Guan Wu

List of Publications by Year
in descending order

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254	12,887	23567 58	31849 101
papers	citations	h-index	g-index

261	261	261	13733
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Porous graphitic carbon nitride synthesized via direct polymerization of urea for efficient sunlight-driven photocatalytic hydrogen production. Nanoscale, 2012, 4, 5300.	5.6	835
2	Amphiphilic Eggâ€Derived Carbon Dots: Rapid Plasma Fabrication, Pyrolysis Process, and Multicolor Printing Patterns. Angewandte Chemie - International Edition, 2012, 51, 9297-9301.	13.8	604
3	Facile access to versatile fluorescent carbon dots toward light-emitting diodes. Chemical Communications, 2012, 48, 2692.	4.1	463
4	Versatile Bifunctional Magneticâ€Fluorescent Responsive Janus Supraballs Towards the Flexible Bead Display. Advanced Materials, 2011, 23, 2915-2919.	21.0	335
5	Plant leaf-derived fluorescent carbon dots for sensing, patterning and coding. Journal of Materials Chemistry C, 2013, 1, 4925.	5.5	275
6	Self-regenerated solar-driven photocatalytic water-splitting by urea derived graphitic carbon nitride with platinum nanoparticles. Chemical Communications, 2012, 48, 8826.	4.1	244
7	A Grapheneâ€Based Bimorph Structure for Design of High Performance Photoactuators. Advanced Materials, 2015, 27, 7867-7873.	21.0	219
8	Graphitic carbon nitride nanosheet electrode-based high-performance ionic actuator. Nature Communications, 2015, 6, 7258.	12.8	211
9	Electrically and Sunlightâ€Driven Actuator with Versatile Biomimetic Motions Based on Rolled Carbon Nanotube Bilayer Composite. Advanced Functional Materials, 2017, 27, 1704388.	14.9	211
10	High-quality CsPbBr₃ perovskite nanocrystals for quantum dot light-emitting diodes. RSC Advances, 2017, 7, 10391-10396.	3.6	202
11	Microfluidic-spinning construction of black-phosphorus-hybrid microfibres for non-woven fabrics toward a high energy density flexible supercapacitor. Nature Communications, 2018, 9, 4573.	12.8	181
12	Triphase Microfluidicâ€Directed Selfâ€Assembly: Anisotropic Colloidal Photonic Crystal Supraparticles and Multicolor Patterns Made Easy. Angewandte Chemie - International Edition, 2012, 51, 2375-2378.	13.8	177
13	Versatile superhydrophobic and photocatalytic films generated from TiO₂â€“SiO₂@PDMS and their applications on fabrics. Journal of Materials Chemistry A, 2014, 2, 4178-4184.	10.3	169
14	Multifunctional Micro/Nanoscale Fibers Based on Microfluidic Spinning Technology. Advanced Materials, 2019, 31, e1903733.	21.0	161
15	Facile Access to White Fluorescent Carbon Dots toward Light-Emitting Devices. Industrial & Engineering Chemistry Research, 2014, 53, 6417-6425.	3.7	159
16	Highâ€Performance Wearable Microâ€Supercapacitors Based on Microfluidicâ€Directed Nitrogenâ€Doped Graphene Fiber Electrodes. Advanced Functional Materials, 2017, 27, 1702493.	14.9	144
17	Hair-derived carbon dots toward versatile multidimensional fluorescent materials. Journal of Materials Chemistry C, 2014, 2, 6477-6483.	5.5	139
18	Robust Selfâ€Healing Hostâ€“Guest Gels from Magnetocaloric Radical Polymerization. Advanced Functional Materials, 2014, 24, 1235-1242.	14.9	132

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19	Large-Scale Ultrasonic Fabrication of White Fluorescent Carbon Dots. Industrial & Engineering Chemistry Research, 2016, 55, 5335-5341.	3.7	129
20	High-performance Supercapacitors Based on Electrochemical-induced Vertical-aligned Carbon Nanotubes and Polyaniline Nanocomposite Electrodes. Scientific Reports, 2017, 7, 43676.	3.3	120
21	Highâ€Performance Hierarchical Blackâ€Phosphorousâ€Based Soft Electrochemical Actuators in Bioinspired Applications. Advanced Materials, 2019, 31, e1806492.	21.0	118
22	In situ fabrication of halide perovskite nanocrystals embedded in polymer composites via microfluidic spinning microreactors. Journal of Materials Chemistry C, 2017, 5, 9398-9404.	5.5	115
23	Green Synthesis of Carbon Dots toward Anti-Counterfeiting. ACS Sustainable Chemistry and Engineering, 2020, 8, 1566-1572.	6.7	114
24	Hydrophobic Poly(tertâ€butyl acrylate) Photonic Crystals towards Robust Energyâ€Saving Performance. Angewandte Chemie - International Edition, 2019, 58, 13556-13564.	13.8	110
25	Fluorescent nanomaterial-derived white light-emitting diodes: what's going on. Journal of Materials Chemistry C, 2014, 2, 4358-4373.	5.5	106
26	Large-scale colloidal films with robust structural colors. Materials Horizons, 2019, 6, 90-96.	12.2	106
27	Selfâ€Powered Piezoionic Strain Sensor toward the Monitoring of Human Activities. Small, 2016, 12, 5074-5080.	10.0	105
28	Self-Locomotive Soft Actuator Based on Asymmetric Microstructural Ti₃C₂T_x MXene Film Driven by Natural Sunlight Fluctuation. ACS Nano, 2021, 15, 5294-5306.	14.6	103
29	Epoxy Resin/Polyurethane Hybrid Networks Synthesized by Frontal Polymerization. Chemistry of Materials, 2006, 18, 2159-2163.	6.7	102
30	Largeâ€Scale Fabrication of Robust Artificial Skins from a Biodegradable Sealantâ€Loaded Nanofiber Scaffold to Skin Tissue via Microfluidic Blowâ€Spinning. Advanced Materials, 2020, 32, e2000982.	21.0	99
31	Polyurethane-nanosilica hybrid nanocomposites synthesized by frontal polymerization. Journal of Polymer Science Part A, 2005, 43, 1670-1680.	2.3	98
32	Zinc ion-doped carbon dots with strong yellow photoluminescence. RSC Advances, 2016, 6, 37189-37194.	3.6	98
33	Rapid and Largeâ€Scale Production of Multiâ€Fluorescence Carbon Dots by a Magnetic Hyperthermia Method. Angewandte Chemie - International Edition, 2020, 59, 3099-3105.	13.8	97
34	Facile plasma-induced fabrication of fluorescent carbon dots toward high-performance white LEDs. Journal of Materials Science, 2013, 48, 6307-6311.	3.7	89
35	Hierarchical Microâ€Mesoporous Carbonâ€Frameworkâ€Based Hybrid Nanofibres for Highâ€Density Capacitive Energy Storage. Angewandte Chemie - International Edition, 2019, 58, 17465-17473.	13.8	89
36	Facile fabrication of tunable colloidal photonic crystal hydrogel supraballs toward a colorimetric humidity sensor. Journal of Materials Chemistry C, 2013, 1, 4685.	5.5	88

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37	One-step synthesis of yellow-emitting carbogenic dots toward white light-emitting diodes. Journal of Materials Science, 2013, 48, 2352-2357.	3.7	88
38	The Rapid and Largeâ€Scale Production of Carbon Quantum Dots and their Integration with Polymers. Angewandte Chemie - International Edition, 2021, 60, 8585-8595.	13.8	88
39	A spongy graphene based bimorph actuator with ultra-large displacement towards biomimetic application. Nanoscale, 2014, 6, 12703-12709.	5.6	87
40	Magnetic-Directed Assembly from Janus Building Blocks to Multiplex Molecular-Analogue Photonic Crystal Structures. Journal of the American Chemical Society, 2016, 138, 566-573.	13.7	87
41	Construction of microfluidic-oriented polyaniline nanorod arrays/graphene composite fibers for application in wearable micro-supercapacitors. Journal of Materials Chemistry A, 2018, 6, 8940-8946.	10.3	87
42	Self-contained Janus Aerogel with Antifouling and Salt-Rejecting Properties for Stable Solar Evaporation. ACS Applied Materials & Interfaces, 2021, 13, 18829-18837.	8.0	86
43	Yellowâ€Emissive Carbon Dots with High Solidâ€State Photoluminescence. Advanced Functional Materials, 2022, 32, .	14.9	84
44	Robust Mechanochromic Elastic Oneâ€Dimensional Photonic Hydrogels for Touch Sensing and Flexible Displays. Advanced Optical Materials, 2014, 2, 652-662.	7.3	83
45	A Covalent Black Phosphorus/Metalâ€“Organic Framework Heteroâ€nanostructure for Highâ€Performance Flexible Supercapacitors. Angewandte Chemie - International Edition, 2021, 60, 10366-10374.	13.8	82
46	Lightâ€Driven Selfâ€Oscillating Actuators with Phototactic Locomotion Based on Black Phosphorus Heterostructure. Angewandte Chemie - International Edition, 2021, 60, 20511-20517.	13.8	82
47	Enriched carbon dots/graphene microfibers towards high-performance micro-supercapacitors. Journal of Materials Chemistry A, 2018, 6, 14112-14119.	10.3	80
48	Janus Suprabead Displays Derived from the Modified Photonic Crystals toward Temperature Magnetism and Optics Multiple Responses. ACS Applied Materials & Interfaces, 2015, 7, 8827-8833.	8.0	77
49	Selfâ€Powered UVâ€“Near Infrared Photodetector Based on Reduced Graphene Oxide/nâ€Si Vertical Heterojunction. Small, 2016, 12, 5019-5026.	10.0	76
50	Microfluidic Fabrication of Hierarchicalâ€Ordered ZIFâ€L(Zn)@Ti₃C₂T_x Coreâ€“Sheath Fibers for Highâ€Performance Asymmetric Supercapacitors. Angewandte Chemie - International Edition, 2022, 61, .	13.8	76
51	Tunable Janus colloidal photonic crystal supraballs with dual photonic band gaps. Journal of Materials Chemistry C, 2014, 2, 9431-9438.	5.5	71
52	Microâ€Gel Ensembles for Accelerated Healing of Chronic Wound via pH Regulation. Advanced Science, 2022, 9, .	11.2	69
53	Facile synthesis of red dual-emissive carbon dots for ratiometric fluorescence sensing and cellular imaging. Nanoscale, 2020, 12, 5494-5500.	5.6	68
54	Conformal Microfluidicâ€Blowâ€Spun 3D Photothermal Catalytic Spherical Evaporator for Omnidirectional Enhanced Solar Steam Generation and CO₂ Reduction. Advanced Science, 2021, 8, e2101232.	11.2	68

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55	Microfluidicsâ€Assisted Assembly of Injectable Photonic Hydrogels toward Reflective Cooling. Small, 2020, 16, e1903939.	10.0	63
56	Interfacial Fabrication of Single-Crystalline ZnTe Nanorods with High Blue Fluorescence. Journal of the American Chemical Society, 2013, 135, 10618-10621.	13.7	62
57	Synthesis of silica-based carbon dot/nanocrystal hybrids toward white LEDs. Journal of Materials Science, 2014, 49, 7391-7398.	3.7	62
58	A Releaseâ€Induced Response for the Rapid Recognition of Latent Fingerprints and Formation of Inkjetâ€Printed Patterns. Angewandte Chemie - International Edition, 2011, 50, 3706-3709.	13.8	61
59	Anisotropic Boronâ€“Carbon Heteroâ€Nanosheets for Ultrahigh Energy Density Supercapacitors. Angewandte Chemie - International Edition, 2020, 59, 23800-23809.	13.8	61
60	First solventâ€free synthesis of poly(Nâ€methylolacrylamide) via frontal freeâ€radical polymerization. Journal of Polymer Science Part A, 2007, 45, 4322-4330.	2.3	60
61	Fast synthesis of versatile nanocrystal-embedded hydrogels toward the sensing of heavy metal ions and organoamines. Journal of Materials Chemistry, 2011, 21, 1124-1129.	6.7	57
62	Magnetothermal Microfluidicâ€Assisted Hierarchical Microfibers for Ultrahighâ€Energyâ€Density Supercapacitors. Angewandte Chemie - International Edition, 2020, 59, 7934-7943.	13.8	57
63	Fiberâ€Spinningâ€Chemistry Method toward In Situ Generation of Highly Stable Halide Perovskite Nanocrystals. Advanced Science, 2019, 6, 1901694.	11.2	55
64	Two-Dimensional Nanosheets-Based Soft Electro-Chemo-Mechanical Actuators: Recent Advances in Design, Construction, and Applications. ACS Nano, 2021, 15, 9273-9298.	14.6	55
65	Advances in frontal polymerization strategy: From fundamentals to applications. Progress in Polymer Science, 2022, 127, 101514.	24.7	55
66	Synthesis of Nanocrystalâ^'Polymer Transparent Hybrids via Polyurethane Matrix Grafted onto Functionalized CdS Nanocrystals. Langmuir, 2007, 23, 850-854.	3.5	54
67	One-Step Synthesis of FA-Directing FAPbBr₃ Perovskite Nanocrystals toward High-Performance Display. ACS Applied Materials & Interfaces, 2018, 10, 31603-31609.	8.0	54
68	Reduced Graphene Oxide Membrane Induced Robust Structural Colors toward Personal Thermal Management. ACS Photonics, 2019, 6, 116-122.	6.6	54
69	Uniform fluorescent photonic crystal supraballs generated from nanocrystal-loaded hydrogel microspheres. Journal of Materials Chemistry, 2010, 20, 6182.	6.7	52
70	Recognition of Latent Fingerprints and Ink-Free Printing Derived from Interfacial Segregation of Carbon Dots. ACS Applied Materials & Interfaces, 2018, 10, 39205-39213.	8.0	51
71	Controllable synthesis of ZnS/PMMA nanocomposite hybrids generated from functionalized ZnS quantum dots nanocrystals. Colloid and Polymer Science, 2007, 285, 1593-1600.	2.1	50
72	Facile access to poly(NMA-co-VCL) hydrogels via long range laser ignited frontal polymerization. Journal of Materials Chemistry A, 2013, 1, 7326.	10.3	50

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73	An interface nanostructured array guided high performance electrochemical actuator. Journal of Materials Chemistry A, 2014, 2, 16836-16841.	10.3	50
74	Microfluidicâ€Spinningâ€Directed Microreactors Toward Generation of Multiple Nanocrystals Loaded Anisotropic Fluorescent Microfibers. Advanced Functional Materials, 2015, 25, 7253-7262.	14.9	49
75	Facile synthesis of poly(hydroxyethyl acrylate) by frontal free-radical polymerization. Journal of Polymer Science Part A, 2007, 45, 873-881.	2.3	47
76	Microfluidicâ€Architected Nanoarrays/Porous Coreâ€“Shell Fibers toward Robust Microâ€Energyâ€Storage. Advanced Science, 2020, 7, 1901931.	11.2	47
77	Carbon dots promoted photonic crystal for optical information storage and sensing. Chemical Engineering Journal, 2021, 415, 128950.	12.7	47
78	Two-Dimensional Hybrid Nanosheet-Based Supercapacitors: From Building Block Architecture, Fiber Assembly, and Fabric Construction to Wearable Applications. ACS Nano, 2022, 16, 10130-10155.	14.6	47
79	Facile synthesis of fluorescent quantum dotâ€polymer nanocomposites via frontal polymerization. Journal of Polymer Science Part A, 2010, 48, 2170-2177.	2.3	45
80	Positional assembly of hybrid polyurethane nanocomposites via incorporation of inorganic building blocks into organic polymer. Colloid and Polymer Science, 2004, 283, 66-73.	2.1	43
81	Frontal free-radical copolymerization of urethaneâ€“acrylates. Journal of Polymer Science Part A, 2006, 44, 3018-3024.	2.3	43
82	Spherical Colloidal Photonic Crystals with Selected Lattice Plane Exposure and Enhanced Color Saturation for Dynamic Optical Displays. ACS Applied Materials & Interfaces, 2019, 11, 42629-42634.	8.0	43
83	Robust Self-Healing Hydrogels Assisted by Cross-Linked Nanofiber Networks. Scientific Reports, 2013, 3, 2811.	3.3	42
84	Ordered and Active Nanochannel Electrode Design for Highâ€Performance Electrochemical Actuator. Small, 2016, 12, 4986-4992.	10.0	42
85	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
86	Microfluidic-Directed Hydrogel Fabrics Based on Interfibrillar Self-Healing Effects. Chemistry of Materials, 2018, 30, 8822-8828.	6.7	42
87	A bioinspired multi-functional wearable sensor with an integrated light-induced actuator based on an asymmetric graphene composite film. Journal of Materials Chemistry C, 2019, 7, 6879-6888.	5.5	42
88	Multicolored Mixed-Organic-Cation Perovskite Quantum Dots (FA_xMA_{1â€“x}PbX₃, X = Br and I) for White Light-Emitting Diodes. Industrial & Engineering Chemistry Research, 2017, 56, 10053-10059.	3.7	41
89	Versatile Hydrogel Ensembles with Macroscopic Multidimensions. Advanced Materials, 2018, 30, 1803475.	21.0	41
90	Solventâ€free freeâ€radical frontal polymerization: A new approach to quickly synthesize poly(Nâ€vinylpyrrolidone). Journal of Polymer Science Part A, 2008, 46, 2177-2185.	2.3	39

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91	Microarrays Formed by Microfluidic Spinning as Multidimensional Microreactors. Angewandte Chemie - International Edition, 2014, 53, 3988-3992.	13.8	39
92	Facile synthesis of Nâ€vinylimidazoleâ€based hydrogels via frontal polymerization and investigation of their performance on adsorption of copper ions. Journal of Polymer Science Part A, 2010, 48, 4005-4012.	2.3	38
93	Construction of Highly Luminescent CdTe/CdS@ZnSâ€“SiO₂ Quantum Dots as Conversion Materials toward Excellent Color-Rendering White-Light-Emitting Diodes. Industrial & Engineering Chemistry Research, 2014, 53, 16763-16770.	3.7	38
94	MOF-Based Photonic Crystal Film toward Separation of Organic Dyes. ACS Applied Materials & Interfaces, 2020, 12, 2816-2825.	8.0	38
95	Reinforcement of polysiloxane with superhydrophobic nanosilica. Journal of Materials Science, 2009, 44, 4522-4530.	3.7	37
96	Facile and quick synthesis of poly(N â€methylolacrylamide)/polyhedral oligomeric silsesquioxane graft copolymer hybrids via frontal polymerization. Journal of Polymer Science Part A, 2009, 47, 1136-1147.	2.3	37
97	Facile synthesis of amphiphilic gels by frontal freeâ€radical polymerization. Journal of Polymer Science Part A, 2010, 48, 823-831.	2.3	37
98	Multiple-structured nanocrystals towards bifunctional photoluminescent-superhydrophobic surfaces. Journal of Materials Chemistry, 2010, 20, 3863.	6.7	37
99	Multifunctional Soft Actuators Based on Anisotropic Paper/Polymer Bilayer Toward Bioinspired Applications. Advanced Materials Technologies, 2019, 4, 1800674.	5.8	37
100	Multifunctional Hydrogels with Temperature, Ion, and Magnetocaloric Stimuliâ€Responsive Performances. Macromolecular Rapid Communications, 2016, 37, 759-768.	3.9	36
101	Microfluidicâ€Spinningâ€Directed Conductive Fibers toward Flexible Microâ€Supercapacitors. Macromolecular Materials and Engineering, 2018, 303, 1700664.	3.6	36
102	Facile fabrication of novel konjac glucomannan films with antibacterial properties via microfluidic spinning strategy. Carbohydrate Polymers, 2019, 208, 469-476.	10.2	36
103	Covalently Aligned Molybdenum Disulfideâ€“Carbon Nanotubes Heteroarchitecture for Highâ€Performance Electrochemical Capacitors. Angewandte Chemie - International Edition, 2021, 60, 21295-21303.	13.8	36
104	Facile Access to Wearable Device via Microfluidic Spinning of Robust and Aligned Fluorescent Microfibers. ACS Applied Materials & Interfaces, 2018, 10, 30785-30793.	8.0	35
105	Crystal Transformation from the Incorporation of Coordinate Bonds into a Hydrogen-Bonded Network Yields Robust Free-Standing Supramolecular Membranes. Journal of the American Chemical Society, 2020, 142, 479-486.	13.7	35
106	Structure and properties of polyurethane/polyacrylate latex interpenetrating networks hybrid emulsions. Colloid and Polymer Science, 2003, 282, 14-20.	2.1	34
107	Investigation of redox initiators for free radical frontal polymerization. Polymer International, 2009, 58, 851-857.	3.1	33
108	In situ access to white lightâ€emitting fluorescent polymer nanocomposites via plasmaâ€ignited frontal polymerization. Journal of Polymer Science Part A, 2012, 50, 3736-3742.	2.3	33

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109	Facile access to versatile hydrogels via interface-directed frontal polymerization derived from the magnetocaloric effect. Journal of Materials Chemistry A, 2015, 3, 17351-17358.	10.3	33
110	Graphene Fiberâ€Based Wearable Supercapacitors: Recent Advances in Design, Construction, and Application. Small Methods, 2021, 5, e2100502.	8.6	33
111	Controllable synthesis of quantum dotâ€“polymer networks with enhanced luminescence via the catalytic chain transfer polymerization (CCTP) technique. Journal of Materials Chemistry, 2008, 18, 5599.	6.7	32
112	(C₂H₈N)₉[Eu₅(SO₄)₁₂]Â·2H₂O: the first europium sulfate open-framework containing two kinds of intersecting extra-large 20-membered ring channels. CrystEngComm, 2010, 12, 694-696.	2.6	32
113	Multifunctional ionomer-derived honeycomb-patterned architectures and their performance in light enhancement of light-emitting diodes. Journal of Materials Chemistry, 2012, 22, 4089.	6.7	32
114	Highly Enhanced Luminescence Performance of LEDs via Controllable Layerâ€Structured 3D Photonic Crystals and Photonic Crystal Beads. Small Methods, 2018, 2, 1800104.	8.6	32
115	Facile fabrication of superhydrophobic surface from micro/nanostructure metal alkanethiolate based films. Chemical Communications, 2007, , 1919.	4.1	31
116	Facile Access to Graphene Oxide from Ferro-Induced Oxidation. Scientific Reports, 2016, 6, 17071.	3.3	31
117	Patterned Arrays of Supramolecular Microcapsules. Advanced Functional Materials, 2018, 28, 1800550.	14.9	31
118	Available Plasma-Ignited Frontal Polymerization Approach toward Facile Fabrication of Functional Polymer Hydrogels. Chemistry of Materials, 2010, 22, 5653-5659.	6.7	30
119	A wearable and highly sensitive CO sensor with a macroscopic polyaniline nanofiber membrane. Journal of Materials Chemistry A, 2015, 3, 24333-24337.	10.3	30
120	Interfacial synthesis of SnSe quantum dots for sensitized solar cells. RSC Advances, 2015, 5, 2155-2158.	3.6	30
121	Fabrication and characterization of TiO2â€“SiO2 composite nanoparticles and polyurethane/(TiO2â€“SiO2) nanocomposite films. Colloid and Polymer Science, 2007, 285, 1515-1520.	2.1	29
122	Facile fabrication of structure-tunable bead-shaped hybrid microfibers using a Rayleigh instability guiding strategy. Chemical Communications, 2015, 51, 17525-17528.	4.1	29
123	Highly sensitive mechanochromic photonic gel towards fast- responsive fingerprinting. RSC Advances, 2017, 7, 33258-33262.	3.6	29
124	3D Printed Biocatalytic Living Materials with Dualâ€Network Reinforced Bioinks. Small, 2022, 18, e2104820.	10.0	29
125	Dendrimer-induced colloids towards robust fluorescent photonic crystal films and high performance WLEDs. Journal of Materials Chemistry C, 2018, 6, 8187-8193.	5.5	28
126	Interfacial Polymetallic Oxides and Hierarchical Porous Coreâ€Shell Fibres for High Energyâ€Density Electrochemical Supercapacitors. Angewandte Chemie - International Edition, 2022, , .	13.8	27

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127	Construction of Hydrogen-Bond-Assisted Crack-Free Photonic Crystal Films and Their Performance on Fluorescence Enhancement Effect. Macromolecular Materials and Engineering, 2017, 302, 1700013.	3.6	26
128	Autonomous micromotor based on catalytically pneumatic behavior of balloon-like MnOxâ€“graphene crumples. Chemical Communications, 2014, 50, 7157.	4.1	25
129	Fast fabrication of superabsorbent polyampholytic nanocomposite hydrogels via plasma-ignited frontal polymerization. Journal of Polymer Science Part A, 2014, 52, 912-920.	2.3	24
130	Microfluidic printing directing photonic crystal bead 2D code patterns. Journal of Materials Chemistry C, 2018, 6, 2336-2341.	5.5	24
131	A Phase Inversionâ€Based Microfluidic Fabrication of Helical Microfibers towards Versatile Artificial Abdominal Skin. Angewandte Chemie - International Edition, 2021, 60, 25089-25096.	13.8	24
132	Novel Erythrocyte-like Graphene Microspheres with High Quality and Mass Production Capability via Electrospray Assisted Self-Assembly. Scientific Reports, 2013, 3, 3327.	3.3	23
133	Construction of Ag-doped Znâ€“Inâ€“S quantum dots toward white LEDs and 3D luminescent patterning. RSC Advances, 2016, 6, 47616-47622.	3.6	23
134	Cuâ€“Inâ€“S/ZnS Quantum Dots Embedded in Polyvinylpyrrolidone (PVP) Solids for White Light-Emitting Diodes (LEDs). Industrial & Engineering Chemistry Research, 2016, 55, 11700-11705.	3.7	23
135	Fabrication of colorful colloidal photonic crystal fibers via a microfluidic spinning technique. Materials Letters, 2019, 242, 179-182.	2.6	23
136	Fabrication of amphiphilic quantum dots towards high-colour-quality light-emitting devices. Journal of Materials Chemistry C, 2019, 7, 4244-4249.	5.5	23
137	Photonic Plasticines with Uniform Structural Colors, High Processability, and Selfâ€Healing Properties. Small, 2021, 17, e2007426.	10.0	23
138	Highly branched amylopectin binder for sulfur cathodes with enhanced performance and longevity. Exploration, 2022, 2, 20210131.	11.0	23
139	Versatile dendrimer-derived nanocrystal microreactors towards fluorescence colloidal photonic crystals. Journal of Materials Chemistry C, 2014, 2, 3610-3616.	5.5	22
140	Magnetothermal Microfluidicâ€Assisted Hierarchical Microfibers for Ultrahighâ€Energyâ€Density Supercapacitors. Angewandte Chemie, 2020, 132, 8008-8017.	2.0	22
141	Versatile titanium dioxide inverse opal composite photonic hydrogel films towards multi-solvents chip sensors. Sensors and Actuators B: Chemical, 2021, 347, 130639.	7.8	22
142	Novel electromechanical actuation based on a spongy graphene paper. Chemical Communications, 2014, 50, 4951.	4.1	21
143	Wavelength-selective and rebound-able bimorph photoactuator driven by a dynamic mass transport process. Journal of Materials Chemistry C, 2015, 3, 1888-1892.	5.5	21
144	Microfluidic-Oriented Synthesis of Graphene Oxide Nanosheets toward High Energy Density Supercapacitors. Energy & Fuels, 2020, 34, 11519-11526.	5.1	21

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145	Fibrous Nanoreactors from Microfluidic Blow Spinning for Mass Production of Highly Stable Ligandâ€Free Perovskite Quantum Dots. Angewandte Chemie - International Edition, 2022, 61, .	13.8	21
146	InÂsitu synthesis of transparent fluorescent ZnSâ€“polymer nanocomposite hybrids through catalytic chain transfer polymerization technique. Journal of Materials Science, 2009, 44, 3413-3419.	3.7	20
147	Synthesis of new superhydrophobic nanosilica and investigation of their performance in reinforcement of polysiloxane. Polymer Composites, 2010, 31, 1628-1636.	4.6	20
148	Macromonomer-induced CdTe quantum dots toward multicolor fluorescent patterns and white LEDs. RSC Advances, 2012, 2, 9005.	3.6	20
149	High performance of interpenetrating polymer network hydrogels induced by frontal polymerization. Colloid and Polymer Science, 2013, 291, 1871-1879.	2.1	20
150	Direct Synthesis of Multicolor Fluorescent Hollow Carbon Spheres Encapsulating Enriched Carbon Dots. Scientific Reports, 2016, 6, 19382.	3.3	20
151	Fabrication of ordered konjac glucomannan microfiber arrays via facile microfluidic spinning method. Materials Letters, 2017, 196, 410-413.	2.6	20
152	Anisotropic Biphase Frontal Polymerization toward in Situ Generation of Dual-Component Polymers. Macromolecules, 2015, 48, 5543-5549.	4.8	19
153	Facile access to poly(DMAEMA-co-AA) hydrogels via infrared laser-ignited frontal polymerization and their polymerization in the horizontal direction. RSC Advances, 2015, 5, 30514-30521.	3.6	19
154	The fabrication of 2D and 3D photonic crystal arrays towards high performance recognition of metal ions and biomolecules. Journal of Materials Chemistry C, 2016, 4, 1398-1404.	5.5	19
155	Synthesis of quantum dots based on microfluidic technology. Current Opinion in Chemical Engineering, 2020, 29, 34-41.	7.8	19
156	Synthesis of poly(N-methylolacrylamide)/polymethylacrylamide hybrids via frontal free-radical polymerization. Colloid and Polymer Science, 2007, 285, 891-898.	2.1	18
157	A facile pathway for the fast synthesis of colloidal crystalâ€loaded hydrogels via frontal polymerization. Journal of Polymer Science Part A, 2011, 49, 3121-3128.	2.3	18
158	Rapid synthesis of poly(HPAâ€coâ€VeoVa 10) amphiphilic gels toward removal of toxic solvents via plasmaâ€ignited frontal polymerization. Journal of Polymer Science Part A, 2011, 49, 5217-5226.	2.3	18
159	A facile synthesis of self-healing hydrogels toward flexible quantum dot-based luminescent solar concentrators and white LEDs. Journal of Materials Chemistry C, 2019, 7, 10988-10995.	5.5	18
160	Multistimulus-Responsive Graphene Oxide/Fe₃O₄/Starch Soft Actuators. ACS Applied Materials & Interfaces, 2022, 14, 16772-16779.	8.0	18
161	Second structural directing agent induces the formation of 1D organic templated terbium sulfate. CrystEngComm, 2011, 13, 2714.	2.6	17
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