

# Yibing Cai

## List of Publications by Year in descending order

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132  
papers

4,197  
citations

87843

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134  
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134  
docs citations

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times ranked

4620  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal stability, latent heat and flame retardant properties of the thermal energy storage phase change materials based on paraffin/high density polyethylene composites. <i>Renewable Energy</i> , 2009, 34, 2117-2123.	4.3	161
2	Effects of nano-SiO <sub>2</sub> on morphology, thermal energy storage, thermal stability, and combustion properties of electrospun lauric acid/PET ultrafine composite fibers as form-stable phase change materials. <i>Applied Energy</i> , 2011, 88, 2106-2112.	5.1	150
3	Catalyzing carbonization function of $\text{ZrP}$ based intumescent fire retardant polypropylene nanocomposites. <i>Polymer Degradation and Stability</i> , 2008, 93, 2014-2018.	2.7	124
4	Formation of Yolk-Shell Nickel-Cobalt Selenide Dodecahedral Nanocages from Metal-Organic Frameworks for Efficient Hydrogen and Oxygen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 10952-10959.	3.2	110
5	Ultralight and Flexible Carbon Foam-Based Phase Change Composites with High Latent-Heat Capacity and Photothermal Conversion Capability. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 31997-32007.	4.0	108
6	Preparation and properties studies of halogen-free flame retardant form-stable phase change materials based on paraffin/high density polyethylene composites. <i>Applied Energy</i> , 2008, 85, 765-775.	5.1	104
7	Preparation and flammability of high density polyethylene/paraffin/organophilic montmorillonite hybrids as a form stable phase change material. <i>Energy Conversion and Management</i> , 2007, 48, 462-469.	4.4	94
8	A Dual-Mode Wearable Sensor Based on Bacterial Cellulose Reinforced Hydrogels for Highly Sensitive Strain/Pressure Sensing. <i>Advanced Electronic Materials</i> , 2020, 6, 1900934.	2.6	83
9	Preparation, morphology and thermal properties of electrospun fatty acid eutectics/polyethylene terephthalate form-stable phase change ultrafine composite fibers for thermal energy storage. <i>Energy Conversion and Management</i> , 2012, 64, 245-255.	4.4	82
10	Electrospun ultrafine composite fibers consisting of lauric acid and polyamide 6 as form-stable phase change materials for storage and retrieval of solar thermal energy. <i>Solar Energy Materials and Solar Cells</i> , 2012, 103, 53-61.	3.0	79
11	Fire retardant synergism between melamine and triphenyl phosphate in poly(butylene terephthalate). <i>Polymer Degradation and Stability</i> , 2006, 91, 2093-2100.	2.7	77
12	A highly flexible self-powered biosensor for glucose detection by epitaxial deposition of gold nanoparticles on conductive bacterial cellulose. <i>Chemical Engineering Journal</i> , 2018, 351, 177-188.	6.6	77
13	Fabrication and characterization of capric-lauric-palmitic acid/electrospun SiO <sub>2</sub> nanofibers composite as form-stable phase change material for thermal energy storage/retrieval. <i>Solar Energy</i> , 2015, 118, 87-95.	2.9	74
14	Preparation and characterizations of HDPE-EVA alloy/OMT nanocomposites/paraffin compounds as a shape stabilized phase change thermal energy storage material. <i>Thermochimica Acta</i> , 2006, 451, 44-51.	1.2	73
15	Flammability and thermal properties of high density polyethylene/paraffin hybrid as a form-stable phase change material. <i>Journal of Applied Polymer Science</i> , 2006, 99, 1320-1327.	1.3	73
16	Self-assembly of nitrogen-doped carbon dots anchored on bacterial cellulose and their application in iron ion detection. <i>Carbohydrate Polymers</i> , 2017, 172, 93-101.	5.1	73
17	Sonochemical Synthesis of Ordered SnO <sub>2</sub> /CMK-3 Nanocomposites and Their Lithium Storage Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 3704-3708.	4.0	71
18	Preparation, thermal and flammability properties of a novel form-stable phase change materials based on high density polyethylene/poly(ethylene-co-vinyl acetate)/organophilic montmorillonite nanocomposites/paraffin compounds. <i>Energy Conversion and Management</i> , 2008, 49, 2055-2062.	4.4	68

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19	Synthesis of novel nitrogen-doped carbon dots for highly selective detection of iron ion. <i>Nanotechnology</i> , 2017, 28, 165502.	1.3	68
20	MoS <sub>2</sub> Nanoplates Embedded in Co-N-Doped Carbon Nanocages as Efficient Catalyst for HER and OER. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5724-5733.	3.2	61
21	Electrospun nanofibrous mats absorbed with fatty acid eutectics as an innovative type of form-stable phase change materials for storage and retrieval of thermal energy. <i>Solar Energy Materials and Solar Cells</i> , 2013, 109, 160-168.	3.0	57
22	Electrospun anatase-phase TiO <sub>2</sub> nanofibers with different morphological structures and specific surface areas. <i>Journal of Colloid and Interface Science</i> , 2013, 398, 103-111.	5.0	57
23	Fabrication and characterization of electrospun SiO <sub>2</sub> nanofibers absorbed with fatty acid eutectics for thermal energy storage/retrieval. <i>Solar Energy Materials and Solar Cells</i> , 2015, 132, 183-190.	3.0	57
24	Influences of expanded graphite on structural morphology and thermal performance of composite phase change materials consisting of fatty acid eutectics and electrospun PA6 nanofibrous mats. <i>Renewable Energy</i> , 2013, 57, 163-170.	4.3	56
25	Fabrication of polyaniline/carboxymethyl cellulose/cellulose nanofibrous mats and their biosensing application. <i>Applied Surface Science</i> , 2015, 349, 35-42.	3.1	54
26	MOF-based C-doped coupled TiO <sub>2</sub> /ZnO nanofibrous membrane with crossed network connection for enhanced photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2019, 777, 982-990.	2.8	52
27	Graphene oxide improved thermal and mechanical properties of electrospun methyl stearate/polyacrylonitrile form-stable phase change composite nanofibers. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 117, 109-122.	2.0	48
28	Catalyzing carbonization function of ferric chloride based on acrylonitrile-butadiene-styrene copolymer/organophilic montmorillonite nanocomposites. <i>Polymer Degradation and Stability</i> , 2007, 92, 490-496.	2.7	47
29	Structures, thermal stability, and crystalline properties of polyamide6/organic-modified Fe-montmorillonite composite nanofibers by electrospinning. <i>Journal of Materials Science</i> , 2008, 43, 6132-6138.	1.7	45
30	Structure, morphology, thermal stability and carbonization mechanism studies of electrospun PA6/Fe-OMT nanocomposite fibers. <i>Polymer Degradation and Stability</i> , 2008, 93, 2180-2185.	2.7	45
31	Protoporphyrin-IX conjugated cellulose nanofibers that exhibit high antibacterial photodynamic inactivation efficacy. <i>Nanotechnology</i> , 2018, 29, 265601.	1.3	45
32	Facile fabrication of flexible SiO <sub>2</sub> /PANI nanofibers for ammonia gas sensing at room temperature. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 537, 532-539.	2.3	43
33	Electrospun form-stable phase change composite nanofibers consisting of capric acid-based binary fatty acid eutectics and polyethylene terephthalate. <i>Fibers and Polymers</i> , 2013, 14, 89-99.	1.1	41
34	Structure, surface morphology, thermal and flammability characterizations of polyamide6/organic-modified Fe-montmorillonite nanocomposite fibers functionalized by sputter coating of silicon. <i>Surface and Coatings Technology</i> , 2008, 203, 264-270.	2.2	40
35	Structural morphology and thermal performance of composite phase change materials consisting of capric acid series fatty acid eutectics and electrospun polyamide6 nanofibers for thermal energy storage. <i>Materials Letters</i> , 2012, 89, 43-46.	1.3	40
36	Ag-coated polyurethane fibers membranes absorbed with quinary fatty acid eutectics solid-liquid phase change materials for storage and retrieval of thermal energy. <i>Renewable Energy</i> , 2016, 99, 1-9.	4.3	40

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37	Thermal energy storage and retrieval properties of form-stable phase change nanofibrous mats based on ternary fatty acid eutectics/polyacrylonitrile composite by magnetron sputtering of silver. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 1293-1307.	2.0	40
38	Fe-doped Co <sub>9</sub> S <sub>8</sub> nanosheets on carbon fiber cloth as pH-universal freestanding electrocatalysts for efficient hydrogen evolution. <i>Electrochimica Acta</i> , 2018, 264, 157-165.	2.6	39
39	A catechol biosensor based on electrospun carbon nanofibers. <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 346-354.	1.5	38
40	High Adsorption Pearlâ€œNecklaceâ€œLike Composite Membrane Based on Metalâ€œOrganic Framework for Heavy Metal Ion Removal. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1700438.	1.2	38
41	Synthesis and characterization of thermoplastic polyurethane/montmorillonite nanocomposites produced by reactive extrusion. <i>Journal of Materials Science</i> , 2007, 42, 5785-5790.	1.7	37
42	Ammonia gas sensors based on In <sub>2</sub> O <sub>3</sub> /PANI hetero-nanofibers operating at room temperature. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 1312-1321.	1.5	37
43	Ultrafast gelation of multifunctional hydrogel/composite based on self-catalytic Fe <sup>3+</sup> /Tannic acid-cellulose nanofibers. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1457-1468.	5.0	37
44	Surface Structures and Contact Angles of Electrospun Poly(vinylidene fluoride) Nanofiber Membranes. <i>International Journal of Polymer Analysis and Characterization</i> , 2008, 13, 292-301.	0.9	35
45	Immobilization of catalases on amidoxime polyacrylonitrile nanofibrous membranes. <i>Polymer International</i> , 2013, 62, 251-256.	1.6	34
46	Thermal behavior and shape-stabilization of fatty acid eutectics/electrospun carbon nano-felts composite phase change materials enhanced by reduced graphene oxide. <i>Solar Energy Materials and Solar Cells</i> , 2019, 191, 306-315.	3.0	34
47	Effects of SiO <sub>2</sub> nanoparticles on structure and property of form-stable phase change materials made of cellulose acetate phase inversion membrane absorbed with capric-myristic-stearic acid ternary eutectic mixture. <i>Thermochimica Acta</i> , 2017, 653, 49-58.	1.2	33
48	Fabrication of hierarchical TiO <sub>2</sub> nanofibers by microemulsion electrospinning for photocatalysis applications. <i>Ceramics International</i> , 2017, 43, 15911-15917.	2.3	33
49	Structural characterization and dynamic water adsorption of electrospun polyamide6/montmorillonite nanofibers. <i>Journal of Applied Polymer Science</i> , 2008, 107, 3535-3540.	1.3	31
50	Morphology, Thermal and Mechanical Properties of Poly (Styrene-Acrylonitrile) (SAN)/Clay Nanocomposites from Organic-Modified Montmorillonite. <i>Polymer-Plastics Technology and Engineering</i> , 2007, 46, 541-548.	1.9	30
51	Protoporphyrin IX conjugated bacterial cellulose via diamide spacer arms with specific antibacterial photodynamic inactivation against <i>Escherichia coli</i> . <i>Cellulose</i> , 2018, 25, 1673-1686.	2.4	29
52	Multifunctional shape-stabilized phase change composites based upon multi-walled carbon nanotubes and polypyrrole decorated melamine foam for light/electric-to-thermal energy conversion and storage. <i>Journal of Energy Storage</i> , 2021, 43, 103187.	3.9	29
53	Highly flexible, transparent, and conductive silver nanowire-attached bacterial cellulose conductors. <i>Cellulose</i> , 2018, 25, 3189-3196.	2.4	28
54	Surface functionalization of carbon nanofibers by solâ€œgel coating of zinc oxide. <i>Applied Surface Science</i> , 2008, 254, 6543-6546.	3.1	27

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55	The Improvement of Thermal Stability and Conductivity via Incorporation of Carbon Nanofibers into Electrospun Ultrafine Composite Fibers of Lauric Acid/Polyamide 6 Phase Change Materials for Thermal Energy Storage. <i>International Journal of Green Energy</i> , 2014, 11, 861-875.	2.1	27
56	Preparation of novel form-stable composite phase change materials with porous silica nanofibrous mats for thermal storage/retrieval. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 570, 1-10.	2.3	27
57	Influence of gamma irradiation on high density polyethylene/ethylene-vinyl acetate/clay nanocomposites. <i>Polymers for Advanced Technologies</i> , 2004, 15, 601-605.	1.6	26
58	Effect of temperature on structure, morphology and crystallinity of PVDF nanofibers via electrospinning. <i>E-Polymers</i> , 2008, 8, .	1.3	26
59	3D Lamellar Structure of Biomass-Based Porous Carbon Derived from Towel Gourd toward Phase Change Composites with Thermal Management and Protection. <i>ACS Applied Bio Materials</i> , 2020, 3, 8923-8932.	2.3	26
60	Evaluation of the interfacial bonding between fibrous substrate and sputter coated copper. <i>Surface and Coatings Technology</i> , 2008, 202, 4673-4680.	2.2	25
61	Electrospinning combined with hydrothermal synthesis and lithium storage properties of ZnFe <sub>2</sub> O <sub>4</sub> -graphene composite nanofibers. <i>Ceramics International</i> , 2017, 43, 2136-2142.	2.3	25
62	Surface functionalization, morphology and thermal properties of polyamide6/O-MMT composite nanofibers by Fe <sub>2</sub> O <sub>3</sub> sputter coating. <i>Applied Surface Science</i> , 2008, 254, 5501-5505.	3.1	24
63	Influences of organic-modified Fe-montmorillonite on structure, morphology and properties of polyacrylonitrile nanocomposite fibers. <i>Fibers and Polymers</i> , 2009, 10, 750-755.	1.1	24
64	Comparison Between Structures and Properties of ABS Nanocomposites Derived from Two Different Kinds of OMT. <i>Journal of Materials Engineering and Performance</i> , 2010, 19, 171-176.	1.2	24
65	Surface modification of PMMA/O-MMT composite microfibers by TiO <sub>2</sub> coating. <i>Applied Surface Science</i> , 2011, 258, 98-102.	3.1	24
66	Carbon-Coated Magnesium Ferrite Nanofibers for Lithium-ion Battery Anodes with Enhanced Cycling Performance. <i>Energy Technology</i> , 2017, 5, 1364-1372.	1.8	22
67	Preparation of TiO <sub>2</sub> Nanofibrous Membranes with Hierarchical Porosity for Efficient Photocatalytic Degradation. <i>Journal of Physical Chemistry C</i> , 2018, 122, 8946-8953.	1.5	22
68	Solvothermal synthesis of NiO/C hybrid microspheres as Li-intercalation electrode material. <i>Materials Letters</i> , 2010, 64, 1022-1024.	1.3	21
69	Structure, Thermal, and Antibacterial Properties of Polyacrylonitrile/Ferric Chloride Nanocomposite Fibers by Electrospinning. <i>International Journal of Polymer Analysis and Characterization</i> , 2010, 15, 110-118.	0.9	21
70	Removal of a Cationic Dye by Adsorption/Photodegradation Using Electrospun PAN/O-MMT Composite Nanofibrous Membranes Coated with TiO <sub>2</sub> . <i>International Journal of Photoenergy</i> , 2012, 2012, 1-8.	1.4	21
71	Amperometric detection of hydrogen peroxide using a nanofibrous membrane sputtered with silver. <i>RSC Advances</i> , 2014, 4, 3857-3863.	1.7	21
72	Functionalization of polyamide 6 nanofibers by electroless deposition of copper. <i>Journal of Coatings Technology Research</i> , 2008, 5, 399-403.	1.2	20

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73	Wetting behavior of electrospun poly(L-lactic acid)/poly(vinyl alcohol) composite nonwovens. <i>Journal of Applied Polymer Science</i> , 2008, 110, 3172-3177.	1.3	19
74	Electrospun ultrafine composite fibers of binary fatty acid eutectics and polyethylene terephthalate as innovative form-stable phase change materials for storage and retrieval of thermal energy. <i>International Journal of Energy Research</i> , 2013, 37, 657-664.	2.2	19
75	Recent advances of micro-nanofiber materials for rechargeable zinc-air batteries. <i>Energy Storage Materials</i> , 2022, 51, 181-211.	9.5	19
76	Effect of order of mixing on morphology and thermal properties of the compatibilized PBT and ABS alloys/OMT nanocomposites. <i>Journal of Applied Polymer Science</i> , 2007, 104, 2130-2139.	1.3	18
77	Thermal and mechanical properties of nanofibers-based form-stable PCMs consisting of glycerol monostearate and polyethylene terephthalate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 114, 101-111.	2.0	18
78	Novel freestanding N-doped carbon coated Fe <sub>3</sub> O <sub>4</sub> nanocomposites with 3D carbon fibers network derived from bacterial cellulose for supercapacitor application. <i>Journal of Electroanalytical Chemistry</i> , 2018, 810, 18-26.	1.9	18
79	Fluorescent Nitrogen-Doped Carbon Dots via Single-Step Synthesis Applied as Fluorescent Probe for the Detection of Fe <sup>3+</sup> Ions and Anti-Counterfeiting Inks. <i>Nano</i> , 2018, 13, 1850097.	0.5	18
80	Electrospun TiO <sub>2</sub> nanofibers coated with polydopamine for enhanced sunlight-driven photocatalytic degradation of cationic dyes. <i>Surface and Interface Analysis</i> , 2019, 51, 169-176.	0.8	18
81	Effects of ferric chloride on structure, surface morphology and combustion property of electrospun polyacrylonitrile composite nanofibers. <i>Fibers and Polymers</i> , 2011, 12, 145-150.	1.1	17
82	Effects of carbon nanotubes on morphological structure, thermal and flammability properties of electrospun composite fibers consisting of lauric acid and polyamide 6 as thermal energy storage materials. <i>Fibers and Polymers</i> , 2012, 13, 837-845.	1.1	17
83	Sonochemical synthesis and high lithium storage properties of ordered Co/CMK-3 nanocomposites. <i>Applied Surface Science</i> , 2017, 400, 492-497.	3.1	17
84	Effect of pore distribution on the lithium storage properties of porous C/SnO <sub>2</sub> nanofibers. <i>Journal of Alloys and Compounds</i> , 2017, 711, 414-423.	2.8	16
85	Facile controlled synthesis of monodispersed MoO <sub>3</sub> -MoS <sub>2</sub> hybrid nanospheres for efficient hydrogen evolution reaction. <i>Applied Surface Science</i> , 2020, 529, 147115.	3.1	16
86	Fabrication of hydrophilic nanoporous PMMA/O-MMT composite microfibrinous membrane and its use in enzyme immobilization. <i>Journal of Porous Materials</i> , 2013, 20, 457-464.	1.3	15
87	Flexible cellulose acetate nano-felts absorbed with capric-myristic-stearic acid ternary eutectic mixture as form-stable phase-change materials for thermal energy storage/retrieval. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 128, 661-673.	2.0	15
88	Wintersweet Branch-Like C/C@SnO <sub>2</sub> /MoS <sub>2</sub> Nanofibers as High-Performance Li and Na-Ion Battery Anodes. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1700295.	1.2	15
89	Deposition of TiO <sub>2</sub> Nanoparticles on Porous Polylactic Acid Fibrous Substrates and Its Photocatalytic Capability. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 5617-5623.	0.9	15
90	Electrochemical charge storage of flowerlike rutile TiO <sub>2</sub> nanorods. <i>Chemical Physics Letters</i> , 2010, 490, 180-183.	1.2	14

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91	Preparation, Morphology and Properties of Electrospun Lauric Acid/PET Form-Stable Phase Change Ultrafine Composite Fibres. <i>Polymers and Polymer Composites</i> , 2011, 19, 773-780.	1.0	14
92	Solvothermal preparation and lithium storage properties of Fe <sub>2</sub> O <sub>3</sub> /C hybrid microspheres. <i>Journal of Alloys and Compounds</i> , 2012, 513, 220-223.	2.8	14
93	A form-stable phase change material made with a cellulose acetate nanofibrous mat from bicomponent electrospinning and incorporated capricâ€“myristicâ€“stearic acid ternary eutectic mixture for thermal energy storage/retrieval. <i>RSC Advances</i> , 2015, 5, 84245-84251.	1.7	14
94	In situ 3D bacterial cellulose/nitrogen-doped graphene oxide quantum dot-based membrane fluorescent probes for aggregation-induced detection of iron ions. <i>Cellulose</i> , 2019, 26, 6073-6086.	2.4	14
95	Characterization of PVAc/TiO <sub>2</sub> hybrid nanofibers: From fibrous morphologies to molecular structures. <i>Journal of Applied Polymer Science</i> , 2009, 112, 1481-1485.	1.3	13
96	Electrochemical properties of rutile TiO <sub>2</sub> nanorods as anode material for lithium-ion batteries. <i>Ionics</i> , 2012, 18, 667-672.	1.2	13
97	Fabrication and characterization of polyamide6-room temperature ionic liquid (PA6-RTIL) composite nanofibers by electrospinning. <i>Fibers and Polymers</i> , 2013, 14, 1614-1619.	1.1	13
98	Liquid or solid? a biologically inspired concentrated suspension for protective coating. <i>Chemical Engineering Journal</i> , 2022, 428, 131793.	6.6	13
99	Fabrication of flexible TiO <sub>2</sub> -SiO <sub>2</sub> composite nanofibers with variable structure as efficient adsorbent. <i>Ceramics International</i> , 2020, 46, 3543-3549.	2.3	12
100	Fabrication, Structural Morphology and Thermal Energy Storage/Retrieval of Ultrafine Phase Change Fibres Consisting of Polyethylene Glycol and Polyamide 6 by Electrospinning. <i>Polymers and Polymer Composites</i> , 2013, 21, 525-532.	1.0	11
101	Fabrication and Performance of Shape-Stable Phase Change Composites Supported by Environment-Friendly and Economical Loofah Sponge Fibers for Thermal Energy Storage. <i>Energy &amp; Fuels</i> , 2022, 36, 3938-3946.	2.5	11
102	Preparation and characterization of poly (styrene-acrylonitrile) (SAN)/clay nanocomposites by melt intercalation. <i>Journal of Materials Science</i> , 2007, 42, 5524-5533.	1.7	10
103	One-pot synthesis and electrochemical property of MnO/C hybrid microspheres. <i>Ionics</i> , 2013, 19, 595-600.	1.2	10
104	Characterization of polymer nanofibers coated by reactive sputtering of zinc. <i>Journal of Materials Processing Technology</i> , 2009, 209, 2028-2032.	3.1	9
105	Cu Nanoparticles Improved Thermal Property of Form-Stable Phase Change Materials Made with Carbon Nanofibers and LA-MA-SA Eutectic Mixture. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 2723-2731.	0.9	9
106	Surface nanostructures and dynamic contact angles of functionalized poly(ethylene terephthalate) fibers. <i>Journal of Applied Polymer Science</i> , 2008, 109, 654-658.	1.3	8
107	Fabrication and characterization of porous cellulose acetate films by breath figure incorporated with capric acid as form-stable phase change materials for storing/retrieving thermal energy. <i>Fibers and Polymers</i> , 2017, 18, 253-263.	1.1	8
108	Facile one-step solid-state reaction to synthesis of hafnium carbide nanoparticles at low temperature. <i>Journal of the Ceramic Society of Japan</i> , 2017, 125, 789-791.	0.5	8

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109	Surface characterization of aromatic thermotropic liquid crystalline fiber deposited by nanostructured silver. <i>Fibers and Polymers</i> , 2010, 11, 813-818.	1.1	6
110	High-performance polyacrylonitrile-based pre-oxidized fibers fabricated through strategy with chemical pretreatment, layer-by-layer assembly, and stabilization techniques. <i>High Performance Polymers</i> , 2021, 33, 105-114.	0.8	6
111	Fabrication of hierarchically porous TiO <sub>2</sub> nanofibers by microemulsion electrospinning and their application as anode material for lithium-ion batteries. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 1297-1306.	1.5	5
112	Graphene Oxide Nanocoating Prevents Flame Spread on Polyurethane Sponge. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 5105-5112.	0.9	5
113	Fabrication of Form-Stable Phase Change Materials Based on Mechanically Flexible SiO <sub>2</sub> Nanofibrous Mats for Thermal Energy Storage/Retrieval. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 5562-5571.	0.9	5
114	Effect of Graphene Oxide-Modified Cobalt Nickel Phosphate on Flame Retardancy of Epoxy Resin. <i>Frontiers in Materials</i> , 2020, 7, .	1.2	5
115	Intelligent safeguarding Leather with excellent energy absorption via the toughness-flexibility coupling designation. <i>Composites Part A: Applied Science and Manufacturing</i> , 2022, 161, 107078.	3.8	5
116	The catalyzing carbonization properties of acrylonitrile-butadiene-styrene copolymer (ABS)/rare earth oxide (La <sub>2</sub> O <sub>3</sub> )/organophilic montmorillonite(OMT) nanocomposites. <i>Journal of Polymer Research</i> , 2010, 17, 83-88.	1.2	4
117	Fabrication and characterization of electrospun porous cellulose acetate nanofibrous mats incorporated with capric acid as form-stable phase change materials for storing/retrieving thermal energy. <i>International Journal of Green Energy</i> , 2017, 14, 1011-1019.	2.1	4
118	Superior Form-Stable Phase Change Material Made with Graphene-Connected Carbon Nanofibers and Fatty Acid Eutectics. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 7044-7053.	0.9	4
119	Effects of chemical pre-treatment on structure and property of polyacrylonitrile based pre-oxidized fibers. <i>Journal of Engineered Fibers and Fabrics</i> , 2020, 15, 155892501989894.	0.5	4
120	Biomorphic NiO/Ni with a Regular Pore Array Structure as a Supercapacitor Electrode Material. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 562-566.	1.0	4
121	Preparation, Surface Morphology, and Thermal Stability of Polyamide 6 Composite Nanofibres by Electrospinning. <i>Polymers and Polymer Composites</i> , 2008, 16, 605-610.	1.0	3
122	Comparison Between Effects of Two Different Cationic Surfactants on Structure and Properties of HIPS/OMT Nanocomposites. <i>Journal of Reinforced Plastics and Composites</i> , 2009, 28, 2161-2172.	1.6	3
123	The Effect of Organic/Inorganic Hybridization on the Structures of Nanofibers. <i>Journal of Industrial Textiles</i> , 2010, 39, 293-304.	1.1	3
124	Structure and Morphological Evolvement of Electrospun Polyacrylonitrile/Organic-Modified Fe-Montmorillonite Composite Carbon Nanofibers. <i>International Journal of Polymer Analysis and Characterization</i> , 2011, 16, 24-35.	0.9	3
125	Preparation and characterization of polyaniline/Fe <sub>3</sub> O <sub>4</sub> -polyacrylonitrile composite nanofibers. <i>International Journal of Materials Research</i> , 2012, 103, 1390-1394.	0.1	3
126	Morphology, thermal and mechanical properties of PVAc/ TiO <sub>2</sub> hybrid nanofibers. <i>E-Polymers</i> , 2009, 9, .	1.3	2



#	ARTICLE	IF	CITATIONS
127	Preparation and Characterization of porous Carbon/Nickel Nanofibers for Supercapacitor. Journal of Engineered Fibers and Fabrics, 2013, 8, 155892501300800.	0.5	2
128	Inspection for supercritical CO <sub>2</sub> dyeing of poly(m-phenylene isophthalamide) by kinetics and thermodynamics analysis. Journal of Engineered Fibers and Fabrics, 2019, 14, 155892501988640.	0.5	1
129	Structure, Morphology and Thermal Stability of Porous Carbon Nanofibers Loaded with Cobalt Nanoparticles. Journal of Engineered Fibers and Fabrics, 2011, 6, 155892501100600.	0.5	0
130	Effect of FeCl <sub>3</sub> on the morphology, wetting behavior, and stabilization/carbonization of polyacrylonitrile nanofibers prepared by electrospinning. E-Polymers, 2012, 12, .	1.3	0
131	Preparation and Characterization of Porous TiO <sub>2</sub> Fibers and Their Photocatalytic Activity. Journal of Engineered Fibers and Fabrics, 2012, 7, 155892501200700.	0.5	0
132	Preparation and Characterization of Porous Carbon/Nickle Nanofibers by Electrospinning. Advanced Science Letters, 2012, 10, 672-674.	0.2	0