

Yingliang Liu

List of Publications by Year in descending order

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138
papers

8,673
citations

41323

49
h-index

48277

88
g-index

139
all docs

139
docs citations

139
times ranked

9115
citing authors

#	ARTICLE	IF	CITATIONS
1	Key to intimately coupling metal chalcogenides with a carbon nanonetwork for potassium-ion storage. <i>Journal of Materials Chemistry A</i> , 2022, 10, 8958-8965.	5.2	6
2	Cascade Resonance Energy Transfer for the Construction of Nanoparticles with Multicolor Long Afterglow in Aqueous Solutions for Information Encryption and Bioimaging. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	43
3	Construction of Mixed Ionic&Electronic Conducting Scaffolds in Zn Powder: A Scalable Route to Dendrite&Free and Flexible Zn Anodes. <i>Advanced Materials</i> , 2022, 34, e2200860.	11.1	54
4	Modulating the local structure of glass to promote <i>in situ</i> precipitation of perovskite CsPbBr ₃ quantum dots by introducing a network modifier. <i>Journal of Materials Chemistry C</i> , 2022, 10, 8634-8641.	2.7	7
5	A rapid construction strategy of NaYF ₄ :Yb,Er@CDs nanocomposites for dual-mode anti-counterfeiting. <i>Materials Advances</i> , 2022, 3, 4542-4547.	2.6	6
6	From Lychee Seeds to Hierarchical Fe ₃ O ₄ /Carbon Composite Anodes for Lithium-Ion Batteries: A High Additional Value Conversion-Based Self-Assembly Strategy. <i>Energy & Fuels</i> , 2022, 36, 5027-5035.	2.5	2
7	Different Kinds of Citric Acid Based Carbon Dots and Their Enhancement of the Growth of Italian Lettuce. <i>ACS Agricultural Science and Technology</i> , 2022, 2, 684-692.	1.0	2
8	Carbon Dots in Hydroxy Fluorides: Achieving Multicolor Long-Wavelength Room-Temperature Phosphorescence and Excellent Stability via Crystal Confinement. <i>Nano Letters</i> , 2022, 22, 5127-5136.	4.5	46
9	Controllable Synthesis of Carbon Dots@CaCO ₃ Composites: Tunable Morphology, UV Absorption Properties, and Application as an Ultraviolet Absorber. <i>Crystal Growth and Design</i> , 2022, 22, 4357-4365.	1.4	8
10	In Situ Growth of High-Quality CsPbBr ₃ Quantum Dots with Unusual Morphology inside a Transparent Glass with a Heterogeneous Crystallization Environment for Wide Gamut Displays. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 30029-30038.	4.0	17
11	Fluorescent Nanoparticles for Super-Resolution Imaging. <i>Chemical Reviews</i> , 2022, 122, 12495-12543.	23.0	82
12	Synthesis of Carbon Dots with Carbogenic ĩ-Conjugated Domains for Full-Band UV Shielding. <i>ACS Applied Nano Materials</i> , 2022, 5, 9140-9149.	2.4	10
13	Calcium-chloride-assisted approach towards green and sustainable synthesis of hierarchical porous carbon microspheres for high-performance supercapacitive energy storage. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 159-166.	5.0	22
14	Facile construction of uniform ultramicropores in porous carbon for advanced sodium-ion battery. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 852-858.	5.0	24
15	Carbon dots as light converter for plant photosynthesis: Augmenting light coverage and quantum yield effect. <i>Journal of Hazardous Materials</i> , 2021, 410, 124534.	6.5	69
16	The changing structure by component: Biomass-based porous carbon for high-performance supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2021, 585, 778-786.	5.0	56
17	Propelling electrochemical kinetics of transition metal oxide for high-rate lithium-ion battery through in situ deoxidation. <i>Journal of Colloid and Interface Science</i> , 2021, 587, 590-596.	5.0	22
18	<i>Salvia Miltiorrhiza</i> -Derived Carbon Dots as Scavengers of Reactive Oxygen Species for Reducing Oxidative Damage of Plants. <i>ACS Applied Nano Materials</i> , 2021, 4, 113-120.	2.4	44

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19	KCl-assisted activation: Moringa oleifera branch-derived porous carbon for high performance supercapacitor. <i>New Journal of Chemistry</i> , 2021, 45, 5712-5719.	1.4	10
20	Architecture engineering of carbonaceous anodes for high-rate potassium-ion batteries. , 2021, 3, 554-581.		39
21	Amine-Functionalized Carbon Cloth Host for Dendrite-Free Zn Metal Anodes. <i>ACS Applied Energy Materials</i> , 2021, 4, 4482-4488.	2.5	22
22	Boosting zinc ion energy storage capability of inert MnO cathode by defect engineering. <i>Journal of Colloid and Interface Science</i> , 2021, 594, 540-549.	5.0	43
23	Multiemissive Room-Temperature Phosphorescent Carbon Dots@ZnAl ₂ O ₄ Composites by Inorganic Defect Triplet-State Energy Transfer. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 34705-34713.	4.0	34
24	Antibacterial Activity and Synergetic Mechanism of Carbon Dots against Gram-Positive and -Negative Bacteria. <i>ACS Applied Bio Materials</i> , 2021, 4, 6937-6945.	2.3	51
25	Capillary enhanced hydrophilic block carbon material for binder-free supercapacitor electrode. <i>Journal of Power Sources</i> , 2021, 507, 230289.	4.0	9
26	Near-Infrared-Excited Multicolor Afterglow in Carbon Dots-Based Room-Temperature Afterglow Materials. <i>Angewandte Chemie</i> , 2021, 133, 22427-22433.	1.6	8
27	Near-Infrared-Excited Multicolor Afterglow in Carbon Dots-Based Room-Temperature Afterglow Materials. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22253-22259.	7.2	73
28	A mild method to prepare nitrogen-rich interlaced porous carbon nanosheets for high-performance supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 381-389.	5.0	40
29	Mild synthesis of superadhesive hydrogel electrolyte with low interfacial resistance and enhanced ionic conductivity for flexible zinc ion battery. <i>Journal of Colloid and Interface Science</i> , 2021, 600, 586-593.	5.0	32
30	Homogeneous triple-phase interfaces enabling one-pot route to metal compound/carbon composites. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 271-279.	5.0	3
31	Hemicellulose-triggered high-yield synthesis of carbon dots from biomass. <i>New Journal of Chemistry</i> , 2021, 45, 5484-5490.	1.4	13
32	Surface chemical functionality of carbon dots: influence on the structure and energy storage performance of the layered double hydroxide. <i>RSC Advances</i> , 2021, 11, 10785-10793.	1.7	3
33	Construction of Carbon Dots with Color-Tunable Aggregation-Induced Emission by Nitrogen-Induced Intramolecular Charge Transfer. <i>Advanced Materials</i> , 2021, 33, e2104872.	11.1	112
34	Facile synthesis of the desired red phosphor Li ₂ Ca ₂ Mg ₂ Si ₂ N ₆ :Eu ²⁺ for high CRI white LEDs and plant growth LED device. <i>Journal of the American Ceramic Society</i> , 2020, 103, 1773-1781.	1.9	33
35	A review on the effects of carbon dots in plant systems. <i>Materials Chemistry Frontiers</i> , 2020, 4, 437-448.	3.2	139
36	Amplified light harvesting for enhancing Italian lettuce photosynthesis using water soluble silicon quantum dots as artificial antennas. <i>Nanoscale</i> , 2020, 12, 155-166.	2.8	35

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37	Enhancement of Fluorescence Emission for Tricolor Quantum Dots Assembled in Polysiloxane toward Solar Spectrumâ€Simulated White Lightâ€Emitting Devices. <i>Small</i> , 2020, 16, e1905266.	5.2	16
38	Engineering of nanonetwork-structured carbon to enable high-performance potassium-ion storage. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 195-202.	5.0	13
39	Active Nanointerfaceâ€Assisted Coâ€Assembly to Yolkâ€Shell Au@Ordered Mesoporous Carbon Nanospheres. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901703.	1.9	3
40	Surface functional carbon dots: chemical engineering applications beyond optical properties. <i>Journal of Materials Chemistry C</i> , 2020, 8, 16282-16294.	2.7	36
41	Non-tubular-biomass-derived nitrogen-doped carbon microtubes for ultrahigh-area-capacity lithium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 638-644.	5.0	22
42	A general strategy for metal oxide nanoparticles embedded into heterogeneous carbon nanosheets as high-rate lithium-ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 25382-25389.	5.2	13
43	Anchoring Carbon Nanodots onto Nanosilica for Phosphorescence Enhancement and Delayed Fluorescence Nascence in Solid and Liquid States. <i>Small</i> , 2020, 16, e2005228.	5.2	61
44	pH-Responsive carbon dots with red emission for real-time and visual detection of amines. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11563-11571.	2.7	72
45	Ultralong lifetime and efficient room temperature phosphorescent carbon dots through multi-confinement structure design. <i>Nature Communications</i> , 2020, 11, 5591.	5.8	202
46	Regulating the morphology and luminescence properties of CsPbBr ₃ perovskite quantum dots through the rigidity of glass network structure. <i>Journal of Materials Chemistry C</i> , 2020, 8, 17374-17382.	2.7	41
47	A Surface Seâ€Substituted LiCo[O ₂ â€ <i>Se</i>] Cathode with Ultrastable Highâ€Voltage Cycling in Pouch Fullâ€Cells. <i>Advanced Materials</i> , 2020, 32, e2005182.	11.1	110
48	Facile fabrication of a CD/PVA composite polymer to access light-responsive shape-memory effects. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8935-8941.	2.7	22
49	Direct carbonization of black liquor powders into 3D honeycomb-like porous carbons with a tunable disordered degree for sodium-ion batteries. <i>New Journal of Chemistry</i> , 2020, 44, 10697-10702.	1.4	3
50	Promoted off-on recognition of H ₂ O ₂ based on the fluorescence of silicon quantum dots assembled two-dimensional PEG-MnO ₂ nanosheets hybrid nanoprobe. <i>Mikrochimica Acta</i> , 2020, 187, 347.	2.5	15
51	Promoting the Growth of Mung Bean Plants through Uptake and Light Conversion of NaYF ₄ :Yb,Er@CDs Nanocomposites. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 9751-9762.	3.2	40
52	Facile Synthesis of Core-Shell Structured SiO ₂ @Carbon Composite Nanorods for High-Performance Lithium-Ion Batteries. <i>Nanomaterials</i> , 2020, 10, 513.	1.9	17
53	Temperature-responsive conversion of thermally activated delayed fluorescence and room-temperature phosphorescence of carbon dots in silica. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5744-5751.	2.7	86
54	Multifunctional molybdenum disulfide-copper nanocomposite that enhances the antibacterial activity, promotes rice growth and induces rice resistance. <i>Journal of Hazardous Materials</i> , 2020, 394, 122551.	6.5	27

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55	Liquid-liquid micromixing strategy enables low KOH-amount synthesis of ultrahighly porous carbon for zinc-ion storage. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	1
56	Carbon Dots as a Protective Agent Alleviating Abiotic Stress on Rice (<i>Oryza sativa</i> L.) through Promoting Nutrition Assimilation and the Defense System. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 33575-33585.	4.0	56
57	Glass-ceramics with thermally stable blue-red emission for high-power horticultural LED applications. <i>Journal of Materials Chemistry C</i> , 2020, 8, 3996-4002.	2.7	19
58	PVA-Coated Fluorescent Carbon Dot Nanocapsules as an Optical Amplifier for Enhanced Photosynthesis of Lettuce. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 3938-3949.	3.2	41
59	Far-Red Carbon Dots as Efficient Light-Harvesting Agents for Enhanced Photosynthesis. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 21009-21019.	4.0	102
60	Self-Quenching-Resistant Red Emissive Carbon Dots with High Stability for Warm White Light-Emitting Diodes with a High Color Rendering Index. <i>Advanced Optical Materials</i> , 2020, 8, 2000251.	3.6	56
61	Polyacrylonitrile-based highly porous carbon materials for exceptional hydrogen storage. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 23210-23215.	3.8	20
62	Component Degradation-Enabled Preparation of Biomass-Based Highly Porous Carbon Materials for Energy Storage. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15259-15266.	3.2	36
63	Bark-Based 3D Porous Carbon Nanosheet with Ultrahigh Surface Area for High Performance Supercapacitor Electrode Material. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 13827-13835.	3.2	63
64	Synthesis of dual-emissive carbon dots with a unique solvatochromism phenomenon. <i>Journal of Colloid and Interface Science</i> , 2019, 555, 607-614.	5.0	66
65	Extraordinary Thickness-Independent Electrochemical Energy Storage Enabled by Cross-Linked Microporous Carbon Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26946-26955.	4.0	51
66	Precipitating CsPbBr ₃ quantum dots in boro-germanate glass with a dense structure and inert environment toward highly stable and efficient narrow-band green emitters for wide-color-gamut liquid crystal displays. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13139-13148.	2.7	68
67	Hierarchically Porous Carbon Derived from <i>Neolamarckia cadamba</i> for Electrochemical Capacitance and Hydrogen Storage. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15385-15393.	3.2	44
68	Improving the luminous efficacy and resistance to blue laser irradiation of phosphor-in-glass based solid state laser lighting through employing dual-functional sapphire plate. <i>Journal of Materials Chemistry C</i> , 2019, 7, 354-361.	2.7	70
69	Synthesis of Silicon Quantum Dots with Highly Efficient Full-Band UV Absorption and Their Applications in Antiyellowing and Resistance of Photodegradation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 6634-6643.	4.0	45
70	Mixed-Biomass Wastes Derived Hierarchically Porous Carbons for High-Performance Electrochemical Energy Storage. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10393-10402.	3.2	78
71	KNO ₃ -mediated synthesis of high-surface-area polyacrylonitrile-based carbon material for exceptional supercapacitors. <i>Carbon</i> , 2019, 152, 120-127.	5.4	38
72	Construction of NaYF ₄ :Yb,Er(Tm)@CDs composites for enhancing red and NIR upconversion emission. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6231-6235.	2.7	32

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73	Hydrophobic carbon dots with blue dispersed emission and red aggregation-induced emission. <i>Nature Communications</i> , 2019, 10, 1789.	5.8	419
74	Solid-state silicon nanoparticles with color-tunable photoluminescence and multifunctional applications. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5962-5969.	2.7	15
75	A review of rechargeable batteries for portable electronic devices. <i>Informa Publishing</i> , 2019, 1, 6-32.	8.5	694
76	A Universal Strategy for Activating the Multicolor Room-Temperature Afterglow of Carbon Dots in a Boric Acid Matrix. <i>Angewandte Chemie</i> , 2019, 131, 7356-7361.	1.6	62
77	A Universal Strategy for Activating the Multicolor Room-Temperature Afterglow of Carbon Dots in a Boric Acid Matrix. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7278-7283.	7.2	266
78	Improving moisture stability of SrLiAl ₃ N ₄ :Eu ²⁺ through phosphor-in-glass approach to realize its application in plant growing LED device. <i>Journal of Colloid and Interface Science</i> , 2019, 545, 195-199.	5.0	24
79	Synthesis of Porous Carbon Material with Suitable Graphitization Strength for High Electrochemical Capacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6601-6610.	3.2	46
80	Facile construction of hollow carbon nanosphere-interconnected network for advanced sodium-ion battery anode. <i>Journal of Colloid and Interface Science</i> , 2019, 546, 53-59.	5.0	31
81	Construction of NaYF ₄ :Eu@carbon dots nanocomposites for multifunctional applications. <i>Journal of Colloid and Interface Science</i> , 2019, 543, 156-163.	5.0	12
82	Highly efficient and dual broad emitting light convertor: an option for next-generation plant growth LEDs. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3617-3622.	2.7	35
83	Natural Plant Template-Derived Cellular Framework Porous Carbon as a High-Rate and Long-Life Electrode Material for Energy Storage. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 5845-5855.	3.2	53
84	Carbon Dot-Silica Nanoparticle Composites for Ultralong Lifetime Phosphorescence Imaging in Tissue and Cells at Room Temperature. <i>Chemistry of Materials</i> , 2019, 31, 9887-9894.	3.2	137
85	A universal KOH-free strategy towards nitrogen-doped carbon nanosheets for high-rate and high-energy storage devices. <i>Journal of Materials Chemistry A</i> , 2019, 7, 26469-26478.	5.2	32
86	Rich N/O/S co-doped porous carbon with a high surface area from silkworm cocoons for superior supercapacitors. <i>New Journal of Chemistry</i> , 2019, 43, 19372-19378.	1.4	5
87	Advanced nanonetwork-structured carbon materials for high-performance formaldehyde capture. <i>Journal of Colloid and Interface Science</i> , 2019, 537, 562-568.	5.0	20
88	Small nitrogen-doped carbon dots as efficient nanoenhancer for boosting the electrochemical performance of three-dimensional graphene. <i>Journal of Colloid and Interface Science</i> , 2019, 536, 628-637.	5.0	34
89	Double carbon dot assembled mesoporous aluminas: solid-state dual-emission photoluminescence and multifunctional applications. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2495-2501.	2.7	46
90	Enhanced luminescence performance of CaO:Ce ³⁺ ,Li ⁺ ,F ⁻ phosphor and its phosphor-in-glass based high-power warm LED properties. <i>Journal of Materials Chemistry C</i> , 2018, 6, 4077-4086.	2.7	24

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91	Large-scale One-step Synthesis of Carbon Dots from Yeast Extract Powder and Construction of Carbon Dots/PVA Fluorescent Shape Memory Material. <i>Advanced Optical Materials</i> , 2018, 6, 1701150.	3.6	76
92	Ultrastable red-emitting phosphor-in-glass for superior high-power artificial plant growth LEDs. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1738-1745.	2.7	95
93	Co-substitution in $\text{Ca}_{1-x}\text{Y}_x\text{Al}_{12-x}\text{Mg}_x\text{O}_{19}$ phosphors: local structure evolution, photoluminescence tuning and application for plant growth LEDs. <i>Journal of Materials Chemistry C</i> , 2018, 6, 4217-4224.	2.7	83
94	Rapid room-temperature preparation of MoO_3 quantum dots by ultraviolet irradiation for photothermal treatment and glucose detection. <i>New Journal of Chemistry</i> , 2018, 42, 18533-18540.	1.4	33
95	Rational Synthesis of Highly Porous Carbon from Waste Bagasse for Advanced Supercapacitor Application. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 15325-15332.	3.2	82
96	Enhanced Biological Photosynthetic Efficiency Using Light-Harvesting Engineering with Dual-Emissive Carbon Dots. <i>Advanced Functional Materials</i> , 2018, 28, 1804004.	7.8	189
97	Bioinspired Highly Crumpled Porous Carbons with Multidirectional Porosity for High Rate Performance Electrochemical Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 12716-12726.	3.2	31
98	Preparation and properties of dual-mode luminescent $\text{NaYF}_4:\text{Yb,Tm}@SiO_2$ /carbon dot nanocomposites. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10360-10366.	2.7	26
99	Large-scale synthesis of porous carbon <i>via</i> one-step CuCl_2 activation of rape pollen for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12046-12055.	5.2	126
100	Near-Ultraviolet to Near-Infrared Fluorescent Nitrogen-Doped Carbon Dots with Two-Photon and Piezochromic Luminescence. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 27920-27927.	4.0	63
101	Cation-anion substitution induced spectral tuning and thermal stability optimization in $\text{Sr}_2\text{SiO}_4:\text{Eu}$ phosphors. <i>RSC Advances</i> , 2017, 7, 8230-8235.	1.7	10
102	Eu^{3+} -Doped Phosphor-in-Glass: A Route toward Tunable Multicolor Materials for Near-UV High-Power Warm-White LEDs. <i>Advanced Optical Materials</i> , 2017, 5, 1600910.	3.6	92
103	Hierarchical NiO mesocrystals with tuneable high-energy facets for pseudocapacitive charge storage. <i>Journal of Materials Chemistry A</i> , 2017, 5, 6921-6927.	5.2	38
104	Luminescent properties and energy transfer of luminescent carbon dots assembled mesoporous $\text{Al}_2\text{O}_3:\text{Eu}^{3+}$ co-doped materials for temperature sensing. <i>Journal of Colloid and Interface Science</i> , 2017, 496, 8-15.	5.0	33
105	Interconnected 3D Network of Graphene Oxide Nanosheets Decorated with Carbon Dots for High-Performance Supercapacitors. <i>ChemSusChem</i> , 2017, 10, 2626-2634.	3.6	75
106	Solid-State Carbon Dots with Red Fluorescence and Efficient Construction of Dual-Fluorescence Morphologies. <i>Small</i> , 2017, 13, 1700075.	5.2	165
107	Room temperature phosphorescence from moisture-resistant and oxygen-barred carbon dot aggregates. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6243-6250.	2.7	91
108	A dual-emitting core-shell carbon dot-silica-phosphor composite for LED plant grow light. <i>RSC Advances</i> , 2017, 7, 16662-16667.	1.7	24

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109	Structural phase transition in monolayer MoTe ₂ driven by electrostatic doping. <i>Nature</i> , 2017, 550, 487-491.	13.7	548
110	Pollen derived blue fluorescent carbon dots for bioimaging and monitoring of nitrogen, phosphorus and potassium uptake in <i>Brassica parachinensis</i> AL. <i>RSC Advances</i> , 2017, 7, 33459-33465.	1.7	39
111	Bioimaging Application and Growth-Promoting Behavior of Carbon Dots from Pollen on Hydroponically Cultivated Rome Lettuce. <i>ACS Omega</i> , 2017, 2, 3958-3965.	1.6	73
112	Enhanced persistent properties of Mn ²⁺ activated CaZnOS. <i>RSC Advances</i> , 2017, 7, 38498-38505.	1.7	6
113	Ultrahigh-surface-area hierarchical porous carbon from chitosan: acetic acid mediated efficient synthesis and its application in superior supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 24775-24781.	5.2	149
114	Facile Synthesis of Highly Porous Carbon from Rice Husk. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 7111-7117.	3.2	56
115	Towards efficient dual-emissive carbon dots through sulfur and nitrogen co-doped. <i>Journal of Materials Chemistry C</i> , 2017, 5, 8014-8021.	2.7	73
116	In Situ Topotactic Synthesis of Monodispersed Hierarchically Nanostructured Yttrium-Based Microspindles from a Mesocrystal Precursor. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3990-3993.	1.0	3
117	Tunable emission color and mixed valence state via the modified activator site in the AlN-doped Sr ₃ SiO ₅ :Eu phosphor. <i>RSC Advances</i> , 2016, 6, 33076-33082.	1.7	17
118	Facile one-step and high-yield synthesis of few-layered and hierarchically porous boron nitride nanosheets. <i>RSC Advances</i> , 2016, 6, 45402-45409.	1.7	7
119	Solid-state fluorescent composite phosphor based on cellulose grafted with carbon dots for temperature sensing. <i>RSC Advances</i> , 2016, 6, 90126-90131.	1.7	10
120	Preparation and characterization of a luminescent carbon dots grafted CaSiO ₃ :Eu ³⁺ phosphor for ratiometric fluorescent oxygen sensing. <i>RSC Advances</i> , 2016, 6, 98554-98562.	1.7	15
121	Synthesis of molecularly imprinted carbon dot grafted YVO ₄ :Eu ³⁺ for the ratiometric fluorescent determination of paranitrophenol. <i>Biosensors and Bioelectronics</i> , 2016, 86, 706-713.	5.3	94
122	Facile fabrication of rice husk based silicon dioxide nanospheres loaded with silver nanoparticles as a rice antibacterial agent. <i>Scientific Reports</i> , 2016, 6, 21423.	1.6	51
123	One-step preparation of carbon dot-grafted trisodium citrate dihydrate for tunable photoluminescence and white light-emitting diodes. <i>RSC Advances</i> , 2016, 6, 104724-104730.	1.7	4
124	Facile Synthesis of Three-Dimensional Heteroatom-Doped and Hierarchical Egg-Box-Like Carbons Derived from <i>Moringa oleifera</i> Branches for High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 33060-33071.	4.0	137
125	Preparation and Properties of Carbon Dot-Grafted CaAl ₁₂ O ₁₉ :Mn ⁴⁺ Color-Tunable Hybrid Phosphor. <i>Advanced Optical Materials</i> , 2016, 4, 427-434.	3.6	42
126	Transparent sunlight conversion film based on carboxymethyl cellulose and carbon dots. <i>Carbohydrate Polymers</i> , 2016, 151, 245-250.	5.1	67

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127	Preparation, characterization and oxygen sensing properties of luminescent carbon dots assembled mesoporous silica microspheres. <i>Journal of Colloid and Interface Science</i> , 2016, 478, 256-262.	5.0	35
128	Synthesis of hybrid Ni-Co oxide @ 3D carbon skeleton derived from pollen grains for advanced supercapacitors. <i>Electrochimica Acta</i> , 2016, 210, 695-703.	2.6	8
129	A Self-Quenching-Resistant Carbon-Dot Powder with Tunable Solid-State Fluorescence and Construction of Dual-Fluorescence Morphologies for White Light-Emission. <i>Advanced Materials</i> , 2016, 28, 312-318.	11.1	527
130	Carbon dots-based fluorescent probe for α -off-on-sensing of Hg(II) and I. <i>Biosensors and Bioelectronics</i> , 2016, 79, 531-535.	5.3	155
131	Three-dimensional honeycomb-like hierarchically structured carbon for high-performance supercapacitors derived from high-ash-content sewage sludge. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15225-15234.	5.2	125
132	Unusual Concentration Induced Antithermal Quenching of the Bi ²⁺ Emission from Sr ₂ P ₂ O ₇ :Bi ²⁺ . <i>Inorganic Chemistry</i> , 2015, 54, 6028-6034.	1.9	50
133	Amorphous Ni-Co Binary Oxide with Hierarchical Porous Structure for Electrochemical Capacitors. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 24419-24429.	4.0	82
134	Preparation of graphene oxide with silver nanowires to enhance antibacterial properties and cell compatibility. <i>RSC Advances</i> , 2015, 5, 85748-85755.	1.7	27
135	Preparation and properties of Sr ₂ Si ₅ N ₈ :Eu ²⁺ cellulose hybrid films for sunlight conversion. <i>Cellulose</i> , 2015, 22, 3337-3345.	2.4	13
136	Carbon dot grafted SrAl ₂ O ₄ :Eu,Dy dual-emitting phosphor for ratiometric temperature sensing. <i>RSC Advances</i> , 2015, 5, 89238-89243.	1.7	14
137	Insights into luminescence quenching and detecting trap distribution in Ba ₂ Si ₅ N ₈ :Eu ²⁺ phosphor with comprehensive considerations of temperature-dependent luminescence behaviors. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9572-9579.	2.7	48
138	Infrared Brazing Fe ₃ Al Using Ag-Based Filler Metals. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2010, 41, 2836-2843.	1.1	5