

Guan Wu

List of Publications by Year in descending order

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254
papers

12,887
citations

23567

58
h-index

31849

101
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261
docs citations

261
times ranked

13733
citing authors

#	ARTICLE	IF	CITATIONS
1	Solar-Initiated Frontal Polymerization of Photothermic Hydrogels with High Swelling Properties for Efficient Water Evaporation. <i>Solar Rrl</i> , 2022, 6, 2100917.	5.8	10
2	Rapid Preparation of Dual Cross-Linked Mechanical Strengthening Hydrogels via Frontal Polymerization for use as Shape Deformable Actuators. <i>ACS Applied Polymer Materials</i> , 2022, 4, 1457-1465.	4.4	6
3	Highly branched amylopectin binder for sulfur cathodes with enhanced performance and longevity. <i>Exploration</i> , 2022, 2, 20210131.	11.0	23
4	Advances in frontal polymerization strategy: From fundamentals to applications. <i>Progress in Polymer Science</i> , 2022, 127, 101514.	24.7	55
5	Yellow-Emissive Carbon Dots with High Solid-State Photoluminescence. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	84
6	In situ preparation of graphene oxide-CdTe nanocomposites with interesting optical properties. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, 1.	2.3	1
7	Multistimulus-Responsive Graphene Oxide/Fe ₃ O ₄ /Starch Soft Actuators. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 16772-16779.	8.0	18
8	Microfluidic-assembled hierarchical macro-microporous graphene fabrics towards high-performance robust supercapacitors. <i>Chemical Engineering Journal</i> , 2022, 440, 135878.	12.7	12
9	Microfluidic Fabrication of Hierarchical Ordered ZIF@Ti ₃ C ₂ T _x Core-Shell Fibers for High-Performance Asymmetric Supercapacitors. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	6
10	Microfluidic Fabrication of Hierarchical Ordered ZIF@Ti ₃ C ₂ T _x Core-Shell Fibers for High-Performance Asymmetric Supercapacitors. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	76
11	3D Printed Biocatalytic Living Materials with Dual-Network Reinforced Bioinks. <i>Small</i> , 2022, 18, e2104820.	10.0	29
12	Large-Scale Production of Ligand-Engineered Robust Lead Halide Perovskite Nanocrystals by a Droplet-Based Microreactor System. <i>Small</i> , 2022, 18, e2200740.	10.0	17
13	Interfacial Polymetallic Oxides and Hierarchical Porous Core-Shell Fibres for High Energy-Density Electrochemical Supercapacitors. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	6
14	Fibrous Nanoreactors from Microfluidic Blow Spinning for Mass Production of Highly Stable Ligand-Free Perovskite Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	21
15	Interfacial Polymetallic Oxides and Hierarchical Porous Core-Shell Fibres for High Energy-Density Electrochemical Supercapacitors. <i>Angewandte Chemie - International Edition</i> , 2022, , .	13.8	27
16	Fibrous Nanoreactors from Microfluidic Blow Spinning for Mass Production of Highly Stable Ligand-Free Perovskite Quantum Dots. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	5
17	Review on Microfluidic Construction of Advanced Nanomaterials for High-Performance Energy Storage Applications. <i>Energy & Fuels</i> , 2022, 36, 4708-4727.	5.1	10
18	Micro-Gel Ensembles for Accelerated Healing of Chronic Wound via pH Regulation. <i>Advanced Science</i> , 2022, 9, .	11.2	69

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19	Facile synthesis of self-healing gels via frontal polymerization toward acid–base regulatable wound dressing. <i>Journal of Materials Science</i> , 2022, 57, 12971-12984.	3.7	4
20	Ordered Interface Engineering Enabled High-Performance Ti ₃ C ₂ T _x MXene Fiber-Based Supercapacitors. <i>Energy & Fuels</i> , 2022, 36, 7898-7907.	5.1	11
21	Two-Dimensional Hybrid Nanosheet-Based Supercapacitors: From Building Block Architecture, Fiber Assembly, and Fabric Construction to Wearable Applications. <i>ACS Nano</i> , 2022, 16, 10130-10155.	14.6	47
22	The Rapid and Large-Scale Production of Carbon Quantum Dots and their Integration with Polymers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8585-8595.	13.8	88
23	The Rapid and Large-Scale Production of Carbon Quantum Dots and their Integration with Polymers. <i>Angewandte Chemie</i> , 2021, 133, 8668-8678.	2.0	9
24	Microfluidic synthesis of robust carbon dots-functionalized photonic crystals. <i>Chemical Engineering Journal</i> , 2021, 405, 126539.	12.7	13
25	Sessile Microdroplet-Based Writing Board for Patterning of Structural Colored Hydrogels. <i>Advanced Materials Interfaces</i> , 2021, 8, 2001201.	3.7	6
26	Rapid visualized hydrophobic-force-driving self-assembly towards brilliant photonic crystals. <i>Chemical Engineering Journal</i> , 2021, 420, 127582.	12.7	9
27	Robust Nanofiber Films Prepared by Electro-Microfluidic Spinning for Flexible Highly Stable Quantum-Dot Displays. <i>Advanced Electronic Materials</i> , 2021, 7, 2000626.	5.1	16
28	Photonic Plasticines with Uniform Structural Colors, High Processability, and Self-Healing Properties. <i>Small</i> , 2021, 17, e2007426.	10.0	23
29	Armored colloidal photonic crystals for solar evaporation. <i>Nanoscale</i> , 2021, 13, 16189-16196.	5.6	5
30	Microfluidic spinning-induced heterotypic bead-on-string fibers for dual-cargo release and wound healing. <i>Journal of Materials Chemistry B</i> , 2021, 9, 2727-2735.	5.8	12
31	Self-Loomotive Soft Actuator Based on Asymmetric Microstructural Ti ₃ C ₂ T _x MXene Film Driven by Natural Sunlight Fluctuation. <i>ACS Nano</i> , 2021, 15, 5294-5306.	14.6	103
32	A Covalent Black Phosphorus/Metal-Organic Framework Hetero-nanostructure for High-Performance Flexible Supercapacitors. <i>Angewandte Chemie</i> , 2021, 133, 10454-10462.	2.0	11
33	A Covalent Black Phosphorus/Metal-Organic Framework Hetero-nanostructure for High-Performance Flexible Supercapacitors. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10366-10374.	13.8	82
34	Self-contained Janus Aerogel with Antifouling and Salt-Rejecting Properties for Stable Solar Evaporation. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 18829-18837.	8.0	86
35	Fabrication of magnetically driven photonic crystal fiber film via microfluidic blow-spinning towards dynamic biomimetic butterfly. <i>Materials Letters</i> , 2021, 291, 129450.	2.6	7
36	Two-Dimensional Nanosheets-Based Soft Electro-Chemo-Mechanical Actuators: Recent Advances in Design, Construction, and Applications. <i>ACS Nano</i> , 2021, 15, 9273-9298.	14.6	55

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37	Microfluidic-assisted assembly of fluorescent self-healing gel particles toward dual-signal sensors. <i>Journal of Materials Science</i> , 2021, 56, 14832-14843.	3.7	4
38	Carbon dots promoted photonic crystal for optical information storage and sensing. <i>Chemical Engineering Journal</i> , 2021, 415, 128950.	12.7	47
39	Covalently Aligned Molybdenum Disulfide@Carbon Nanotubes Heteroarchitecture for High-Performance Electrochemical Capacitors. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21295-21303.	13.8	36
40	Covalently Aligned Molybdenum Disulfide@Carbon Nanotubes Heteroarchitecture for High-Performance Electrochemical Capacitors. <i>Angewandte Chemie</i> , 2021, 133, 21465-21473.	2.0	5
41	Light-Driven Self-Oscillating Actuators with Phototactic Locomotion Based on Black Phosphorus Heterostructure. <i>Angewandte Chemie</i> , 2021, 133, 20674-20680.	2.0	3
42	Light-Driven Self-Oscillating Actuators with Phototactic Locomotion Based on Black Phosphorus Heterostructure. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20511-20517.	13.8	82
43	Conformal Microfluidic-Blow-Spun 3D Photothermal Catalytic Spherical Evaporator for Omnidirectional Enhanced Solar Steam Generation and CO ₂ Reduction. <i>Advanced Science</i> , 2021, 8, e2101232.	11.2	68
44	In Situ Synthesis of Robust Polyvinylpyrrolidone-Based Perovskite Nanocrystal Powders by the Fiber-Spinning Chemistry Method and Their Versatile 3D Printing Patterns. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 39748-39754.	8.0	13
45	Graphene Fiber-Based Wearable Supercapacitors: Recent Advances in Design, Construction, and Application. <i>Small Methods</i> , 2021, 5, e2100502.	8.6	33
46	Rapid Fabrication of Patterned Gels via Microchannel-Conformal Frontal Polymerization. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2100421.	3.9	6
47	Frontispiece: Covalently Aligned Molybdenum Disulfide@Carbon Nanotubes Heteroarchitecture for High-Performance Electrochemical Capacitors. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	13.8	0
48	Frontispiz: Covalently Aligned Molybdenum Disulfide@Carbon Nanotubes Heteroarchitecture for High-Performance Electrochemical Capacitors. <i>Angewandte Chemie</i> , 2021, 133, .	2.0	0
49	A Phase Inversion-Based Microfluidic Fabrication of Helical Microfibers towards Versatile Artificial Abdominal Skin. <i>Angewandte Chemie</i> , 2021, 133, 25293.	2.0	5
50	A Phase Inversion-Based Microfluidic Fabrication of Helical Microfibers towards Versatile Artificial Abdominal Skin. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25089-25096.	13.8	24
51	Versatile titanium dioxide inverse opal composite photonic hydrogel films towards multi-solvents chip sensors. <i>Sensors and Actuators B: Chemical</i> , 2021, 347, 130639.	7.8	22
52	Carbon Dot-Functionalized Colloidal Particles for Patterning and Controllable Layer-Structured Photonic Crystals Construction. <i>ACS Applied Polymer Materials</i> , 2021, 3, 6130-6137.	4.4	6
53	Microfluidics-Assisted Assembly of Injectable Photonic Hydrogels toward Reflective Cooling. <i>Small</i> , 2020, 16, e1903939.	10.0	63
54	Green Synthesis of Carbon Dots toward Anti-Counterfeiting. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 1566-1572.	6.7	114

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55	Rapid and Large-Scale Production of Multi-Fluorescence Carbon Dots by a Magnetic Hyperthermia Method. <i>Angewandte Chemie</i> , 2020, 132, 3123-3129.	2.0	11
56	MOF-Based Photonic Crystal Film toward Separation of Organic Dyes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2816-2825.	8.0	38
57	Crystal Transformation from the Incorporation of Coordinate Bonds into a Hydrogen-Bonded Network Yields Robust Free-Standing Supramolecular Membranes. <i>Journal of the American Chemical Society</i> , 2020, 142, 479-486.	13.7	35
58	Rapid and Large-Scale Production of Multi-Fluorescence Carbon Dots by a Magnetic Hyperthermia Method. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3099-3105.	13.8	97
59	Robust Self-Healing Magnetically Induced Colloidal Photonic Crystal Hydrogels. <i>ACS Applied Polymer Materials</i> , 2020, 2, 448-454.	4.4	13
60	Microfluidic-Architected Nanoarrays/Porous Core-Shell Fibers toward Robust Micro-Energy Storage. <i>Advanced Science</i> , 2020, 7, 1901931.	11.2	47
61	Anisotropic Boron-Carbon Hetero-Nanosheets for Ultrahigh Energy Density Supercapacitors. <i>Angewandte Chemie</i> , 2020, 132, 24008-24017.	2.0	12
62	Green and high yield synthesis of CdTe@Hydrotalcite nanocrystals with enhanced photoluminescence stability toward white light emitting diodes. <i>Journal of Luminescence</i> , 2020, 228, 117625.	3.1	3
63	Macroscopic Self-Assembly of Gel-Based Microfibers toward Functional Nonwoven Fabrics. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 50823-50833.	8.0	10
64	Microfluidic-Oriented Synthesis of Graphene Oxide Nanosheets toward High Energy Density Supercapacitors. <i>Energy & Fuels</i> , 2020, 34, 11519-11526.	5.1	21
65	Construction of triple non-covalent interaction-based ultra-strong self-healing polymeric gels via frontal polymerization. <i>Journal of Materials Chemistry C</i> , 2020, 8, 14083-14091.	5.5	17
66	Robust hydrophobic zeolite-based colloidal photonic crystals towards fluorescence enhancement of quantum dots. <i>Nanoscale</i> , 2020, 12, 19953-19962.	5.6	15
67	Anisotropic Boron-Carbon Hetero-Nanosheets for Ultrahigh Energy Density Supercapacitors. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23800-23809.	13.8	61
68	Synthesis of quantum dots based on microfluidic technology. <i>Current Opinion in Chemical Engineering</i> , 2020, 29, 34-41.	7.8	19
69	Large-Scale Fabrication of Robust Artificial Skins from a Biodegradable Sealant-Loaded Nanofiber Scaffold to Skin Tissue via Microfluidic Blow-Spinning. <i>Advanced Materials</i> , 2020, 32, e2000982.	21.0	99
70	Facile synthesis of red dual-emissive carbon dots for ratiometric fluorescence sensing and cellular imaging. <i>Nanoscale</i> , 2020, 12, 5494-5500.	5.6	68
71	Magnetothermal Microfluidic-Assisted Hierarchical Microfibers for Ultrahigh-Energy-Density Supercapacitors. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7934-7943.	13.8	57
72	Magnetothermal microfluidic-directed synthesis of quantum dots. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6358-6363.	5.5	10

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73	Magnetothermal Microfluidic-Assisted Hierarchical Microfibers for Ultrahigh-Energy-Density Supercapacitors. <i>Angewandte Chemie</i> , 2020, 132, 8008-8017.	2.0	22
74	Host-guest supramolecular assembly directing beta-cyclodextrin based nanocrystals towards their robust performances. <i>Journal of Hazardous Materials</i> , 2019, 361, 329-337.	12.4	17
75	A facile synthesis of self-healing hydrogels toward flexible quantum dot-based luminescent solar concentrators and white LEDs. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10988-10995.	5.5	18
76	Hydrophobic Poly(tert-butyl acrylate) Photonic Crystals towards Robust Energy-Saving Performance. <i>Angewandte Chemie</i> , 2019, 131, 13690-13698.	2.0	14
77	Self-Healing Hydrogel toward Metal Ion Rapid Removal via Available Solar-Driven Fashion. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 17067-17074.	3.7	16
78	Preparation of heterostructure quantum dots towards wide-colour-gamut display. <i>Materials Letters</i> , 2019, 254, 171-174.	2.6	9
79	Facile synthesis of carbon nanobranched towards cobalt ion sensing and high-performance micro-supercapacitors. <i>Nanoscale Advances</i> , 2019, 1, 3614-3620.	4.6	5
80	Hydrophobic Poly(tert-butyl acrylate) Photonic Crystals towards Robust Energy-Saving Performance. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13556-13564.	13.8	110
81	Spherical Colloidal Photonic Crystals with Selected Lattice Plane Exposure and Enhanced Color Saturation for Dynamic Optical Displays. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 42629-42634.	8.0	43
82	Multifunctional Micro/Nanoscale Fibers Based on Microfluidic Spinning Technology. <i>Advanced Materials</i> , 2019, 31, e1903733.	21.0	161
83	Hierarchical Micro-Mesoporous Carbon-Framework-Based Hybrid Nanofibres for High-Density Capacitive Energy Storage. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17465-17473.	13.8	89
84	Fiber-Spinning-Chemistry Method toward In Situ Generation of Highly Stable Halide Perovskite Nanocrystals. <i>Advanced Science</i> , 2019, 6, 1901694.	11.2	55
85	Synthesis and Characterization of pH-sensitive Poly(IA-co-AA-co-AAm) Hydrogels via Frontal Polymerization. <i>Journal of Polymer Science Part A</i> , 2019, 57, 2214-2221.	2.3	7
86	Hierarchical Micro-Mesoporous Carbon-Framework-Based Hybrid Nanofibres for High-Density Capacitive Energy Storage. <i>Angewandte Chemie</i> , 2019, 131, 17626-17634.	2.0	13
87	Large-scale colloidal films with robust structural colors. <i>Materials Horizons</i> , 2019, 6, 90-96.	12.2	106
88	Fabrication of colorful colloidal photonic crystal fibers via a microfluidic spinning technique. <i>Materials Letters</i> , 2019, 242, 179-182.	2.6	23
89	Multifunctional Soft Actuators Based on Anisotropic Paper/Polymer Bilayer Toward Bioinspired Applications. <i>Advanced Materials Technologies</i> , 2019, 4, 1800674.	5.8	37
90	Actuators: High-Performance Hierarchical Black-Phosphorous-Based Soft Electrochemical Actuators in Bioinspired Applications (<i>Adv. Mater.</i> 25/2019). <i>Advanced Materials</i> , 2019, 31, 1970181.	21.0	8

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91	Cascade alkylation and deuteration with aryl iodides via Pd/norbornene catalysis: an efficient method for the synthesis of congested deuterium-labeled arenes. <i>Chemical Communications</i> , 2019, 55, 8567-8570.	4.1	13
92	A bioinspired multi-functional wearable sensor with an integrated light-induced actuator based on an asymmetric graphene composite film. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6879-6888.	5.5	42
93	High-Performance Hierarchical Black-Phosphorous-Based Soft Electrochemical Actuators in Bioinspired Applications. <i>Advanced Materials</i> , 2019, 31, e1806492.	21.0	118
94	Fabrication of amphiphilic quantum dots towards high-colour-quality light-emitting devices. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4244-4249.	5.5	23
95	Frontal Polymerization-Oriented Self-Healing Hydrogels and Applications toward Temperature-Triggered Actuators. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 3885-3892.	3.7	17
96	Reduced Graphene Oxide Membrane Induced Robust Structural Colors toward Personal Thermal Management. <i>ACS Photonics</i> , 2019, 6, 116-122.	6.6	54
97	Facile fabrication of novel konjac glucomannan films with antibacterial properties via microfluidic spinning strategy. <i>Carbohydrate Polymers</i> , 2019, 208, 469-476.	10.2	36
98	Constructing honeycomb architectures from polymer carbon dot composites for luminous efficacy enhancement of LEDs. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	2
99	Frontal polymerization for smart intrinsic self-healing hydrogels and its integration with microfluidics. <i>Journal of Polymer Science Part A</i> , 2018, 56, 1412-1423.	2.3	14
100	Microfluidic-Spinning-Directed Conductive Fibers toward Flexible Micro-Supercapacitors. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1700664.	3.6	36
101	Enriched carbon dots/graphene microfibers towards high-performance micro-supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 14112-14119.	10.3	80
102	Microfluidic printing directing photonic crystal bead 2D code patterns. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2336-2341.	5.5	24
103	Generation of a carbon dots/ammonium persulfate redox initiator couple for free radical frontal polymerization. <i>Polymer Chemistry</i> , 2018, 9, 420-427.	3.9	17
104	Patterned Arrays of Supramolecular Microcapsules. <i>Advanced Functional Materials</i> , 2018, 28, 1800550.	14.9	31
105	Construction of microfluidic-oriented polyaniline nanorod arrays/graphene composite fibers for application in wearable micro-supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8940-8946.	10.3	87
106	Infrared laser-ignited horizontal frontal polymerization of versatile unsaturated polyester resins. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45935.	2.6	2
107	Macroscopic Self-Assembly: Versatile Hydrogel Ensembles with Macroscopic Multidimensions (Adv.) <i>Tj ETQq1 1 0,784314 rgBT /Overl</i>	21.0	8
108	Microfluidic-Directed Hydrogel Fabrics Based on Interfibrillar Self-Healing Effects. <i>Chemistry of Materials</i> , 2018, 30, 8822-8828.	6.7	42

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109	Versatile Hydrogel Ensembles with Macroscopic Multidimensions. <i>Advanced Materials</i> , 2018, 30, 1803475.	21.0	41
110	Microfluidic-spinning construction of black-phosphorus-hybrid microfibres for non-woven fabrics toward a high energy density flexible supercapacitor. <i>Nature Communications</i> , 2018, 9, 4573.	12.8	181
111	Recognition of Latent Fingerprints and Ink-Free Printing Derived from Interfacial Segregation of Carbon Dots. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 39205-39213.	8.0	51
112	Highly Enhanced Luminescence Performance of LEDs via Controllable Layer-Structured 3D Photonic Crystals and Photonic Crystal Beads. <i>Small Methods</i> , 2018, 2, 1800104.	8.6	32
113	Dendrimer-induced colloids towards robust fluorescent photonic crystal films and high performance WLEDs. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8187-8193.	5.5	28
114	Facile Access to Wearable Device via Microfluidic Spinning of Robust and Aligned Fluorescent Microfibers. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 30785-30793.	8.0	35
115	One-Step Synthesis of FA-Directing FAPbBr_3 Perovskite Nanocrystals toward High-Performance Display. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 31603-31609.	8.0	54
116	Fabrication of ordered konjac glucomannan microfiber arrays via facile microfluidic spinning method. <i>Materials Letters</i> , 2017, 196, 410-413.	2.6	20
117	High-performance Supercapacitors Based on Electrochemical-induced Vertical-aligned Carbon Nanotubes and Polyaniline Nanocomposite Electrodes. <i>Scientific Reports</i> , 2017, 7, 43676.	3.3	120
118	High-quality CsPbBr_3 perovskite nanocrystals for quantum dot light-emitting diodes. <i>RSC Advances</i> , 2017, 7, 10391-10396.	3.6	202
119	Construction of Hydrogen-Bond-Assisted Crack-Free Photonic Crystal Films and Their Performance on Fluorescence Enhancement Effect. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1700013.	3.6	26
120	Facile synthesis of self-healing gel via magnetocaloric bottom-initiated frontal polymerization. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2585-2593.	2.3	14
121	Electrically and Sunlight-Driven Actuator with Versatile Biomimetic Motions Based on Rolled Carbon Nanotube Bilayer Composite. <i>Advanced Functional Materials</i> , 2017, 27, 1704388.	14.9	211
122	In situ fabrication of halide perovskite nanocrystals embedded in polymer composites via microfluidic spinning microreactors. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9398-9404.	5.5	115
123	Highly sensitive mechanochromic photonic gel towards fast- responsive fingerprinting. <i>RSC Advances</i> , 2017, 7, 33258-33262.	3.6	29
124	Wearable Devices: High-Performance Wearable Micro-Supercapacitors Based on Microfluidic-Directed Nitrogen-Doped Graphene Fiber Electrodes (<i>Adv. Funct. Mater.</i> 36/2017). <i>Advanced Functional Materials</i> , 2017, 27, .	14.9	0
125	High-Performance Wearable Micro-Supercapacitors Based on Microfluidic-Directed Nitrogen-Doped Graphene Fiber Electrodes. <i>Advanced Functional Materials</i> , 2017, 27, 1702493.	14.9	144
126	Multicolored Mixed-Organic-Cation Perovskite Quantum Dots ($\text{FA}_{1-x}\text{MA}_x\text{PbX}_3$, X = Br and I) for White Light-Emitting Diodes. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 10053-10059.	3.7	41

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127	Actuators: Electrically and Sunlight-Driven Actuator with Versatile Biomimetic Motions Based on Rolled Carbon Nanotube Bilayer Composite (Adv. Funct. Mater. 44/2017). Advanced Functional Materials, 2017, 27, .	14.9	3
128	Self-Powered Piezoionic Strain Sensor toward the Monitoring of Human Activities. Small, 2016, 12, 5074-5080.	10.0	105
129	Multifunctional Hydrogels with Temperature, Ion, and Magnetocaloric Stimuli-Responsive Performances. Macromolecular Rapid Communications, 2016, 37, 759-768.	3.9	36
130	Herbages-derived fluorescent carbon dots and CdTe/carbon ensembles for patterning. Journal of Materials Science, 2016, 51, 8108-8115.	3.7	11
131	Synthesis of versatile poly(PMMA-co-VI) macromonomer-based hydrogels via infrared laser ignited frontal polymerization. Journal of Polymer Science Part A, 2016, 54, 1210-1221.	2.3	4
132	Autonomous conveyor gel driven by frontal polymerization. Journal of Polymer Science Part A, 2016, 54, 1323-1331.	2.3	3
133	Ordered and Active Nanochannel Electrode Design for High-Performance Electrochemical Actuator. Small, 2016, 12, 4986-4992.	10.0	42
134	Laser-ignited frontal polymerization of shape-controllable poly(VI-co-AM) hydrogels based on 3D templates toward adsorption of heavy metal ions. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	3
135	Self-Powered UV-Near Infrared Photodetector Based on Reduced Graphene Oxide/n-Si Vertical Heterojunction. Small, 2016, 12, 5019-5026.	10.0	76
136	Fast access to core/shell/shell CdTe/CdSe/ZnO quantum dots via magnetic hyperthermia method. AIChE Journal, 2016, 62, 2614-2621.	3.6	7
137	Construction of Ag-doped Zn-In-S quantum dots toward white LEDs and 3D luminescent patterning. RSC Advances, 2016, 6, 47616-47622.	3.6	23
138	Large-Scale Ultrasonic Fabrication of White Fluorescent Carbon Dots. Industrial & Engineering Chemistry Research, 2016, 55, 5335-5341.	3.7	129
139	Highly Crystallized Brilliant Polymeric Photonic Crystals via Repulsion-Induced Precipitation Assembly toward Multiresponsive Colorimetric Films. Macromolecular Materials and Engineering, 2016, 301, 1363-1373.	3.6	8
140	Fabrication of crack-free photonic crystal films via coordination of microsphere terminated dendrimers and their performance in invisible patterned photonic displays. Journal of Materials Chemistry C, 2016, 4, 8765-8771.	5.5	42
141	Electrostatic fabrication of RGO-g-SSS/CdTe graphene/quantum dot nanocomposites with enhanced optoelectronic properties. RSC Advances, 2016, 6, 65443-65449.	3.6	5
142	Direct Synthesis of Multicolor Fluorescent Hollow Carbon Spheres Encapsulating Enriched Carbon Dots. Scientific Reports, 2016, 6, 19382.	3.3	20
143	Facile Access to Graphene Oxide from Ferro-Induced Oxidation. Scientific Reports, 2016, 6, 17071.	3.3	31
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