>Journal of Nanoparticle Research</i> , 2011, 13, 1979-1986.	1.9	25
32	Preparation and characterization of SiC@CNT coaxial nanocables using CNTs as a template. <i>CrystEngComm</i> , 2014, 16, 9697-9703.	2.6	25
33	Novel blue fluorescent emitters structured by linking triphenylamine and anthracene derivatives for organic light-emitting devices with EQE exceeding 5%. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10810-10817.	5.5	25
34	p-Cu ₂ O/n-ZnO heterojunction fabricated by hydrothermal method. <i>Applied Physics A: Materials Science and Processing</i> , 2012, 109, 751-756.	2.3	23
35	The evolution of a GaN/sapphire interface with different nucleation layer thickness during two-step growth and its influence on the bulk GaN crystal quality. <i>RSC Advances</i> , 2015, 5, 51201-51207.	3.6	23
36	Low turn-on voltage and low roll-off rare earth europium complex-based organic light-emitting diodes with exciplex as the host. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12182-12188.	5.5	23

#	ARTICLE	IF	CITATIONS
37	A new strategy for structuring white organic light-emitting diodes by combining complementary emissions in the same interface. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2772-2779.	5.5	23
38	Tandem white organic light-emitting diodes stacked with two symmetrical emitting units simultaneously achieving superior efficiency/CRI/color stability. <i>Nanophotonics</i> , 2019, 8, 1783-1794.	6.0	22
39	Preparation of polymorphic ZnO with strong orange luminescence. <i>Journal of Materials Science</i> , 2010, 45, 1464-1468.	3.7	21
40	Understanding the Growth Mechanism of GaN Epitaxial Layers on Mechanically Exfoliated Graphite. <i>Nanoscale Research Letters</i> , 2018, 13, 130.	5.7	21
41	Growth and characterization of flower-like Ag/ZnO heterostructure composites with enhanced photocatalytic performance. <i>Journal of Materials Science</i> , 2014, 49, 2347-2354.	3.7	20
42	Tunable white light emission of Eu,Tb,Zn-containing copolymers by RAFT polymerization. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9933-9941.	5.5	20
43	Effect of hydrogen treatment temperature on the properties of InGaN/GaN multiple quantum wells. <i>Nanoscale Research Letters</i> , 2017, 12, 321.	5.7	20
44	Simultaneous performance and stability improvement of polymer:fullerene solar cells by doping with piperazine. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7099-7108.	10.3	20
45	Molecularly imprinted polymers on the surface of porous carbon microspheres for capturing dibenzothiophene. <i>Mikrochimica Acta</i> , 2016, 183, 1153-1160.	5.0	19
46	A Low-Temperature Solution-Processed CuSCN/Polymer Hole Transporting Layer Enables High Efficiency for Organic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 46373-46380.	8.0	19
47	Synthesis of magnesium hydroxide nanoneedles and short nanorods on polymer dispersant template. <i>Journal of Materials Research</i> , 2007, 22, 2544-2549.	2.6	18
48	GaN epitaxial layers grown on multilayer graphene by MOCVD. <i>AIP Advances</i> , 2018, 8, .	1.3	18
49	A nitrogen-doped 3D open-structured graphite nanofiber matrix for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 14065-14068.	10.3	18
50	Fe-encapsulating carbon nano onionlike fullerenes from heavy oil residue. <i>Journal of Materials Research</i> , 2008, 23, 1393-1397.	2.6	17
51	Synthesis of nano onion-like fullerenes by using Fe/Al ₂ O ₃ as catalyst by chemical vapor deposition. <i>Science Bulletin</i> , 2009, 54, 137-141.	1.7	17
52	Achieving High-Performance Blue GaN-Based Light-Emitting Diodes by Energy Band Modification on Al_xIn_yGa_{1-x-y} Electron Blocking Layer. <i>IEEE Transactions on Electron Devices</i> , 2017, 64, 472-480.		
53	Non-phosphor-doped fluorescent/phosphorescent hybrid white organic light-emitting diodes with a sandwiched blue emitting layer for simultaneously achieving superior device efficiency and color quality. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9811-9820.	5.5	17
54	Low-temperature direct synthesis of perovskite nanocrystals in water and their application in light-emitting diodes. <i>Nanoscale</i> , 2020, 12, 6522-6528.	5.6	17

#	ARTICLE	IF	CITATIONS
55	A Novel Approach to Enhance Bone Regeneration by Controlling the Polarity of GaN/AlGaIn Heterostructures. <i>Advanced Functional Materials</i> , 2021, 31, 2007487.	14.9	17
56	Efficient tandem organic light-emitting device based on photovoltaic-type connector with positive cycle. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	16
57	Simplified phosphorescent organic light-emitting devices using heavy doping with an Ir complex as an emitter. <i>RSC Advances</i> , 2015, 5, 4261-4265.	3.6	16
58	A novel synthesis method for Ag/g-C ₃ N ₄ nanocomposite and mechanism of enhanced visible-light photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 15636-15645.	2.2	16
59	Energy level engineering of PEDOT:PSS by antimonene quantum sheet doping for highly efficient OLEDs. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1796-1802.	5.5	16
60	Shape-controlled synthesis of three-dimensional branched CdS nanostructure arrays: structural characteristics and formation mechanism. <i>CrystEngComm</i> , 2013, 15, 1007-1014.	2.6	15
61	Graphite oxide-assisted sonochemical preparation of Bi ₂ O ₃ nanosheets and their high-efficiency visible light photocatalytic activity. <i>Journal of Materials Science</i> , 2014, 49, 218-224.	3.7	15
62	Effect of potential barrier height on the carrier transport in InGaAs/GaAsP multi-quantum wells and photoelectric properties of laser diode. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 6901-6912.	2.8	15
63	Regulation of dithiafulvene-based molecular shape and aggregation on TiO ₂ for high efficiency dye-sensitized solar cells. <i>Journal of Materials Chemistry C</i> , 2019, 7, 1974-1981.	5.5	15
64	Facile and Rapid Synthesis of Yellow-Emission Carbon Dots for White Light-Emitting Diodes. <i>Journal of Electronic Materials</i> , 2018, 47, 7497-7504.	2.2	14
65	Design, synthesis and properties of triple-color hyperbranched polymers derived from poly(9,9-dioctylfluorene) with phosphorescent core tris(1-phenylisoquinoline)iridium(III). <i>Dyes and Pigments</i> , 2016, 125, 339-347.	3.7	13
66	Surface Morphology Evolution Mechanisms of InGaIn/GaN Multiple Quantum Wells with Mixture N ₂ /H ₂ -Grown GaN Barrier. <i>Nanoscale Research Letters</i> , 2017, 12, 354.	5.7	13
67	Ultra-simple white organic light-emitting diodes employing only two complementary colors with color-rendering index beyond 90. <i>RSC Advances</i> , 2017, 7, 49769-49776.	3.6	13
68	Study on the controlled growth of carbon nanospheres from de-oiled asphalt. <i>Journal of Materials Science</i> , 2006, 41, 5242-5245.	3.7	12
69	Flame-Retardant Performance of Polystyrene Enhanced by Polyphenylene Oxide and Intumescent Flame Retardant. <i>Polymer-Plastics Technology and Engineering</i> , 2014, 53, 395-402.	1.9	12
70	Synergistic Flame-Retardant Effect of IFR and PPO in Improving Flame Retardancy of Polystyrene. <i>Advances in Polymer Technology</i> , 2016, 35, 208-214.	1.7	12
71	Omnidirectional and polarization-insensitive light absorption enhancement in an organic photovoltaic device using a one-dimensional nanograting. <i>Journal of Modern Optics</i> , 2014, 61, 1714-1722.	1.3	11
72	Thermal Stability and Surface Chemistry Evolution of Oxidized Carbon Microspheres. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2014, 22, 670-678.	2.1	11

#	ARTICLE	IF	CITATIONS
73	Improved mechanical properties of Mg matrix composites reinforced with Al and carbon nanotubes fabricated by spark plasma sintering followed by hot extrusion. <i>Journal of Materials Research</i> , 2016, 31, 3745-3756.	2.6	11
74	Synthesis, luminance and ultraviolet resistance of a copolymer phosphor of Eu-complex and siloxane in near UV-based LED. <i>Research on Chemical Intermediates</i> , 2017, 43, 4129-4143.	2.7	11
75	Preparation of Mg/Nano- α -HA Composites by Spark Plasma Sintering Method and Evaluation of Different Milling Time Effects on Their Microhardness, Corrosion Resistance, and Biocompatibility. <i>Advanced Engineering Materials</i> , 2017, 19, 1600294.	3.5	11
76	Fluorene-based hyperbranched copolymers with spiro[3.3]heptane-2,6-dispirofluorene as the conjugation-uninterrupted branching point and their application in WPLEDs. <i>New Journal of Chemistry</i> , 2015, 39, 5977-5983.	2.8	10
77	Polyfluorene-based white light conjugated polymers incorporating orange iridium(λ -iridium) complexes: the effect of steric configuration on their photophysical and electroluminescent properties. <i>RSC Advances</i> , 2018, 8, 1638-1646.	3.6	10
78	Direct imaging of the nitrogen-rich edge in monolayer hexagonal boron nitride and its band structure tuning. <i>Nanoscale</i> , 2019, 11, 20676-20684.	5.6	10
79	Charge compensation weakening ionized impurity scattering and assessing the minority carrier contribution to the Seebeck coefficient in Pb-doped $\text{Mg}_{1-x}\text{Sb}_x$ compounds. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 7012-7020.	2.8	10
80	Thermoresponsive hollow magnetic microspheres with hyperthermia and controlled release properties. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	9
81	P3HT/Dodecylamine Functioned Carbon Microspheres Composite Films for Polymer Solar Cells. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015, 23, 549-556.	2.1	9
82	Synthesis, structure, photophysical and electroluminescent properties of a blue-green self-host phosphorescent iridium(III) complex. <i>Materials Chemistry and Physics</i> , 2015, 162, 392-399.	4.0	9
83	Investigation of the growth temperature on indium diffusion in InGaAs/GaAsP multiple quantum wells and photoelectric properties. <i>RSC Advances</i> , 2015, 5, 75211-75217.	3.6	9
84	Mo ₂ C Decorated High-Defective Graphene Nanospheres for Improved Hydrogen Evolution Reaction Catalytic Performance. <i>Catalysis Letters</i> , 2020, 150, 2141-2149.	2.6	9
85	Preparation of cellulose fibres with antibacterial Ag-loading nano-SiO ₂ . <i>Bulletin of Materials Science</i> , 2011, 34, 629-634.	1.7	8
86	DFT Studies of Ag-loading Intrinsic and Functionalized Single-walled Carbon Nanotubes. <i>Chinese Journal of Chemistry</i> , 2012, 30, 121-126.	4.9	8
87	The characterization of electroplex generated from the interface between 2-(4-trifluoromethyl-2-hydroxyphenyl)benzothiazole] zinc and N,N'-diphenyl-N,N'-bis(1-naphthyl)-(1,1'-biphenyl)-4,4'-diamine. <i>Applied Physics A: Materials Science and Processing</i> , 2012, 106, 709-715.	2.3	8
88	Design, Synthesis and Luminescence Properties of a Novel White-Light Organic Luminescent Material Derived from Bis(8-hydroxyquinolino)zinc(II). <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014, 24, 201-207.	3.7	8
89	Study on converting cotton pulp fiber into carbonaceous microspheres. <i>Fibers and Polymers</i> , 2014, 15, 286-290.	2.1	8
90	A novel high-efficiency white hyperbranched polymer derived from polyfluorene with green and red iridium(III) complexes as the cores. <i>Dyes and Pigments</i> , 2016, 130, 191-201.	3.7	8

#	ARTICLE	IF	CITATIONS
91	Effects of Ga _x Zn _{1-x} O nanorods on the photoelectric properties of n-ZnO nanorods/p-GaN heterojunction light-emitting diodes. RSC Advances, 2017, 7, 49613-49617.	3.6	8
92	Facile Synthesis of Cyclodextrin Functionalized Reduced Graphite Oxide with the Aid of Ionic Liquid for Simultaneous Determination of Guanine and Adenine. Electroanalysis, 2018, 30, 842-851.	2.9	8
93	All-excimer-based white organic light-emitting diodes by employing an interface-free sandwich light-emitting unit achieving high electroluminescence performance. Journal of Materials Chemistry C, 2020, 8, 12247-12256.	5.5	8
94	Microstructure and mechanical properties of SiCp/AZ91 composite processed with extrusion and EPT. Materials Science and Technology, 2021, 37, 269-279.	1.6	8
95	The spin-filter capability and spin-reversal effect of multidecker iron-borazine sandwich cluster. Applied Physics Letters, 2012, 101, 102405.	3.3	7
96	Synthesis and optical property of P3HT/carbon microsphere composite film. Journal of Materials Research, 2013, 28, 998-1003.	2.6	7
97	Synthesis and optical properties of composite films from P3HT and sandwich-like Ag@Ag nanoparticles. RSC Advances, 2015, 5, 79860-79867.	3.6	7
98	Synthesis and photoelectric properties of a solution-processable yellow-emitting iridium(III) complex. New Journal of Chemistry, 2015, 39, 8908-8914.	2.8	7
99	Enhanced light out-coupling efficiency and reduced efficiency roll-off in phosphorescent OLEDs with a spontaneously distributed embossed structure formed by a spin-coating method. RSC Advances, 2017, 7, 43987-43993.	3.6	7
100	Hyperbranched polymers with aggregation-induced emission property for solution-processed white organic light-emitting diodes. Tetrahedron, 2018, 74, 7218-7227.	1.9	7
101	Synthesis and properties of hyperbranched polymers for polymer light emitting devices with sunlight-style white emission. RSC Advances, 2019, 9, 22176-22184.	3.6	7
102	Compressive Deformation Behavior of AZ31Mg Alloy Containing {10 $\bar{1}2$ } Extension Twins at Different Temperature. Metals and Materials International, 2019, 25, 1170-1181.	3.4	7
103	The structure of wool fibers grafted with chitosan coated Ag-loading nano-SiO ₂ antibacterial composites. Fibers and Polymers, 2010, 11, 1201-1203.	2.1	6
104	Performance enhancement of GaN-based light-emitting diodes by surface plasmon coupling and scattering grating. Journal of Materials Science, 2013, 48, 5673-5679.	3.7	6
105	Hyperbranched fluorene-alt-carbazole copolymers with spiro[3.3]heptane-2,6-dispirofluorene as the core and their application in white polymer light-emitting devices. RSC Advances, 2015, 5, 49662-49670.	3.6	6
106	Determination of allura red using composites of water-dispersible reduced graphene oxide-loaded Au nanoparticles based on ionic liquid. International Journal of Environmental Analytical Chemistry, 2016, 96, 1117-1127.	3.3	6
107	Synthesis and properties of hyperbranched polymers for white polymer light-emitting diodes. RSC Advances, 2019, 9, 36058-36065.	3.6	6
108	Modulation for efficiency and spectra of non-doped white organic light emitting diodes by combining an excimer with an ultrathin phosphorescent emitter. RSC Advances, 2020, 10, 33461-33468.	3.6	6

#	ARTICLE	IF	CITATIONS
109	Enhanced luminescence property of InGaN/GaN nanorod array light emitting diode. Optical Engineering, 2019, 58, 1.	1.0	6
110	Constructing Multiple Heterostructures on Nickel Oxide Using Rare Earth Oxide and Nickel as Efficient Bifunctional Electrocatalysts for Overall Water Splitting. ChemCatChem, 0, , .	3.7	6
111	Growth habit of polar crystal ZnO by solid-vapor method. Journal Wuhan University of Technology, Materials Science Edition, 2011, 26, 19-22.	1.0	5
112	Carrier Transport Improvement in Blue InGaN Light-Emitting Diodes Via Reduced Polarization Using a Band-Engineered Electron Blocking Layer. Journal of Display Technology, 2014, 10, 1101-1105.	1.2	5
113	Effects of processing technologies on mechanical properties of sic particulate reinforced magnesium matrix composites. Journal Wuhan University of Technology, Materials Science Edition, 2014, 29, 769-772.	1.0	5
114	Reduced efficiency roll-off in phosphorescent OLEDs with a stack emitting layer facilitating triplet exciton diffusion. RSC Advances, 2015, 5, 89041-89046.	3.6	5
115	Growth and optical properties of GaN pyramids using in-situ deposited SiNx layer. Materials Letters, 2018, 224, 86-88.	2.6	5
116	Interface-engineered Co ₃ S ₄ /CoMo ₂ S ₄ nanosheets as efficient bifunctional electrocatalysts for alkaline overall water splitting. Nanotechnology, 2021, 32, 455706.	2.6	5
117	Nickel and zirconia toughened alumina prepared by hydrothermal processing. Journal of Materials Science, 2007, 42, 4707-4711.	3.7	4
118	Preparation and self-assembly of chitosan/carbon microsphere composite. Journal Wuhan University of Technology, Materials Science Edition, 2012, 27, 454-458.	1.0	4
119	Improved color stability of complementary WOLED with symmetrical doped phosphors in single host: experimental verification and mechanism analysis. RSC Advances, 2017, 7, 33782-33788.	3.6	4
120	Cobalt sulfide @ CNT-CNF for high-performance asymmetric supercapacitor. Ionics, 2019, 25, 4031-4035.	2.4	4
121	Influence of annealing temperature on microstructure and photoelectric properties of ternary CdSe@CdS@TiO ₂ core-shell heterojunctions. Journal of Solid State Electrochemistry, 2019, 23, 2085-2096.	2.5	4
122	Nitrogen-doped porous carbon with complicated architecture and superior K ⁺ storage performance. Sustainable Energy and Fuels, 2021, 5, 396-400.	4.9	4
123	Surface chemical structure of titania-silica nanocomposite powder. Science Bulletin, 2008, 53, 2964-2972.	9.0	3
124	Theoretical studies on transforming a GaN semiconductor into a photonic crystal under a periodic external magnetic field. Journal of Materials Science, 2013, 48, 1147-1152.	3.7	3
125	Spin-coated P3HT:Aminated carbon microsphere composite films for polymer solar cells. Journal of Materials Research, 2014, 29, 492-500.	2.6	3
126	The morphologies and optical properties of three-dimensional GaN nano-cone arrays. RSC Advances, 2016, 6, 43272-43277.	3.6	3

#	ARTICLE	IF	CITATIONS
127	Grain refining and improving mechanical properties of AZ31 Mg alloy sheets by multi-pass warm rolling with falling temperature. <i>Journal of Materials Research</i> , 2018, 33, 2827-2834.	2.6	3
128	Hybrid Hole Extraction Layer Enabled High Efficiency in Polymer Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 55342-55348.	8.0	3
129	A thin carbon nanofiber/branched carbon nanofiber nanocomposite for high-performance supercapacitors. <i>New Journal of Chemistry</i> , 2022, 46, 3091-3094.	2.8	3
130	Analysis of ultrastructures in Fe-encapsulating onion-like fullerenes. <i>Journal of Electron Microscopy</i> , 2006, 55, 13-16.	0.9	2
131	A density functional theory study of the geometric and electronic structure of MgF ₂ (110) surface. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2013, 28, 22-25.	1.0	2
132	Synthesis and photoluminescence properties of a Dy(III)-containing copolymer in a WLED device. <i>Research on Chemical Intermediates</i> , 2014, 40, 2629-2640.	2.7	2
133	The Properties of p-GaN with Different Cp ₂ Mg/Ga Ratios and Their Influence on Conductivity. <i>Journal of Electronic Materials</i> , 2016, 45, 2697-2701.	2.2	2
134	Improving the internal quantum efficiency of QD/QW hybrid structures by increasing the GaN barrier thickness. <i>RSC Advances</i> , 2020, 10, 41443-41452.	3.6	2
135	Synthesis of feather-like carbon nanosheet arrays by radio frequency plasma technique. <i>Journal of Materials Science</i> , 2008, 43, 5014-5016.	3.7	1
136	Solvothermal synthesis and ferromagnetic property of bamboo-shoot-like oriented carbon micromaterials. <i>Science Bulletin</i> , 2010, 55, 3838-3841.	1.7	1
137	White Electroluminescence from a Single-Polymer System with Simultaneous Three-color Emission. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 76-81.	3.7	1
138	Preparation and properties of nano-SiO ₂ -coated wool fibers. <i>Journal of the Textile Institute</i> , 2013, 104, 838-843.	1.9	1
139	Strengthening-toughening of ceramics by metal elements recovered from electroplating sludge. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2013, 28, 413-416.	1.0	1
140	Optical properties of the composite film from P3HT and hydrothermally synthesized porous carbon nanospheres. <i>Journal of Materials Research</i> , 2015, 30, 1599-1610.	2.6	1
141	The influence of DMSO on the formation and photoelectrochemical properties of CdS thin films by electrodeposition method. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 19-26.	2.5	1
142	Synthesis and Luminescence Properties of a Novel Eu ³⁺ -Containing Polysiloxane Copolymer. <i>ChemistrySelect</i> , 2018, 3, 5749-5755.	1.5	1
143	Synthesis, photoluminescence, and energy transfer mechanism of a reactive Eu(III)-complex used in white light-emitting diodes. <i>Optical Engineering</i> , 2018, 57, 1.	1.0	1
144	Instant Growth of the Secondary Carbon Fibers on a Matrix Carbon Fiber by Chemical Vapor Deposition. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015, 23, 49-53.	2.1	0

#	ARTICLE	IF	CITATIONS
145	Deposition of Ag nanoparticles on carbon microspheres surface: Evaluation of structures, electrochemical and optical properties. Journal Wuhan University of Technology, Materials Science Edition, 2016, 31, 743-749.	1.0	0
146	Effect of GaN Barrier Layer Thickness on Morphology and Optical Properties of Multilayer InGaN Quantum Dots. , 2018, , .		0