Yubing Dong

List of Publications by Year
in descending order

67 papers	1,749 citations	304743 22 h-index	302126 39 g-index
68 all docs	68 docs citations	68 times ranked	1369 citing authors

#	Article	IF	Citations
1	Electric heating behavior of flexible knitted fabrics comprising reduced graphene oxide, with emphasis on resistance temperature-sensitive behavior and decoupling of contact resistance. Journal of Industrial Textiles, 2022, 51, 3131S-3148S.	2.4	7
2	A deformable honeycomb sandwich composite felt with excellent microwave absorption performance at a low absorbent loading content. Composite Structures, 2022, 283, 115140.	5.8	12
3	Controllable assembly of continuous hollow graphene fibers with robust mechanical performance and multifunctionalities. Nanotechnology, 2022, 33, 155602.	2.6	2
4	Novel spatially distributed heating carbon fabric and decoupling of interfacial electricity. Journal of Industrial Textiles, 2022, 51, 6443S-6462S.	2.4	1
5	Effect of microcrystalline cellulose on mechanical property and shape memory property of water-borne epoxy. Pigment and Resin Technology, 2022, ahead-of-print, .	0.9	0
6	Rational design of hierarchical structure of carbon@polyaniline composite with enhanced microwave absorption properties. Carbon, 2022, 194, 114-126.	10.3	67
7	Reconstruction of Fibroin Nanofibers (FNFs) via Electrospinning: Fabrication of Poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	4.5	6
8	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
9	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
10	Designing with Circular Arc Toolpaths to Increase the Complexity of Melt Electrowriting. Advanced Materials Technologies, 2022, 7, .	5.8	12
11	MXene/epoxy-based shape memory nanocomposites with highly stable thermal-mechanical coupling effect for constructing an effective information transmission medium. Composites Science and Technology, 2022, 225, 109505.	7.8	23
12	High-efficiency production of core-sheath nanofiber membrane via co-axial electro-centrifugal spinning for controlled drug release. Journal of Membrane Science, 2022, 654, 120571.	8.2	21
13	Carbon fiber fabric/epoxy composites with electric- and light-responsive shape memory effect. Pigment and Resin Technology, 2021, 50, 377-383.	0.9	5
14	Polydopamine modified ammonium polyphosphate modified shape memory water‐borne epoxy composites with photo‐responsive flame retardant property. Journal of Applied Polymer Science, 2021, 138, 49696.	2.6	18
15	Excellent triple-shape memory effect and superior recovery stress of ethylene-vinyl acetate copolymer fiber. Composites Science and Technology, 2021, 203, 108609.	7.8	31
16	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
17	Flexible, electrothermal-driven controllable carbon fiber/poly(ethylene-co-vinyl acetate) shape memory composites for electromagnetic shielding. Composites Science and Technology, 2021, 207, 108697.	7.8	39
18	Synthesis and application of recyclable core‐shell structure microspheres MCTS‐g‐AT in detection of Hg(II) in aquatic products. Journal of the Chinese Chemical Society, 2021, 68, 1739.	1.4	2

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19	Smart fabric strain sensor comprising reduced graphene oxide with structure-based negative piezoresistivity. Journal of Materials Science, 2021, 56, 16946-16962.	3.7	13
20	Ultrathin, Ultralight, and Anisotropic Ordered Reduced Graphene Oxide Fiber Electromagnetic Interference Shielding Membrane. Advanced Materials Technologies, 2021, 6, 2100531.	5.8	13
21	Mushroom cap-shaped porous carbon particles with excellent microwave absorption properties. Applied Surface Science, 2021, 564, 150437.	6.1	30
22	Thermally and light-triggered reconfigurable shape memory polydopamine/epoxy composite with self-healing and recyclable ability. Journal of Applied Polymer Science, 2021, 138, 50526.	2.6	12
23	Degradable photo-crosslinked starch-based films with excellent shape memory property. International Journal of Biological Macromolecules, 2021, 193, 1685-1693.	7.5	12
24	Prism-shaped hollow carbon decorated with polyaniline for microwave absorption. Chemical Engineering Journal, 2020, 379, 122393.	12.7	146
25	Super-low thermal conductivity fibrous nanocomposite membrane of hollow silica/polyacrylonitrile. Composites Science and Technology, 2020, 188, 107992.	7.8	21
26	Development of lightweight polypyrrole/cellulose aerogel composite with adjustable dielectric properties for controllable microwave absorption performance. Cellulose, 2020, 27, 10213-10224.	4.9	26
27	Mechanical and shape memory performance of shape memory polyurethane-based aligned nanofibers. Polymer Testing, 2020, 91, 106778.	4.8	21
28	Synthesis of bimetallic silver-gold nanoparticle composites using a cellulose dope: Tunable nanostructure and its biological activity. Carbohydrate Polymers, 2020, 248, 116777.	10.2	20
29	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
30	Well-matched impedance of polypyrrole-loaded cotton non-woven fabric/polydimethylsiloxane composite for extraordinary microwave absorption. Composites Science and Technology, 2020, 197, 108246.	7.8	74
31	Construction and Microwave Absorption Properties of Core@Double-Shell Structured Fe_3O_4@Polyaniline@MnO_2 Nanospheres. Nano, 2020, 15, 2050032.	1.0	15
32	Continuous graphene fibers prepared by liquid crystal spinning as strain sensors for Monitoring Vital Signs. Materials Today Communications, 2020, 24, 100909.	1.9	16
33	Experimental verification and optimization research on the energy absorption abilities of beetle elytron plate crash boxes. Materials Research Express, 2019, 6, 1165e2.	1.6	7
34	Continuous dyeing of graphene on cotton fabric: Binder-free approach for electromagnetic shielding. Applied Surface Science, 2019, 496, 143636.	6.1	34
35	Design of Ethylene-Vinyl Acetate Copolymer Fiber with Two-Way Shape Memory Effect. Polymers, 2019, 11, 1599.	4.5	21
36	Construction of polyaniline aligned on magnetic functionalized biomass carbon giving excellent microwave absorption properties. Composites Science and Technology, 2019, 174, 176-183.	7.8	80

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37	Compressible polypyrrole aerogel as a lightweight and wideband electromagnetic microwave absorber. Journal of Materials Science: Materials in Electronics, 2019, 30, 5598-5608.	2.2	11
38	Controlled hydrothermal synthesis of different sizes of $BaTiO_3$ nano-particles for microwave absorption. Materials Research Express, 2019, 6, 1250i3.	1.6	9
39	Effect of graphene oxide-carbon nanotube hybrid filler on the mechanical property and thermal response speed of shape memory epoxy composites. Composites Science and Technology, 2019, 169, 209-216.	7.8	112
40	Aligned polyaniline/porous biomass carbon composites with superior microwave absorption properties. Journal of Materials Science: Materials in Electronics, 2019, 30, 1374-1382.	2.2	14
41	A novel reduced graphene oxide/epoxy sandwich structure composite film with thermo-, electro- and light-responsive shape memory effect. Materials Letters, 2019, 238, 54-57.	2.6	24
42	Silk fibroin biomaterial-functionalized carbon nanotubes for high water dispersibility and promising biomedical applications. Textile Research Journal, 2019, 89, 1144-1152.	2.2	3
43	Clay montmorillonite-poly(e-caprolactone) electrospun microfiber/epoxy composites with triple shape memory effect. Pigment and Resin Technology, 2018, 47, 29-37.	0.9	4
44	Interfacial Adhesion and Mechanical Properties of PET Fabric/PVC Composites Enhanced by SiO_2/Tributyl Citrate Hybrid Sizing. Nanomaterials, 2018, 8, 898.	4.1	4
45	Epoxy system with two-way shape memory effect under isostress condition. Polymers for Advanced Technologies, 2018, 29, 3181-3185.	3.2	7
46	Constitutive model for shape memory polyurethane based on phase transition and one-dimensional non-linear viscoelastic. Materials Today Communications, 2018, 17, 133-139.	1.9	6
47	Improved wettability and interfacial adhesion in carbon fibre/epoxy composites via an aqueous epoxy sizing agent. Composites Part A: Applied Science and Manufacturing, 2018, 112, 337-345.	7.6	75
48	Chiral polyaniline with superhelical structures for enhancement in microwave absorption. Chemical Engineering Journal, 2018, 352, 745-755.	12.7	88
49	Shape memory and mechanical properties of silk fibroin/poly(ε-caprolactone) composites. Materials Letters, 2017, 193, 26-29.	2.6	17
50	Shape memory effect and recovery stress property of carbon nanotube/waterborne epoxy nanocomposites investigated via TMA. Polymer Testing, 2017, 59, 462-469.	4.8	18
51	Vapor-grown carbon nanofiber/poly(ethylene-co-vinyl acetate) composites with electrical-active two-way shape memory behavior. Journal of Intelligent Material Systems and Structures, 2017, 28, 2749-2756.	2.5	27
52	Enhance interfacial properties of glass fiber/epoxy composites with environment-friendly water-based hybrid sizing agent. Composites Part A: Applied Science and Manufacturing, 2017, 102, 357-367.	7.6	48
53	Si-Al hybrid effect of waterborne polyurethane hybrid sizing agent for carbon fiber/PA6 composites. Fibers and Polymers, 2017, 18, 1586-1593.	2.1	18
54	Self-templated route to synthesis bowl-like and deflated balloon-like hollow silica spheres. Materials Letters, 2017, 206, 150-153.	2.6	11

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55	Silk fibroin powder prepared by nontoxic low-sodium salt system. Materials Letters, 2017, 206, 5-8.	2.6	5
56	Two-way shape memory behavior of semi-crystalline elastomer under stress-free condition. Smart Materials and Structures, 2016, 25, 085023.	3.5	50
57	Fabrication and characterization of vapor grown carbon nanofiber/epoxy magnetic nanocomposites. Polymer Composites, 2016, 37, 1728-1734.	4.6	10
58	<i>In–situ</i> grown silica/water–borne epoxy shape memory composite foams prepared without blowing agent addition. Journal of Applied Polymer Science, 2015, 132, .	2.6	9
59	Epoxy Resin Composite Bilayers with Triple-Shape Memory Effect. Journal of Nanomaterials, 2015, 2015, 1-8.	2.7	7
60	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
61	Effect of vapor–grown carbon nanofibers and <i>in situ</i> hydrolyzed silica on the mechanical and shape memory properties of water–borne epoxy composites. Polymer Composites, 2015, 36, 1712-1720.	4.6	17
62	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
63	Novel vapor-grown carbon nanofiber/epoxy shape memory nanocomposites prepared via latex technology. Materials Letters, 2014, 132, 206-209.	2.6	41
64	Synthesis and properties of the vapour-grown carbon nanofiber/epoxy shape memory and conductive foams prepared via latex technology. Composites Science and Technology, 2013, 76, 8-13.	7.8	44
65	Quantitative evaluation of carbon nanotube dispersion through scanning electron microscopy images. Composites Science and Technology, 2013, 87, 170-173.	7.8	26
66	Use of TX100-dangled epoxy as a reactive noncovalent dispersant of vapor-grown carbon nanofibers in an aqueous solution. Journal of Colloid and Interface Science, 2013, 391, 8-15.	9.4	14
67	Application research on infrared drying in silk re-reeling process. Textile Reseach Journal, 2012, 82, 1329-1336.	2.2	6