Qingqing Ni

List of Publications by Year
in descending order

58 papers	2,651 citations	304743 22 h-index	182427 51 g-index
58 all docs	58 docs citations	58 times ranked	3162 citing authors

#	Article	IF	Citations
1	Controllable assembly of continuous hollow graphene fibers with robust mechanical performance and multifunctionalities. Nanotechnology, 2022, 33, 155602.	2.6	2
2	A sustainable, continuously expandable, wearable breath moisture-induced electricity generator. Carbon, 2022, 194, 104-113.	10.3	7
3	Electrothermally‐Driven Elongating‐Contracting Film Actuators Based on Two‐Way Shape Memory Carbon Nanotube/Ethylene‐Vinyl Acetate Composites. Advanced Materials Technologies, 2022, 7, .	5.8	5
4	Development of high performance two-way shape memory zinc dimethacrylate/ethylene vinyl acetate composite fibers for building flexible yarn actuators. Composites Science and Technology, 2022, 224, 109460.	7.8	8
5	Electromagnetic interference shielding anisotropy enhanced by CFRP laminated structures. Composites Science and Technology, 2021, 203, 108616.	7.8	34
6	Low-velocity drop weight impact behavior of Twaron® fabric investigated using experimental and numerical simulations. International Journal of Impact Engineering, 2021, 149, 103796.	5.0	13
7	Thermodynamic coupling behavior and energy harvesting of vapor grown carbon fiber/graphene oxide/epoxy shape memory composites. Composites Science and Technology, 2021, 203, 108583.	7.8	23
8	Materials for lithium recovery from salt lake brine. Journal of Materials Science, 2021, 56, 16-63.	3.7	122
9	A numerical study on the influence of hole defects on impact behavior of Twaron® fabric subjected to low-velocity impacts. Journal of Engineered Fibers and Fabrics, 2021, 16, 155892502110184.	1.0	2
10	Shape memory polyurethane‐based electrospun yarns for thermo‐responsive actuation. Journal of Applied Polymer Science, 2021, 138, 50565.	2.6	9
11	MWCNTs-COOK-assisted high positively charged composite membrane: Accelerating Li+ enrichment and Mg2+ removal. Composites Part B: Engineering, 2021, 212, 108686.	12.0	14
12	Damage detection of CFRP composites by electromagnetic wave nondestructive testing (EMW-NDT). Composites Science and Technology, 2021, 210, 108839.	7.8	37
13	Ultrathin, Ultralight, and Anisotropic Ordered Reduced Graphene Oxide Fiber Electromagnetic Interference Shielding Membrane. Advanced Materials Technologies, 2021, 6, 2100531.	5.8	13
14	Co, Ni-coordinated ZIF derived nitrogen doped carbon network with encapsulated alloy for microwave absorption. Diamond and Related Materials, 2021, 120, 108669.	3.9	5
15	Development of thermoplastic epoxy filaments with shape memory properties. Polymer Testing, 2021, 103, 107374.	4.8	6
16	A numerical study on the low-velocity impact behavior of the Twaron® fabric subjected to oblique impact. Reviews on Advanced Materials Science, 2021, 60, 980-994.	3.3	4
17	Two-way reversible shape memory polymer: Synthesis and characterization of benzoyl peroxide-crosslinked poly(ethylene-co-vinyl acetate). Materials Letters, 2020, 258, 126762.	2.6	17
18	Flexible nanopositioning actuators based on functional nanocomposites. Composites Science and Technology, 2020, 186, 107937.	7.8	5

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19	Nanofiber-based wearable energy harvesters in different body motions. Composites Science and Technology, 2020, 200, 108478.	7.8	17
20	A broadband and tunable microwave absorption technology enabled by VGCFs/PDMS-EP shape memory composites. Composite Structures, 2020, 238, 111954.	5.8	30
21	Mechanical and shape memory performance of shape memory polyurethane-based aligned nanofibers. Polymer Testing, 2020, 91, 106778.	4.8	21
22	Self-Repairing, Large Linear Working Range Shape Memory Carbon Nanotubes/Ethylene Vinyl Acetate Fiber Strain Sensor for Human Movement Monitoring. ACS Applied Materials & Interfaces, 2020, 12, 42179-42192.	8.0	75
23	Actuation Characteristics and Mechanism of Electroactive Plasticized Thermoplastic Polyurethane. Langmuir, 2020, 36, 14933-14941.	3.5	12
24	Flexible energy harvester based on aligned PZT/SMPU nanofibers and shape memory effect for curved sensors. Composites Part B: Engineering, 2020, 197, 108169.	12.0	17
25	â€œBridgeâ€•graphene oxide modified positive charged nanofiltration thin membrane with high efficiency for Mg2+/Li+ separation. Desalination, 2020, 488, 114522.	8.2	84
26	Twoâ€Way Reversible Shape Memory Properties of Benzoyl Peroxide Crosslinked Poly(ethyleneâ€<i>co</i>â€vinyl acetate) under Different Stress Conditions. Macromolecular Materials and Engineering, 2020, 305, 1900825.	3.6	4
27	Continuous graphene fibers prepared by liquid crystal spinning as strain sensors for Monitoring Vital Signs. Materials Today Communications, 2020, 24, 100909.	1.9	16
28	Multifunctional composite nanofibers with shape memory and piezoelectric properties for energy harvesting. Journal of Intelligent Material Systems and Structures, 2020, 31, 956-966.	2.5	13
29	Benzoyl peroxide thermo-crosslinked poly(ethylene-co-vinyl acetate) foam with two-way shape memory effect. Materials Letters, 2020, 264, 127343.	2.6	10
30	Influence of surface modification of carbon fiber based on magnetron sputtering technology on mechanical properties of carbon fiber composites. Materials Research Express, 2020, 7, 105602.	1.6	6
31	Influence of Crimp and Inter-Yarn Friction on the Mechanical Properties of Woven Fabric under Uniaxial/Biaxial Tensile Loading. Fibres and Textiles in Eastern Europe, 2020, 28, 43-52.	0.5	9
32	Electrically induced soft actuators based on thermoplastic polyurethane and their actuation performances including tiny force measurement. Polymer, 2019, 180, 121678.	3.8	13
33	Polyvinyl alcohol nanofiber based three phase wound dressings for sustained wound healing applications. Materials Letters, 2019, 241, 168-171.	2.6	70
34	Multi-layer graphene oxide coated shape memory polyurethane for adjustable smart switches. Composites Science and Technology, 2019, 172, 108-116.	7.8	15
35	Supramolecular Self-Assembly of 3D Conductive Cellulose Nanofiber Aerogels for Flexible Supercapacitors and Ultrasensitive Sensors. ACS Applied Materials & Interfaces, 2019, 11, 24435-24446.	8.0	120
36	Highly aligned nonwoven vapor grown carbon fibre based polyurethane fibrous membrane for direction-dependent microwave shielding. Materials Letters, 2019, 245, 98-102.	2.6	6

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37	Fabrication of gradient vapor grown carbon fiber based polyurethane foam for shape memory driven microwave shielding. RSC Advances, 2019, 9, 9401-9409.	3.6	16
38	Multi-layer nanofibrous tubes with dual drug-release profiles for vascular graft engineering. Journal of Drug Delivery Science and Technology, 2019, 53, 100900.	3.0	4
39	Controlled hydrothermal synthesis of different sizes of $BaTiO_3$ nano-particles for microwave absorption. Materials Research Express, 2019, 6, 1250i3.	1.6	9
40	Shape memory driving thickness-adjustable G@SMPU sponge with ultrahigh carbon loading ratio for excellent microwave shielding performance. Materials Letters, 2019, 236, 116-119.	2.6	10
41	Electrospun sandwich configuration nanofibers as transparent membranes for skin care drug delivery systems. Journal of Materials Science, 2018, 53, 10617-10626.	3.7	19
42	Electroactive shape memory composites with TiO 2 whiskers for switching an electrical circuit. Materials and Design, 2018, 143, 196-203.	7.0	34
43	A three-dimensional porous hydroxyapatite nanocomposite scaffold with shape memory effect for bone tissue engineering. Journal of Materials Science, 2018, 53, 4734-4744.	3.7	45
44	Study on material performances of lead zirconate titanate/shape memory polyurethane composites combining shape memory and piezoelectric effect. Composites Part A: Applied Science and Manufacturing, 2018, 110, 183-189.	7.6	14
45	Smart composites of piezoelectric particles and shape memory polymers for actuation and nanopositioning. Composites Science and Technology, 2018, 163, 123-132.	7.8	19
46	High Aspect Ratio Carboxylated Cellulose Nanofibers Cross-linked to Robust Aerogels for Superabsorption€"Flocculants: Paving Way from Nanoscale to Macroscale. ACS Applied Materials & Interfaces, 2018, 10, 20755-20766.	8.0	131
47	Fabrication and characterization of shape memory polyurethane porous scaffold for bone tissue engineering. Journal of Biomedical Materials Research - Part A, 2017, 105, 1132-1137.	4.0	24
48	In vitro degradation and possible hydrolytic mechanism of PHBV nanocomposites by incorporating cellulose nanocrystal-ZnO nanohybrids. Carbohydrate Polymers, 2017, 176, 38-49.	10.2	58
49	Facile Gel-Based Morphological Control of Ag/g-C_3N_4 Porous Nanofibers for Photocatalytic Hydrogen Generation. ACS Sustainable Chemistry and Engineering, 2017, 5, 10633-10639.	6.7	122
50	From Cellulose Nanospheres, Nanorods to Nanofibers: Various Aspect Ratio Induced Nucleation/Reinforcing Effects on Polylactic Acid for Robust-Barrier Food Packaging. ACS Applied Materials & Interfaces, 2017, 9, 43920-43938.	8.0	170
51	One-dimensional carbon nanotube@barium titanate@polyaniline multiheterostructures for microwave absorbing application. Nanoscale Research Letters, 2015, 10, 174.	5.7	46
52	Preparation and characterization of water-borne epoxy shape memory composites containing silica. Composites Part A: Applied Science and Manufacturing, 2015, 72, 1-10.	7.6	57
53	Effect of epoxy-graft-polyoxyethylene octyl phenyl ether on preparation, mechanical properties and triple-shape memory effect of carbon nanotube/water-borne epoxy nanocomposites. Composites Science and Technology, 2015, 120, 17-25.	7.8	47
54	Facile Synthesis of $BaTiO_3$ Nanotubes and Their Microwave Absorption Properties. ACS Applied Materials & Interfaces, 2012, 4, 2101-2106.	8.0	164

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55	One-step preparation of water-soluble single-walled carbon nanotubes. Applied Surface Science, 2009, 255, 7095-7099.	6.1	50
56	Electromagnetic interference shielding effect of nanocomposites with carbon nanotube and shape memory polymer. Composites Science and Technology, 2007, 67, 2973-2980.	7.8	266
57	Shape memory effect and mechanical properties of carbon nanotube/shape memory polymer nanocomposites. Composite Structures, 2007, 81, 176-184.	5.8	225
58	Mechanical and shape memory behavior of composites with shape memory polymer. Composites Part A: Applied Science and Manufacturing, 2004, 35, 1065-1073.	7.6	257