

Yubing Dong

List of Publications by Year in descending order

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67
papers

1,749
citations

304743

22
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302126

39
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68
docs citations

68
times ranked

1369
citing authors

#	ARTICLE	IF	CITATIONS
1	Prism-shaped hollow carbon decorated with polyaniline for microwave absorption. <i>Chemical Engineering Journal</i> , 2020, 379, 122393.	12.7	146
2	Effect of graphene oxide-carbon nanotube hybrid filler on the mechanical property and thermal response speed of shape memory epoxy composites. <i>Composites Science and Technology</i> , 2019, 169, 209-216.	7.8	112
3	Chiral polyaniline with superhelical structures for enhancement in microwave absorption. <i>Chemical Engineering Journal</i> , 2018, 352, 745-755.	12.7	88
4	Construction of polyaniline aligned on magnetic functionalized biomass carbon giving excellent microwave absorption properties. <i>Composites Science and Technology</i> , 2019, 174, 176-183.	7.8	80
5	Improved wettability and interfacial adhesion in carbon fibre/epoxy composites via an aqueous epoxy sizing agent. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 112, 337-345.	7.6	75
6	Self-Repairing, Large Linear Working Range Shape Memory Carbon Nanotubes/Ethylene Vinyl Acetate Fiber Strain Sensor for Human Movement Monitoring. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 42179-42192.	8.0	75
7	Well-matched impedance of polypyrrole-loaded cotton non-woven fabric/polydimethylsiloxane composite for extraordinary microwave absorption. <i>Composites Science and Technology</i> , 2020, 197, 108246.	7.8	74
8	Rational design of hierarchical structure of carbon@polyaniline composite with enhanced microwave absorption properties. <i>Carbon</i> , 2022, 194, 114-126.	10.3	67
9	Preparation and characterization of water-borne epoxy shape memory composites containing silica. <i>Composites Part A: Applied Science and Manufacturing</i> , 2015, 72, 1-10.	7.6	57
10	Two-way shape memory behavior of semi-crystalline elastomer under stress-free condition. <i>Smart Materials and Structures</i> , 2016, 25, 085023.	3.5	50
11	Enhance interfacial properties of glass fiber/epoxy composites with environment-friendly water-based hybrid sizing agent. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 102, 357-367.	7.6	48
12	Effect of epoxy-graft-polyoxyethylene octyl phenyl ether on preparation, mechanical properties and triple-shape memory effect of carbon nanotube/water-borne epoxy nanocomposites. <i>Composites Science and Technology</i> , 2015, 120, 17-25.	7.8	47
13	Synthesis and properties of the vapour-grown carbon nanofiber/epoxy shape memory and conductive foams prepared via latex technology. <i>Composites Science and Technology</i> , 2013, 76, 8-13.	7.8	44
14	Novel vapor-grown carbon nanofiber/epoxy shape memory nanocomposites prepared via latex technology. <i>Materials Letters</i> , 2014, 132, 206-209.	2.6	41
15	Flexible, electrothermal-driven controllable carbon fiber/poly(ethylene-co-vinyl acetate) shape memory composites for electromagnetic shielding. <i>Composites Science and Technology</i> , 2021, 207, 108697.	7.8	39
16	Continuous dyeing of graphene on cotton fabric: Binder-free approach for electromagnetic shielding. <i>Applied Surface Science</i> , 2019, 496, 143636.	6.1	34
17	Excellent triple-shape memory effect and superior recovery stress of ethylene-vinyl acetate copolymer fiber. <i>Composites Science and Technology</i> , 2021, 203, 108609.	7.8	31
18	Mushroom cap-shaped porous carbon particles with excellent microwave absorption properties. <i>Applied Surface Science</i> , 2021, 564, 150437.	6.1	30

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19	Vapor-grown carbon nanofiber/poly(ethylene-co-vinyl acetate) composites with electrical-active two-way shape memory behavior. <i>Journal of Intelligent Material Systems and Structures</i> , 2017, 28, 2749-2756.	2.5	27
20	Quantitative evaluation of carbon nanotube dispersion through scanning electron microscopy images. <i>Composites Science and Technology</i> , 2013, 87, 170-173.	7.8	26
21	Development of lightweight polypyrrole/cellulose aerogel composite with adjustable dielectric properties for controllable microwave absorption performance. <i>Cellulose</i> , 2020, 27, 10213-10224.	4.9	26
22	A novel reduced graphene oxide/epoxy sandwich structure composite film with thermo-, electro- and light-responsive shape memory effect. <i>Materials Letters</i> , 2019, 238, 54-57.	2.6	24
23	Thermodynamic coupling behavior and energy harvesting of vapor grown carbon fiber/graphene oxide/epoxy shape memory composites. <i>Composites Science and Technology</i> , 2021, 203, 108583.	7.8	23
24	MXene/epoxy-based shape memory nanocomposites with highly stable thermal-mechanical coupling effect for constructing an effective information transmission medium. <i>Composites Science and Technology</i> , 2022, 225, 109505.	7.8	23
25	Design of Ethylene-Vinyl Acetate Copolymer Fiber with Two-Way Shape Memory Effect. <i>Polymers</i> , 2019, 11, 1599.	4.5	21
26	Super-low thermal conductivity fibrous nanocomposite membrane of hollow silica/polyacrylonitrile. <i>Composites Science and Technology</i> , 2020, 188, 107992.	7.8	21
27	Mechanical and shape memory performance of shape memory polyurethane-based aligned nanofibers. <i>Polymer Testing</i> , 2020, 91, 106778.	4.8	21
28	High-efficiency production of core-sheath nanofiber membrane via co-axial electro-centrifugal spinning for controlled drug release. <i>Journal of Membrane Science</i> , 2022, 654, 120571.	8.2	21
29	Synthesis of bimetallic silver-gold nanoparticle composites using a cellulose dope: Tunable nanostructure and its biological activity. <i>Carbohydrate Polymers</i> , 2020, 248, 116777.	10.2	20
30	Shape memory effect and recovery stress property of carbon nanotube/waterborne epoxy nanocomposites investigated via TMA. <i>Polymer Testing</i> , 2017, 59, 462-469.	4.8	18
31	Si-Al hybrid effect of waterborne polyurethane hybrid sizing agent for carbon fiber/PA6 composites. <i>Fibers and Polymers</i> , 2017, 18, 1586-1593.	2.1	18
32	Polydopamine modified ammonium polyphosphate modified shape memory waterborne epoxy composites with photo-responsive flame retardant property. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49696.	2.6	18
33	Effect of vapor-grown carbon nanofibers and <i>in situ</i> hydrolyzed silica on the mechanical and shape memory properties of waterborne epoxy composites. <i>Polymer Composites</i> , 2015, 36, 1712-1720.	4.6	17
34	Shape memory and mechanical properties of silk fibroin/poly(ϵ -caprolactone) composites. <i>Materials Letters</i> , 2017, 193, 26-29.	2.6	17
35	Continuous graphene fibers prepared by liquid crystal spinning as strain sensors for Monitoring Vital Signs. <i>Materials Today Communications</i> , 2020, 24, 100909.	1.9	16
36	Construction and Microwave Absorption Properties of Core@Double-Shell Structured Fe ₃ O ₄ @Polyaniline@MnO ₂ Nanospheres. <i>Nano</i> , 2020, 15, 2050032.	1.0	15

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37	Use of TX100-dangled epoxy as a reactive noncovalent dispersant of vapor-grown carbon nanofibers in an aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2013, 391, 8-15.	9.4	14
38	Aligned polyaniline/porous biomass carbon composites with superior microwave absorption properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 1374-1382.	2.2	14
39	Smart fabric strain sensor comprising reduced graphene oxide with structure-based negative piezoresistivity. <i>Journal of Materials Science</i> , 2021, 56, 16946-16962.	3.7	13
40	Ultrathin, Ultralight, and Anisotropic Ordered Reduced Graphene Oxide Fiber Electromagnetic Interference Shielding Membrane. <i>Advanced Materials Technologies</i> , 2021, 6, 2100531.	5.8	13
41	Thermally and light-triggered reconfigurable shape memory polydopamine/epoxy composite with self-healing and recyclable ability. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50526.	2.6	12
42	Degradable photo-crosslinked starch-based films with excellent shape memory property. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 1685-1693.	7.5	12
43	A deformable honeycomb sandwich composite felt with excellent microwave absorption performance at a low absorbent loading content. <i>Composite Structures</i> , 2022, 283, 115140.	5.8	12
44	Designing with Circular Arc Toolpaths to Increase the Complexity of Melt Electrowriting. <i>Advanced Materials Technologies</i> , 2022, 7, .	5.8	12
45	Self-templated route to synthesis bowl-like and deflated balloon-like hollow silica spheres. <i>Materials Letters</i> , 2017, 206, 150-153.	2.6	11
46	Compressible polypyrrole aerogel as a lightweight and wideband electromagnetic microwave absorber. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 5598-5608.	2.2	11
47	Fabrication and characterization of vapor grown carbon nanofiber/epoxy magnetic nanocomposites. <i>Polymer Composites</i> , 2016, 37, 1728-1734.	4.6	10
48	<i>In situ</i> grown silica/waterborne epoxy shape memory composite foams prepared without blowing agent addition. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	9
49	Controlled hydrothermal synthesis of different sizes of BaTiO ₃ nano-particles for microwave absorption. <i>Materials Research Express</i> , 2019, 6, 125013.	1.6	9
50	Development of high performance two-way shape memory zinc dimethacrylate/ethylene vinyl acetate composite fibers for building flexible yarn actuators. <i>Composites Science and Technology</i> , 2022, 224, 109460.	7.8	8
51	Epoxy Resin Composite Bilayers with Triple-Shape Memory Effect. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-8.	2.7	7
52	Epoxy system with two-way shape memory effect under isostress condition. <i>Polymers for Advanced Technologies</i> , 2018, 29, 3181-3185.	3.2	7
53	Experimental verification and optimization research on the energy absorption abilities of beetle elytron plate crash boxes. <i>Materials Research Express</i> , 2019, 6, 1165e2.	1.6	7
54	Electric heating behavior of flexible knitted fabrics comprising reduced graphene oxide, with emphasis on resistance temperature-sensitive behavior and decoupling of contact resistance. <i>Journal of Industrial Textiles</i> , 2022, 51, 3131S-3148S.	2.4	7

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55	Application research on infrared drying in silk re-reeling process. Textile Reseach Journal, 2012, 82, 1329-1336.	2.2	6
56	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
57	Reconstruction of Fibroin Nanofibers (FNFs) via Electrospinning: Fabrication of Poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	4.5	6
58	Silk fibroin powder prepared by nontoxic low-sodium salt system. Materials Letters, 2017, 206, 5-8.	2.6	5
59	Carbon fiber fabric/epoxy composites with electric- and light-responsive shape memory effect. Pigment and Resin Technology, 2021, 50, 377-383.	0.9	5
60	Electrothermallyâ€Driven Elongatingâ€Contracting Film Actuators Based on Twoâ€Way Shape Memory Carbon Nanotube/Ethyleneâ€Vinyl Acetate Composites. Advanced Materials Technologies, 2022, 7, .	5.8	5
61	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
62	Interfacial Adhesion and Mechanical Properties of PET Fabric/PVC Composites Enhanced by SiO2/Tributyl Citrate Hybrid Sizing. Nanomaterials, 2018, 8, 898.	4.1	4
63	Silk fibroin biomaterial-functionalized carbon nanotubes for high water dispersibility and promising biomedical applications. Textile Reseach Journal, 2019, 89, 1144-1152.	2.2	3
64	Synthesis and application of recyclable coreâ€shell structure microspheres MCTSâ€gâ€AT in detection of Hg(II) in aquatic products. Journal of the Chinese Chemical Society, 2021, 68, 1739.	1.4	2
65	Controllable assembly of continuous hollow graphene fibers with robust mechanical performance and multifunctionalities. Nanotechnology, 2022, 33, 155602.	2.6	2
66	Novel spatially distributed heating carbon fabric and decoupling of interfacial electricity. Journal of Industrial Textiles, 2022, 51, 6443S-6462S.	2.4	1
67	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