

Mingxi Yang

List of Publications by Year in descending order

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458
papers

41,193
citations

2671

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times ranked

31900
citing authors

#	ARTICLE	IF	CITATIONS
1	Biocompatible Chemically Fueled Transient Polymer Nanoparticles for Temporally Programmable in Vivo Imaging. <i>CCS Chemistry</i> , 2023, 5, 669-681.	4.6	4
2	Gold Nanoparticle Enantiomers and Their Chiral-Morphology Dependence of Cellular Uptake. <i>CCS Chemistry</i> , 2022, 4, 660-670.	4.6	39
3	Ethanol-derived white emissive carbon dots: the formation process investigation and multi-color/white LEDs preparation. <i>Nano Research</i> , 2022, 15, 942-949.	5.8	91
4	Engineering the synergistic effect of carbon dots-stabilized atomic and subnanometric ruthenium as highly efficient electrocatalysts for robust hydrogen evolution. <i>SmartMat</i> , 2022, 3, 249-259.	6.4	38
5	Si-assisted N, P Co-doped room temperature phosphorescent carbonized polymer Dots: Information Encryption, graphic Anti-counterfeiting and biological imaging. <i>Journal of Colloid and Interface Science</i> , 2022, 609, 279-288.	5.0	35
6	Surface molecule induced effective light absorption and charge transfer for H ₂ production photocatalysis in a carbonized polymer dots-carbon nitride system. <i>Applied Catalysis B: Environmental</i> , 2022, 305, 121064.	10.8	14
7	Aggregation and luminescence in carbonized polymer dots. <i>Aggregate</i> , 2022, 3, e169.	5.2	77
8	Gold nanodots with stable red fluorescence for rapid dual-mode imaging of spinal cord and injury monitoring. <i>Talanta</i> , 2022, 241, 123241.	2.9	4
9	Oriented 2D Perovskite Wafers for Anisotropic X-ray Detection through a Fast Tableting Strategy. <i>Advanced Materials</i> , 2022, 34, e2108020.	11.1	43
10	Carbon-Dot-Enhanced Electrocatalytic Hydrogen Evolution. <i>Accounts of Materials Research</i> , 2022, 3, 319-330.	5.9	72
11	Halogen-Doped Carbon Dots on Amorphous Cobalt Phosphide as Robust Electrocatalysts for Overall Water Splitting. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	108
12	Chemical Fuel Mediated Self-Regulatory Polymer Brushes for Autonomous Fluorescence Modulator and Wettability Switcher. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100878.	2.0	4
13	Carbon Dots Embedded in Cellulose Film: Programmable, Performance-Tunable, and Large-Scale Subtle Fluorescent Patterning by <i>in Situ</i> Laser Writing. <i>ACS Nano</i> , 2022, 16, 2910-2920.	7.3	21
14	Instructive Hydrogels for Primary Tumor Cell Culture: Current Status and Outlook. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102479.	3.9	7
15	Balloon Inspired Conductive Hydrogel Strain Sensor for Reducing Radiation Damage in Peritumoral Organs During Brachytherapy. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	65
16	Soft-Hard Segment Combined Carbonized Polymer Dots for Flexible Optical Film with Superhigh Surface Hardness. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 14504-14512.	4.0	9
17	Energy Transfer Assisted Fast X-ray Detection in Direct/Indirect Hybrid Perovskite Wafer. <i>Advanced Science</i> , 2022, 9, e2103735.	5.6	20
18	Achieving blue water-dispersed room-temperature phosphorescence of carbonized polymer dots through nano-compositing with mesoporous silica. <i>Chinese Chemical Letters</i> , 2022, 33, 4213-4218.	4.8	15

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19	A Dual-Modal Magnetic Resonance/Photoacoustic Imaging Tracer for Long-Term High-Precision Tracking and Facilitating Repair of Peripheral Nerve Injuries. <i>Advanced Healthcare Materials</i> , 2022, 11, e2200183.	3.9	5
20	Confined-domain crosslink-enhanced emission effect in carbonized polymer dots. <i>Light: Science and Applications</i> , 2022, 11, 56.	7.7	60
21	Organic Amine-Bridged Quasi-2D Perovskite/PbS Colloidal Quantum Dots Composites for High-Gain Near-Infrared Photodetectors. <i>Nano Letters</i> , 2022, 22, 2277-2284.	4.5	16
22	Construction of Intelligent Responsive Drug Delivery System and Multi-Mode Imaging Based on Gold Nanodots. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2200034.	2.0	8
23	On/Off-Switchable Sequential Light-Harvesting Systems Based on Controllable Protein Nanosheets for Regulation of Photocatalysis. <i>ACS Nano</i> , 2022, 16, 8012-8021.	7.3	23
24	Carbon Dots in Bioimaging, Biosensing and Therapeutics: A Comprehensive Review. <i>Small Science</i> , 2022, 2, .	5.8	117
25	Supramolecular Interactions of Flexible 2D Perovskite in Microstrain Releasing and Optoelectronic Properties Recovery. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	13
26	Surface Stabilization of Colloidal Perovskite Nanocrystals via Multi-amine Chelating Ligands. <i>ACS Energy Letters</i> , 2022, 7, 1963-1970.	8.8	34
27	Crosslinking enhanced room-temperature phosphorescence of carbon dots. <i>SmartMat</i> , 2022, 3, 337-348.	6.4	42
28	Amine-Terminated Carbon Dots Linking Hole Transport Layer and Vertically Oriented Quasi-2D Perovskites through Hydrogen Bonds Enable Efficient LEDs. <i>ACS Nano</i> , 2022, 16, 9679-9690.	7.3	41
29	Electron-phonon coupling-assisted universal red luminescence of o-phenylenediamine-based carbon dots. <i>Light: Science and Applications</i> , 2022, 11, .	7.7	102
30	Photocatalytic upcycling of poly(ethylene terephthalate) plastic to high-value chemicals. <i>Applied Catalysis B: Environmental</i> , 2022, 316, 121662.	10.8	40
31	Solvent co-assembly in lead-free perovskite scintillators for stable and large-area X-ray imaging. <i>Journal of Materials Chemistry A</i> , 2022, 10, 15990-15998.	5.2	8
32	Phosphorus and Nitrogen Codoped Carbonized Polymer Dots with Multicolor Room Temperature Phosphorescence for Anticounterfeiting Painting. <i>Langmuir</i> , 2022, 38, 8304-8311.	1.6	10
33	Infliximab-based self-healing hydrogel composite scaffold enhances stem cell survival, engraftment, and function in rheumatoid arthritis treatment. <i>Acta Biomaterialia</i> , 2021, 121, 653-664.	4.1	29
34	Rational Design of Multi-Color-Emissive Carbon Dots in a Single Reaction System by Hydrothermal. <i>Advanced Science</i> , 2021, 8, 2001453.	5.6	194
35	Accurate SERS monitoring of the plasmon mediated UV/visible/NIR photocatalytic and photothermal catalytic process involving Ag@carbon dots. <i>Nanoscale</i> , 2021, 13, 1006-1015.	2.8	20
36	Insights into photoluminescence mechanisms of carbon dots: advances and perspectives. <i>Science Bulletin</i> , 2021, 66, 839-856.	4.3	288

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37	Single Atom Ruthenium-Doped CoP/CDs Nanosheets via Splicing of Carbon Dots for Robust Hydrogen Production. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7234-7244.	7.2	306
38	Polyhydroxy Ester Stabilized Perovskite for Low Noise and Large Linear Dynamic Range of Self-Powered Photodetectors. <i>Nano Letters</i> , 2021, 21, 1500-1507.	4.5	33
39	Zinc-Doped Carbon Dots as Effective Blue-Light-Activated Antibacterial Agent. <i>Nano</i> , 2021, 16, 2150031.	0.5	3
40	Single Atom Ruthenium-Doped CoP/CDs Nanosheets via Splicing of Carbon Dots for Robust Hydrogen Production. <i>Angewandte Chemie</i> , 2021, 133, 7310-7320.	1.6	13
41	Au nanoring arrays with tunable morphological features and plasmonic resonances. <i>Nano Research</i> , 2021, 14, 4674-4679.	5.8	9
42	Ultrasmall Red Fluorescent Gold Nanoclusters for Highly Biocompatible and Long-Time Nerve Imaging. <i>Particle and Particle Systems Characterization</i> , 2021, 38, 2100001.	1.2	6
43	Rational Design of Multicolor-Emitting Chiral Carbonized Polymer Dots for Full-Color and White Circularly Polarized Luminescence. <i>Angewandte Chemie</i> , 2021, 133, 14210-14218.	1.6	37
44	Rational Design of Multicolor-Emitting Chiral Carbonized Polymer Dots for Full-Color and White Circularly Polarized Luminescence. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14091-14099.	7.2	168
45	Red-emitting, self-oxidizing carbon dots for the preparation of white LEDs with super-high color rendering index. <i>Science China Chemistry</i> , 2021, 64, 1547-1553.	4.2	103
46	Novel Diabetic Foot Wound Dressing Based on Multifunctional Hydrogels with Extensive Temperature-Tolerant, Durable, Adhesive, and Intrinsic Antibacterial Properties. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 26770-26781.	4.0	73
47	Precursor-dependent structural diversity in luminescent carbonized polymer dots (CPDs): the nomenclature. <i>Light: Science and Applications</i> , 2021, 10, 142.	7.7	104
48	Magnesium Oxide-Assisted Dual-Cross-Linking Bio-Multifunctional Hydrogels for Wound Repair during Full-Thickness Skin Injuries. <i>Advanced Functional Materials</i> , 2021, 31, 2105718.	7.8	60
49	Biomimetic bioinks of nanofibrillar polymeric hydrogels for 3D bioprinting. <i>Nano Today</i> , 2021, 39, 101180.	6.2	9
50	Theoretical Understanding of Structure-Property Relationships in Luminescence of Carbon Dots. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 7671-7687.	2.1	111
51	Muscle-Inspired MXene Conductive Hydrogels with Anisotropy and Low-Temperature Tolerance for Wearable Flexible Sensors and Arrays. <i>Advanced Functional Materials</i> , 2021, 31, 2105264.	7.8	171
52	Low-Cost and Large-Area Hybrid X-Ray Detectors Combining Direct Perovskite Semiconductor and Indirect Scintillator. <i>Advanced Functional Materials</i> , 2021, 31, 2107843.	7.8	25
53	Computational Studies on Carbon Dots Electrocatalysis: A Review. <i>Advanced Functional Materials</i> , 2021, 31, 2107196.	7.8	46
54	Solid-State Red Laser with a Single Longitudinal Mode from Carbon Dots. <i>Angewandte Chemie</i> , 2021, 133, 25718-25725.	1.6	9

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55	Solid-State Red Laser with a Single Longitudinal Mode from Carbon Dots. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25514-25521.	7.2	59
56	Hydrogel Composites with Different Dimensional Nanoparticles for Bone Regeneration. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100362.	2.0	14
57	3D/2D Perovskite Single Crystals Heterojunction for Suppressed Ions Migration in Hard X-Ray Detection. <i>Advanced Functional Materials</i> , 2021, 31, 2104880.	7.8	47
58	Carbon dots as a new class of nanomedicines: Opportunities and challenges. <i>Coordination Chemistry Reviews</i> , 2021, 442, 214010.	9.5	158
59	Hollow mesoporous carbon nanocages with Fe isolated single atomic site derived from a MOF/polymer for highly efficient electrocatalytic oxygen reduction. <i>Journal of Materials Chemistry A</i> , 2021, 9, 22095-22101.	5.2	32
60	Deep-Blue Room-Temperature Phosphorescent Carbon Dots/Silica Microparticles from a Single Raw Material. <i>Langmuir</i> , 2021, 37, 13187-13193.	1.6	19
61	Mechanistic Study of Seed-Mediated Growth of Gold Rhombic Dodecahedra. <i>Journal of Physical Chemistry C</i> , 2021, 125, 27394-27402.	1.5	4
62	Nanocomposite hydrogels based on carbon dots and polymers. <i>Chinese Chemical Letters</i> , 2020, 31, 1443-1447.	4.8	50
63	Evaluation of the safety and protection efficacy of an attenuated genotype vii newcastle disease virus strain as a candidate vaccine. <i>Microbial Pathogenesis</i> , 2020, 139, 103831.	1.3	4
64	Aqueous-processed insulating polymer/nanocrystal solar cells with effective suppression of the leakage current and carrier recombination. <i>Chinese Chemical Letters</i> , 2020, 31, 1593-1597.	4.8	0
65	Spectroscopic studies of the optical properties of carbon dots: recent advances and future prospects. <i>Materials Chemistry Frontiers</i> , 2020, 4, 472-488.	3.2	79
66	Intracellular pH-propelled assembly of smart carbon nanodots and selective photothermal therapy for cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 188, 110724.	2.5	12
67	Carbon Dots-Implanted Graphitic Carbon Nitride Nanosheets for Photocatalysis: Simultaneously Manipulating Carrier Transport in Inter- and Intralayers. <i>Solar Rrl</i> , 2020, 4, 1900517.	3.1	35
68	Red fluorescent AuNDs with conjugation of cholera toxin subunit B (CTB) for extended-distance retro-nerve transporting and long-time neural tracing. <i>Acta Biomaterialia</i> , 2020, 102, 394-402.	4.1	19
69	In Situ Seed-Mediated Growth of Polymer-Grafted Gold Nanoparticles. <i>Langmuir</i> , 2020, 36, 789-795.	1.6	9
70	Ultrahigh-Sensitivity Sandwiched Plasmon Ruler for Label-Free Clinical Diagnosis. <i>Advanced Materials</i> , 2020, 32, e1905927.	11.1	20
71	Transparent Conductive Supramolecular Hydrogels with Stimuli-Responsive Properties for On-Demand Dissolvable Diabetic Foot Wound Dressings. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000441.	2.0	41
72	Recent advances in chiral carbonized polymer dots: From synthesis and properties to applications. <i>Nano Today</i> , 2020, 34, 100953.	6.2	95

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73	BiVO ₄ @Bi ₂ S ₃ Heterojunction Nanorods with Enhanced Charge Separation Efficiency for Multimodal Imaging and Synergy Therapy of Tumor. ACS Applied Bio Materials, 2020, 3, 5080-5092.	2.3	16
74	A Flexible Polymer Nanofiber-Gold Nanoparticle Composite Film for Solar-Thermal Seawater Desalination. Macromolecular Rapid Communications, 2020, 41, e2000390.	2.0	12
75	Self-Assembly of Au Nanoclusters into Helical Ribbons by Manipulating the Flexibility of Capping Ligands. Langmuir, 2020, 36, 14614-14622.	1.6	6
76	Carbonized Polymer Dots with Tunable Room-Temperature Phosphorescence Lifetime and Wavelength. ACS Applied Materials & Interfaces, 2020, 12, 38593-38601.	4.0	90
77	Highly efficient core-shell Ag@carbon dot modified TiO ₂ nanofibers for photocatalytic degradation of organic pollutants and their SERS monitoring. RSC Advances, 2020, 10, 26639-26645.	1.7	13
78	Enhanced charge separation and photocatalytic hydrogen evolution in carbonized-polymer-dot-coupled lead halide perovskites. Materials Horizons, 2020, 7, 2719-2725.	6.4	38
79	Magnetic targeting enhances the cutaneous wound healing effects of human mesenchymal stem cell-derived iron oxide exosomes. Journal of Nanobiotechnology, 2020, 18, 113.	4.2	78
80	Ascorbic Acid-PEI Carbon Dots with Osteogenic Effects as miR-2861 Carriers to Effectively Enhance Bone Regeneration. ACS Applied Materials & Interfaces, 2020, 12, 50287-50302.	4.0	40
81	Efficacy of Fe ₃ O ₄ @polydopamine nanoparticle-labeled human umbilical cord Wharton's jelly-derived mesenchymal stem cells in the treatment of streptozotocin-induced diabetes in rats. Biomaterials Science, 2020, 8, 5362-5375.	2.6	10
82	Sensitive and Stable 2D Perovskite Single-Crystal X-ray Detectors Enabled by a Supramolecular Anchor. Advanced Materials, 2020, 32, e2003790.	11.1	159
83	Carbon Dots Induce Epithelial-Mesenchymal Transition for Promoting Cutaneous Wound Healing via Activation of TGF- β 3/Smad Pathway. Advanced Functional Materials, 2020, 30, 2004886.	7.8	19
84	Metal Halide Perovskite Nanocrystal Solar Cells: Progress and Challenges. Small Methods, 2020, 4, 2000419.	4.6	30
85	<p></p>Anti-Inflammatory Effects of Magnetically Targeted Mesenchymal Stem Cells on Laser-Induced Skin Injuries in Rats</p>. International Journal of Nanomedicine, 2020, Volume 15, 5645-5659.	3.3	10
86	Fluorescent Nanofibrillar Hydrogels of Carbon Dots and Cellulose Nanocrystals and Their Biocompatibility. ACS Sustainable Chemistry and Engineering, 2020, 8, 18492-18499.	3.2	28
87	Carbon Dots: A New Type of Carbon-Based Nanomaterial with Wide Applications. ACS Central Science, 2020, 6, 2179-2195.	5.3	793
88	<p></p>Magnetic Targeting of HU-MSCs in the Treatment of Glucocorticoid-Associated Osteonecrosis of the Femoral Head Through Akt/Bcl2/Bad/Caspase-3 Pathway</p>. International Journal of Nanomedicine, 2020, Volume 15, 3605-3620.	3.3	14
89	Injectable thermosensitive chitosan/gelatin-based hydrogel carried erythropoietin to effectively enhance maxillary sinus floor augmentation in vivo. Dental Materials, 2020, 36, e229-e240.	1.6	20
90	Bioinspired mineral hydrogels as nanocomposite scaffolds for the promotion of osteogenic marker expression and the induction of bone regeneration in osteoporosis. Acta Biomaterialia, 2020, 113, 614-626.	4.1	47

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91	Recent Advances in Energy Conversion Applications of Carbon Dots: From Optoelectronic Devices to Electrocatalysis. <i>Small</i> , 2020, 16, e2001295.	5.2	113
92	In Vivo Imaging: Multiplexed NIR-II Probes for Lymph Node-Invaded Cancer Detection and Imaging-Guided Surgery (<i>Adv. Mater.</i> 11/2020). <i>Advanced Materials</i> , 2020, 32, 2070086.	11.1	6
93	Surface Ligands Management for Efficient CsPbBr ₂ Perovskite Nanocrystal Solar Cells. <i>Solar Rrl</i> , 2020, 4, 2000102.	3.1	25
94	Preparation of textured and transparent BiVO ₄ photoelectrodes based on Mo-doped BiVO ₄ nanoparticles for constructing a stand-alone tandem water splitting device. <i>Chemical Communications</i> , 2020, 56, 4156-4159.	2.2	18
95	Deep Red Emissive Carbonized Polymer Dots with Unprecedented Narrow Full Width at Half Maximum. <i>Advanced Materials</i> , 2020, 32, e1906641.	11.1	271
96	Advanced functional polymer materials. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1803-1915.	3.2	117
97	Osteopromotive carbon dots promote bone regeneration through the PERK-eIF2 β -ATF4 pathway. <i>Biomaterials Science</i> , 2020, 8, 2840-2852.	2.6	22
98	Synthesis of dual functional procaine-derived carbon dots for bioimaging and anticancer therapy. <i>Nanomedicine</i> , 2020, 15, 677-689.	1.7	17
99	Micro-/nanostructures meet anisotropic wetting: from preparation methods to applications. <i>Materials Horizons</i> , 2020, 7, 2566-2595.	6.4	58
100	Self-Enhanced Carbonized Polymer Dots for Selective Visualization of Lysosomes and Real-Time Apoptosis Monitoring. <i>IScience</i> , 2020, 23, 100982.	1.9	21
101	Underwater Superoleophobic Surface Based on Silica Hierarchical Cylinder Arrays with a Low Aspect Ratio. <i>ACS Nano</i> , 2020, 14, 9166-9175.	7.3	30
102	The preparation of hollow Fe ₃ O ₄ /Pd@C NCs to stabilize subminiature Pd nanoparticles for the reduction of 4-nitrophenol. <i>New Journal of Chemistry</i> , 2020, 44, 4869-4876.	1.4	7
103	Crosslink-Enhanced Emission Effect on Luminescence in Polymers: Advances and Perspectives. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9826-9840.	7.2	169
104	Crosslink-Enhanced Emission Effect on Luminescence in Polymers: Advances and Perspectives. <i>Angewandte Chemie</i> , 2020, 132, 9910-9924.	1.6	36
105	Ultrathin BiOX (X = Cl, Br, I) Nanosheets with Exposed {001} Facets for Photocatalysis. <i>ACS Applied Nano Materials</i> , 2020, 3, 1981-1991.	2.4	100
106	Energy Level Modification with Carbon Dot Interlayers Enables Efficient Perovskite Solar Cells and Quantum Dot Based Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2020, 30, 1910530.	7.8	72
107	Synchronously integration of Co, Fe dual-metal doping in Ru@C and CDs for boosted water splitting performances in alkaline media. <i>Applied Catalysis B: Environmental</i> , 2020, 267, 118657.	10.8	82
108	Dual-emission hydrogel nanoparticles with linear and reversible luminescence-response to pH for intracellular fluorescent probes. <i>Talanta</i> , 2020, 211, 120755.	2.9	6

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109	Multiplexed NIR-Fluorescence Probes for Lymph Node-Invaded Cancer Detection and Imaging-Guided Surgery. <i>Advanced Materials</i> , 2020, 32, e1907365.	11.1	163
110	Cesium-Lead Bromide Perovskite Nanoribbons with Two-Unit-Cell Thickness and Large Lateral Dimension for Deep-Blue Light Emission. <i>ACS Applied Nano Materials</i> , 2020, 3, 4826-4836.	2.4	8
111	Development of Halide Perovskite Single Crystal for Radiation Detection Applications. <i>Frontiers in Chemistry</i> , 2020, 8, 268.	1.8	25
112	Facile Strategy for Facet Competition Management to Improve the Performance of Perovskite Single-Crystal X-ray Detectors. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 3529-3535.	2.1	60
113	Current progress in carbon dots: synthesis, properties and applications. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1287-1288.	3.2	13
114	A highly efficient overall water splitting ruthenium-cobalt alloy electrocatalyst across a wide pH range via electronic coupling with carbon dots. <i>Journal of Materials Chemistry A</i> , 2020, 8, 9638-9645.	5.2	88
115	High-sensitivity microliter blood pressure sensors based on patterned micro-nanostructure arrays. <i>Lab on A Chip</i> , 2020, 20, 1554-1561.	3.1	8
116	Hetero-atom-doped carbon dots: Doping strategies, properties and applications. <i>Nano Today</i> , 2020, 33, 100879.	6.2	318
117	Carbon quantum dots enhanced the activity for the hydrogen evolution reaction in ruthenium-based electrocatalysts. <i>Materials Chemistry Frontiers</i> , 2020, 4, 277-284.	3.2	95
118	Carbonized Polymer Dots: A Brand New Perspective to Recognize Luminescent Carbon-Based Nanomaterials. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5182-5188.	2.1	197
119	Near-infrared emissive carbon dots with 33.96% emission in aqueous solution for cellular sensing and light-emitting diodes. <i>Science Bulletin</i> , 2019, 64, 1285-1292.	4.3	240
120	Tumor Microenvironment-Responsive Nanoshuttles with Sodium Citrate Modification for Hierarchical Targeting and Improved Tumor Theranostics. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 25730-25739.	4.0	29
121	Biomass-Derived Carbon Dots and Their Applications. <i>Energy and Environmental Materials</i> , 2019, 2, 172-192.	7.3	295
122	Facile Synthesis of ZnO-Au Nanopetals and Their Application for Biomolecule Determinations. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 924-928.	1.3	5
123	Managing Energy Loss in Inorganic Lead Halide Perovskites Solar Cells. <i>Advanced Materials Interfaces</i> , 2019, 6, 1901136.	1.9	19
124	Evolution and Synthesis of Carbon Dots: From Carbon Dots to Carbonized Polymer Dots. <i>Advanced Science</i> , 2019, 6, 1901316.	5.6	760
125	Iron oxide nanoparticles promote the migration of mesenchymal stem cells to injury sites. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 573-589.	3.3	54
126	Multidrug resistant tumors-aimed theranostics on the basis of strong electrostatic attraction between resistant cells and nanomaterials. <i>Biomaterials Science</i> , 2019, 7, 4990-5001.	2.6	9

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127	Pressure-controlled microfluidic sub-picoliter ultramicro-volume syringes based on integrated micro-nanostructure arrays. <i>Lab on A Chip</i> , 2019, 19, 3368-3374.	3.1	2
128	A brand-new generation of fluorescent nano-neural tracers: biotinylated dextran amine conjugated carbonized polymer dots. <i>Biomaterials Science</i> , 2019, 7, 1574-1583.	2.6	25
129	Deep-elliptical-silver-nanowell arrays (d-EAgNWAs) fabricated by stretchable imprinting combining colloidal lithography: A highly sensitive plasmonic sensing platform. <i>Nano Research</i> , 2019, 12, 845-853.	5.8	5
130	Targeting mitochondria with Au@Ag@Polydopamine nanoparticles for papillary thyroid cancer therapy. <i>Biomaterials Science</i> , 2019, 7, 1052-1063.	2.6	31
131	Hierarchical Hollow Nanocages Derived from Polymer/Cobalt Complexes for Electrochemical Overall Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10912-10919.	3.2	31
132	One-step preparation of silica microspheres with super-stable ultralong room temperature phosphorescence. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8680-8687.	2.7	40
133	Surface-Oxidized Amorphous Fe Nanoparticles Supported on Reduced Graphene Oxide Sheets for Microwave Absorption. <i>ACS Applied Nano Materials</i> , 2019, 2, 4367-4376.	2.4	37
134	Kilogram-scale synthesis of carbon quantum dots for hydrogen evolution, sensing and bioimaging. <i>Chinese Chemical Letters</i> , 2019, 30, 2323-2327.	4.8	172
135	Oxygen-Defective Ultrathin BiVO ₄ Nanosheets for Enhanced Gas Sensing. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 23495-23502.	4.0	81
136	Biomimetic Composite Scaffolds to Manipulate Stem Cells for Aiding Rheumatoid Arthritis Management. <i>Advanced Functional Materials</i> , 2019, 29, 1807860.	7.8	54
137	Pressure-triggered aggregation-induced emission enhancement in red emissive amorphous carbon dots. <i>Nanoscale Horizons</i> , 2019, 4, 1227-1231.	4.1	85
138	Skin-Inspired Antibacterial Conductive Hydrogels for Epidermal Sensors and Diabetic Foot Wound Dressings. <i>Advanced Functional Materials</i> , 2019, 29, 1901474.	7.8	371
139	Highly Efficient Aqueous-Processed Hybrid Solar Cells: Control Depletion Region and Improve Carrier Extraction. <i>Advanced Energy Materials</i> , 2019, 9, 1803849.	10.2	6
140	Highly ordered 3D-silver nanoring arrays (3D-AgNRAs) for refractometric sensing. <i>Journal of Materials Chemistry C</i> , 2019, 7, 7681-7691.	2.7	10
141	Controllable acidophilic dual-emission fluorescent carbonized polymer dots for selective imaging of bacteria. <i>Nanoscale</i> , 2019, 11, 9526-9532.	2.8	36
142	<i>In vivo</i> migration of Fe ₃ O ₄ @polydopamine nanoparticle-labeled mesenchymal stem cells to burn injury sites and their therapeutic effects in a rat model. <i>Biomaterials Science</i> , 2019, 7, 2861-2872.	2.6	34
143	Morphological and Interfacial Engineering of Cobalt-Based Electrocatalysts by Carbon Dots for Enhanced Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 7047-7057.	3.2	65
144	Ionic-State Cobalt and Iron Co-doped Carbon Dots with Superior Electrocatalytic Activity for the Oxygen Evolution Reaction. <i>ChemElectroChem</i> , 2019, 6, 2088-2094.	1.7	26

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