Qing Li

List of Publications by Year in descending order

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47 papers	1,461 citations	430874 18 h-index	330143 37 g-index
47 all docs	47 docs citations	47 times ranked	1334 citing authors

#	Article	IF	Citations
1	Facile synthesis, high fluorescence and flame retardancy of carbon dots. Journal of Materials Science and Technology, 2022, 104, 163-171.	10.7	18
2	Quantum Dots-Loaded Self-Healing Gels for Versatile Fluorescent Assembly. Nanomaterials, 2022, 12, 452.	4.1	5
3	Rapid Preparation of Dual Cross-Linked Mechanical Strengthening Hydrogels via Frontal Polymerization for use as Shape Deformable Actuators. ACS Applied Polymer Materials, 2022, 4, 1457-1465.	4.4	6
4	Advances in frontal polymerization strategy: From fundamentals to applications. Progress in Polymer Science, 2022, 127, 101514.	24.7	55
5	Microâ€Gel Ensembles for Accelerated Healing of Chronic Wound via pH Regulation. Advanced Science, 2022, 9, .	11.2	69
6	Facile synthesis of self-healing gels via frontal polymerization toward acidâ€“base regulatable wound dressing. Journal of Materials Science, 2022, 57, 12971-12984.	3.7	4
7	Microfluidic spinning-induced heterotypic bead-on-string fibers for dual-cargo release and wound healing. Journal of Materials Chemistry B, 2021, 9, 2727-2735.	5.8	12
8	Fabrication of magnetically driven photonic crystal fiber film via microfluidic blow-spinning towards dynamic biomimetic butterfly. Materials Letters, 2021, 291, 129450.	2.6	7
9	Microfluidic-assisted assembly of fluorescent self-healing gel particles toward dual-signal sensors. Journal of Materials Science, 2021, 56, 14832-14843.	3.7	4
10	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
11	In Situ Synthesis of Robust Polyvinylpyrrolidone-Based Perovskite Nanocrystal Powders by the Fiber-Spinning Chemistry Method and Their Versatile 3D Printing Patterns. ACS Applied Materials & Interfaces, 2021, 13, 39748-39754.	8.0	13
12	Graphene Fiberâ€Based Wearable Supercapacitors: Recent Advances in Design, Construction, and Application. Small Methods, 2021, 5, e2100502.	8.6	33
13	Rapid Fabrication of Patterned Gels via Microchannelâ€Conformal Frontal Polymerization. Macromolecular Rapid Communications, 2021, 42, 2100421.	3.9	6
14	Carbon Dot-Functionalized Colloidal Particles for Patterning and Controllable Layer-Structured Photonic Crystals Construction. ACS Applied Polymer Materials, 2021, 3, 6130-6137.	4.4	6
15	Microfluidicsâ€Assisted Assembly of Injectable Photonic Hydrogels toward Reflective Cooling. Small, 2020, 16, e1903939.	10.0	63
16	Green Synthesis of Carbon Dots toward Anti-Counterfeiting. ACS Sustainable Chemistry and Engineering, 2020, 8, 1566-1572.	6.7	114
17	Rapid and Largeâ€Scale Production of Multiâ€Fluorescence Carbon Dots by a Magnetic Hyperthermia Method. Angewandte Chemie, 2020, 132, 3123-3129.	2.0	11
18	MOF-Based Photonic Crystal Film toward Separation of Organic Dyes. ACS Applied Materials & Interfaces, 2020, 12, 2816-2825.	8.0	38

#	Article	IF	Citations
19	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
20	Macroscopic Self-Assembly of Gel-Based Microfibers toward Functional Nonwoven Fabrics. ACS Applied Materials & Interfaces, 2020, 12, 50823-50833.	8.0	10
21	Construction of triple non-covalent interaction-based ultra-strong self-healing polymeric gels via frontal polymerization. Journal of Materials Chemistry C, 2020, 8, 14083-14091.	5.5	17
22	Robust hydrophobic veova10-based colloidal photonic crystals towards fluorescence enhancement of quantum dots. Nanoscale, 2020, 12, 19953-19962.	5.6	15
23	Synthesis of quantum dots based on microfluidic technology. Current Opinion in Chemical Engineering, 2020, 29, 34-41.	7.8	19
24	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
25	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
26	Hydrophobic Poly(tert â€butyl acrylate) Photonic Crystals towards Robust Energyâ€Saving Performance. Angewandte Chemie, 2019, 131, 13690-13698.	2.0	14
27	Self-Healing Hydrogel toward Metal Ion Rapid Removal via Available Solar-Driven Fashion. Industrial & Engineering Chemistry Research, 2019, 58, 17067-17074.	3.7	16
28	Facile synthesis of carbon nanobranches towards cobalt ion sensing and high-performance micro-supercapacitors. Nanoscale Advances, 2019, 1, 3614-3620.	4.6	5
29	Hydrophobic Poly(tertâ€butyl acrylate) Photonic Crystals towards Robust Energyâ€Saving Performance. Angewandte Chemie - International Edition, 2019, 58, 13556-13564.	13.8	110
30	Multifunctional Micro/Nanoscale Fibers Based on Microfluidic Spinning Technology. Advanced Materials, 2019, 31, e1903733.	21.0	161
31	Rapid preparation of auto-healing gels with actuating behaviour. Soft Matter, 2019, 15, 2517-2525.	2.7	13
32	Fabrication of colorful colloidal photonic crystal fibers via a microfluidic spinning technique. Materials Letters, 2019, 242, 179-182.	2.6	23
33	Frontal Polymerization-Oriented Self-Healing Hydrogels and Applications toward Temperature-Triggered Actuators. Industrial & Engineering Chemistry Research, 2019, 58, 3885-3892.	3.7	17
34	Constructing honeycomb architectures from polymer carbon dot composites for luminous efficacy enhancement of LEDs. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	2
35	Enriched carbon dots/graphene microfibers towards high-performance micro-supercapacitors. Journal of Materials Chemistry A, 2018, 6, 14112-14119.	10.3	80
36	Microfluidic printing directing photonic crystal bead 2D code patterns. Journal of Materials Chemistry C, 2018, 6, 2336-2341.	5.5	24

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37	New Multichannel Frontal Polymerization Strategy for Scaled-up Production of Robust Hydrogels. Industrial & Engineering Chemistry Research, 2018, 57, 3083-3090.	3.7	5
38	Infrared laserâ€ignited horizontal frontal polymerization of versatile unsaturated polyester resins. Journal of Applied Polymer Science, 2018, 135, 45935.	2.6	2
39	Macroscopic Selfâ€Assembly: Versatile Hydrogel Ensembles with Macroscopic Multidimensions (Adv.) Tj ETQq1 1 0.784314 rgBT /Overlo	21.0	3
40	Microfluidic-Directed Hydrogel Fabrics Based on Interfibrillar Self-Healing Effects. Chemistry of Materials, 2018, 30, 8822-8828.	6.7	42
41	Versatile Hydrogel Ensembles with Macroscopic Multidimensions. Advanced Materials, 2018, 30, 1803475.	21.0	41
42	Dually crosslinked self-healing hydrogels originating from cell-enhanced effect. Journal of Materials Chemistry B, 2017, 5, 3816-3822.	5.8	10
43	Nitrogen-doped carbon dots derived from polyamindoamine dendrimer. RSC Advances, 2016, 6, 59702-59707.	3.6	17
44	In situ access to fluorescent dual-component polymers towards optoelectronic devices via inhomogeneous biphase frontal polymerization. RSC Advances, 2015, 5, 102294-102299.	3.6	13
45	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
46	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
47	A microfluidicsâ€dispensingâ€printing strategy for Janus photonic crystal microspheres towards smart patterned displays. Journal of Polymer Science, 0, , .	3.8	4