Huanqing Cui

List of Publications by Year
in descending order

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25 papers	1,171 citations	567144 15 h-index	642610 23 g-index
25 all docs	25 docs citations	25 times ranked	1376 citing authors

#	Article	IF	Citations
1	One-Pot Self-Assembly of Dual-Color Domes Using Mono-Sized Silica Nanoparticles. Nano Letters, 2022, 22, 5236-5243.	4.5	4
2	Microfluidic Platforms toward Rational Material Fabrication for Biomedical Applications. Small, 2020, 16, e1903798.	5.2	80
3	Reconfiguration, Camouflage, and Colorâ€Shifting for Bioinspired Adaptive Hydrogelâ€Based Millirobots. Advanced Functional Materials, 2020, 30, 1909202.	7.8	153
4	A stage-specific cell-manipulation platform for inducing endothelialization on demand. National Science Review, 2020, 7, 629-643.	4.6	38
5	Intelligent Polymerâ€Based Bioinspired Actuators: From Monofunction to Multifunction. Advanced Intelligent Systems, 2020, 2, 2000138.	3.3	33
6	Hydrogelâ€Based Millirobots: Reconfiguration, Camouflage, and Colorâ€Shifting for Bioinspired Adaptive Hydrogelâ€Based Millirobots (Adv. Funct. Mater. 10/2020). Advanced Functional Materials, 2020, 30, 2070064.	7.8	2
7	Chameleon-Inspired Structural-Color Actuators. Matter, 2019, 1, 626-638.	5.0	197
8	Bio-inspired sensing and actuating materials. Journal of Materials Chemistry C, 2019, 7, 6493-6511.	2.7	112
9	Near-Infrared Light-Driven Controllable Motions of Gold-Hollow-Microcone Array. ACS Applied Materials & Interfaces, 2019, 11, 15927-15935.	4.0	19
10	Bioinspired Actuators Based on Stimuliâ€Responsive Polymers. Chemistry - an Asian Journal, 2019, 14, 2369-2387.	1.7	60
11	Programmed Shapeâ€Morphing Scaffolds Enabling Facile 3D Endothelialization. Advanced Functional Materials, 2018, 28, 1801027.	7.8	125
12	Regulation Effects of Biomimetic Hybrid Scaffolds on Vascular Endothelium Remodeling. ACS Applied Materials & Interfaces, 2018, 10, 23583-23594.	4.0	49
13	Tissue Engineering: Programmed Shapeâ€Morphing Scaffolds Enabling Facile 3D Endothelialization (Adv.) Tj ETQq1 1 0.784314 rgBT /O	7.8	4
14	Tunable shape memory polymer mold for multiple microarray replications. Journal of Materials Chemistry A, 2018, 6, 24748-24755.	5.2	52
15	Breath-Taking Patterns: Discontinuous Hydrophilic Regions for Photonic Crystal Beads Assembly and Patterns Revisualization. ACS Applied Materials & Interfaces, 2017, 9, 38117-38124.	4.0	46
16	Photothermally Triggered Shapeâ€Adaptable 3D Flexible Electronics. Advanced Materials Technologies, 2017, 2, 1700120.	3.0	69
17	Poly(N-isopropylacrylamide) hydrogel-based shape-adjustable polyimide films triggered by near-human-body temperature. , 2016, 2016, 4197-4200.		2
18	Vapor-condensation-assisted reverse display for anti-counterfeiting applications. , 2016, , .		2

#	Article	IF	Citations
19	Highly dispersive nano-TiO2 in situ growing on functional graphene with high photocatalytic activity. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	16
20	Preparation and characterization of dual-responsive spiropyran-based random copolymer brushes via surface-initiated atom transfer radical polymerization. Designed Monomers and Polymers, 2016, 19, 193-204.	0.7	12
21	Synthesis of spiropyran-containing random copolymer by atom transfer radical polymerization and its complexation with metal ions. Designed Monomers and Polymers, 2015, 18, 574-582.	0.7	14
22	Fabrication of triple responsive polymer brushes and their catalytic performance after loading palladium. RSC Advances, 2015, 5, 72444-72452.	1.7	18
23	Synthesis of amphiphilic spiropyran-based random copolymer by atom transfer radical polymerization for Co2+ recognition. Dyes and Pigments, 2015, 115, 50-57.	2.0	47
24	Synthesis and Characterization of Poly(methyl methacrylate) Brushes on Silica Particles by Surface-Initiated Atom Transfer Radical Polymerization. Asian Journal of Chemistry, 2014, 26, 2987-2991.	0.1	4
25	Synthesis and adsorption behaviors of poly(2-(dimethylamino)ethyl methacrylate) brushes on silica particles by surface-initiated atom transfer radical polymerization. Powder Technology, 2013, 249, 1-6.	2.1	13