Guo Jing

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

71 papers	641 citations	13 h-index	22 g-index
77 ext. papers	882 ext. citations	4 avg, IF	4.17 L-index

#	Paper	IF	Citations
71	Bacterial Cellulose Supported Gold Nanoparticles with Excellent Catalytic Properties. *ACS Applied Materials & Interfaces*, **2015**, 7, 21717-26	9.5	143
70	Hydrogen bonds of sodium alginate/Antarctic krill protein composite material. *Carbohydrate Polymers*, **2016**, 142, 275-81	10.3	51
69	Effects of sodium salt types on the intermolecular interaction of sodium alginate/antarctic krill protein composite fibers. *Carbohydrate Polymers*, **2018**, 189, 72-78	10.3	32
68	Synthesis and thermal properties of cross-linked poly(acrylonitrile-co-itaconate)/polyethylene glycol as novel form-stable change material. *Energy Conversion and Management*, **2016**, 110, 176-183	10.6	26
67	Preparation of poly(decaglycerol-co-ethylene glycol) copolymer as phase change material. *Energy and Buildings*, **2012**, 48, 206-210	7	26
66	A Novel Solid-Solid Phase Change Material Based on Poly(styrene-co-acrylonitrile) Grafting With Palmitic Acid Copolymers. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2015**, 52, 617-624	2.2	22
65	Preparation and thermal properties of cross-linked poly(acrylonitrile-co-itaconate)/polyethylene glycol as novel form-stable phase change material for thermal energy storage. *Materials Letters*, **2016**, 171, 23-26	3.3	22
64	Preparation, characterizations and properties of sodium alginate grafted acrylonitrile/polyethylene glycol electrospun nanofibers. *International Journal of Biological Macromolecules*, **2019**, 137, 420-425	7.9	16
63	Preparation and characterization of novel super-artificial hair fiber based on biomass materials. *International Journal of Biological Macromolecules*, **2017**, 99, 166-172	7.9	14
62	A sodium alginate/feather keratin composite fiber with skin-core structure as the carrier for sustained drug release. *International Journal of Biological Macromolecules*, **2020**, 155, 386-392	7.9	14
61	Mechanical and thermal properties of polypropylene/modified basalt fabric composites. *Journal of Applied Polymer Science*, **2015**, 132, n/a-n/a	2.9	14
60	Novel phase change materials based on fatty acid eutectics and triallyl isocyanurate composites for thermal energy storage. *Journal of Applied Polymer Science*, **2017**, 134, 44866	2.9	13
59	Hydrogen bonding in chitosan/Antarctic krill protein composite system: Study on construction and enhancement mechanism. *International Journal of Biological Macromolecules*, **2020**, 142, 513-520	7.9	13
58	Starch-graft-polyacrylonitrile nanofibers by electrospinning. *International Journal of Biological Macromolecules*, **2018**, 120, 2552-2559	7.9	13
57	Preparation of PNHMPA/PEG interpenetrating polymer networks gel and its application for phase change fibers. *Journal of Applied Polymer Science*, **2013**, 129, 1563-1568	2.9	12
56	Adsorption Properties of Calcium Alginate-Silica Dioxide Hybrid Adsorbent to Methylene Blue. *Journal of Inorganic and Organometallic Polymers and Materials*, **2020**, 30, 2114-2125	3.2	11
55	Green preparation of hollow mesoporous silica nanosphere inside-loaded gold nanoparticles and the catalytic activity. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2017**, 54, 376-381	2.2	10

54	Properties of cellulose/Antarctic krill protein composite fibers prepared in different coagulation baths. *International Journal of Biological Macromolecules*, **2018**, 114, 334-340	7.9	10
53	Bending Properties of Zigzag-Shaped 3D Woven Spacer Composites: Experiment and FEM Simulation. *Materials*, **2019**, 12,	3.5	9
52	Synthesis and characterization of graft copolymer of polyacrylonitrile-g-polyethylene glycol-maleic acid monoester macromonomer. *Journal of Applied Polymer Science*, **2014**, 131, n/a-n/a	2.9	8
51	On Preparation and Characterization of the Phase Change Nanofibers From the Copolymer of Poly(styrene-co-acrylonitrile) and Lauric Acid. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2015**, 52, 699-706	2.2	7
50	Solid solid phase change (SSPC) chitosan-g-mPEG fiber with improved mechanical performance via in-situ wet spinning process. *Carbohydrate Polymers*, **2020**, 240, 116313	10.3	7
49	Preparation and characterization of pentaerythritol/butane tetracarboxylic acid/polyethylene glycol crosslinking copolymers as solid-solid phase change materials. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2016**, 53, 500-506	2.2	7
48	Flame-Retardant and Sound-Absorption Properties of Composites Based on Kapok Fiber. *Materials*, **2020**, 13,	3.5	7
47	Sodium alginate/feather keratin-g-allyloxy polyethylene glycol composite phase change fiber. *International Journal of Biological Macromolecules*, **2019**, 131, 192-200	7.9	7
46	Preparation of calcium alginate/polyethylene glycol acrylate double network fiber with excellent properties by dynamic molding method. *Carbohydrate Polymers*, **2019**, 226, 115277	10.3	6
45	Sound Absorption Properties of DFs/EVA Composites. *Polymers*, **2019**, 11,	4.5	6
44	Preparation and characterization of di-hexadecanol maleic/triallyl isocyanurate cross-linked copolymer as solid–solid phase change materials. *Journal of Applied Polymer Science*, **2016**, 133,	2.9	6
43	Sodium alginate-polyethylene glycol diacrylate based double network fiber: Rheological properties of fiber forming solution with semi-interpenetrating network structure. *International Journal of Biological Macromolecules*, **2020**, 142, 535-544	7.9	6
42	A Comparative Study on Properties of Cellulose/Antarctic Krill Protein Composite Fiber by Centrifugal Spinning and Wet Spinning. *Fibers and Polymers*, **2019**, 20, 1547-1554	2	5
41	Effect of Coagulation Bath Temperature on Mechanical, Morphological, and Thermal Properties of Cellulose/Antarctic Krill Protein Composite Fibers. *Langmuir*, **2020**, 36, 5647-5653	4	5
40	Sound Absorption Performance of the Poplar Seed Fiber/PCL Composite Materials. *Materials*, **2020**, 13,	3.5	5
39	Synthesis of a Novel Flame Retardant and Its Synergistic Effect With a Phosphapheanthrene Flame Retardant in Polypropylene/Polyethylene Vinyl Acetate Blends. *Journal of Macromolecular Science - Physics*, **2018**, 57, 31-43	1.4	5
38	Study on the toughening mechanism of PP/EVA dynamically crosslinked blend. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2016**, 53, 523-529	2.2	5
37	Engineering oriented hierarchical lamellar structures in SBS/PS blends via a pressure-induced flow field. *RSC Advances*, **2016**, 6, 21546-21554	3.7	5

36	Improvement in mechanical and hygroscopic properties of modified SA fiber crosslinking with PEGDE. *Journal of Applied Polymer Science*, **2019**, 136, 47155	2.9	5
35	Study on performance characteristics of fused deposition modeling 3D-printed composites by blending and lamination. *Journal of Applied Polymer Science*, **2021**, 138, 32495	2.9	5
34	Axial Compression Experiments and Finite Element Analysis of Basalt Fiber/Epoxy Resin Three-Dimensional Tubular Woven Composites. *Materials*, **2020**, 13,	3.5	4
33	Synthesis and thermal properties of poly(acrylonitrile-co-allyl glycidyl ether)-graft-methoxypoly(ethylene glycol) copolymers as novel solid–solid phase-change materials for thermal energy storage. *Journal of Applied Polymer Science*, **2018**, 135, 46641	2.9	4
32	Multiligand Europium Complexes Incorporated Polyvinylpyrrolidone for Enhanced Solar Cell. *Advances in Materials Science and Engineering*, **2019**, 2019, 1-13	1.5	3
31	Sound absorption properties of multi-layer structural composite materials based on waste corn husk fibers. *Journal of Engineered Fibers and Fabrics*, **2020**, 15, 155892502091086	0.9	3
30	Formaldehyde-Controlled Synthesis of Multishelled Hollow Mesoporous SiO Microspheres. *Langmuir*, **2019**, 35, 14517-14521	4	3
29	Rheological, Mechanical and Thermal Properties of Polytrimethylene Terephthalate. *Polymer-Plastics Technology and Engineering*, **2012**, 51, 199-207		3
28	Dynamic formation of calcium alginate/polyethylene glycol acrylate dual network fibers enhanced by polyvinyl alcohol microcrystalline cross-linking. *New Journal of Chemistry*, **2020**, 44, 17431-17441	3.6	3
27	Preparation, Characterization and Properties of High-salt-tolerance Sodium Alginate/Krill Protein Composite Fibers. *Fibers and Polymers*, **2018**, 19, 1074-1083	2	3
26	Green planting silver nanoparticles on Populus fibers and the catalytic application. *Research on Chemical Intermediates*, **2018**, 44, 5669-5681	2.8	2
25	Thermal Properties of Electrospun Polyacrylonitrile-Graft-Antarctic Krill Protein. *AATCC Journal of Research*, **2015**, 2, 14-19	1	2
24	Rheological, thermal, and mechanical properties of P (3HB-co-4HB) and P (3HB-co-4HB)/EVA blends. *Journal of Applied Polymer Science*, **2014**, 131, n/a-n/a	2.9	2
23	Study on kenaf flame retarded by halogen-free flame retardant/HIPS composites. *Fibers and Polymers*, **2014**, 15, 2181-2185	2	2
22	Properties of a Solid–Solid Phase Change Material PAN/SA-LA/ZMS. *Applied Mechanics and Materials*, **2014**, 703, 3-8	0.3	2
21	The Study of Rheological and Mechanical Properties of the Antarctic Krill Protein/Sodium Alginate Fibers. *Advanced Materials Research*, **2013**, 813, 377-381	0.5	2
20	Performance evaluation on particle-reinforced rigid/flexible composites via fused deposition modeling 3D printing. *Journal of Applied Polymer Science*,52149	2.9	2
19	Electrospun Sericin/PNIPAM-Based Nano-Modified Cotton Fabric with Multi-Function Responsiveness. *Coatings*, **2021**, 11, 632	2.9	2

18	The Effect of Sulfates on Properties of Cellulose/Dialdehyde Cellulose/Antarctic Krill Protein Composite Fibers. *Fibers and Polymers*,1	2	2
17	Preparation and Adsorption Properties of Magnetic Composite Microspheres Containing Metal□Organic Double Network Structure. *Journal of Inorganic and Organometallic Polymers and Materials*, **2020**, 30, 2301-2314	3.2	2
16	Tensile properties and corrosion resistance of PCL-based 3D printed composites. *Journal of Applied Polymer Science*, **2021**, 138, 50253	2.9	2
15	Effect of graphene oxide on the molecules of a sodium alginate□krill protein composite system and characterization of the system's composite fiber morphology and mechanical properties. *Journal of Applied Polymer Science*, **2018**, 135, 46642	2.9	2
14	Improved Properties of Cellulose/Antarctic Krill Protein Composite Fibers with a Multiple Cross-Linking Network. *Advanced Fiber Materials*,1	10.9	2
13	Preparation and characterization of multi-network hydrogels based on sodium alginate/krill protein/polyacrylamide-Strength, shape memory, conductivity and biocompatibility.. *International Journal of Biological Macromolecules*, **2022**, 207, 140-151	7.9	2
12	Sound Absorption Properties of Three-Layer Structural Composites Based on Discarded Polyester Fibers and Fabrics. *Journal of Fiber Science and Technology*, **2018**, 74, 67-72	0.8	1
11	The construction of a seaweed-based antibacterial membrane loaded with nano-silver based on the formation of a dynamic united dual network structure. *New Journal of Chemistry*, **2022**, 46, 511-520	3.6	1
10	Preparation of Electrospun Polyvinyl Alcohol/Nanocellulose Composite Film and Evaluation of Its Biomedical Performance. *Gels*, **2021**, 7,	4.2	1
9	Sound absorption, thermal, and flame retardant properties of nonwoven wall cloth with waste fibers. *Journal of Engineered Fibers and Fabrics*, **2020**, 15, 155892502093412	0.9	1
8	Polyethylene glycol modified epoxy acrylate UV curable 3D printing materials. *Journal of Applied Polymer Science*, **2021**, 138, 50102	2.9	1
7	Preparation of high-strength and high-toughness sodium alginate fibers based on the study of multi-ion diffusion kinetics in a low temperature dissolution system. *New Journal of Chemistry*, **2021**, 45, 5981-5991	3.6	1
6	Structure and performance preparation on alginate-based fibrous aerogel with double network. *International Journal of Polymer Analysis and Characterization*, **2021**, 26, 218-227	1.7	1
5	Preparation of high-strength and high-toughness biomass medical films based on a polydopamine dynamically united calcium alginate/carboxymethyl chitosan dual network. *New Journal of Chemistry*, **2021**, 45, 14469-14482	3.6	1
4	Study on the Relationship between Accelerated Aging, Color Characterization and Properties of Natural Fibers. *Journal of Natural Fibers*,1-11	1.8	0
3	Preparation of Polyvinyl Alcohol/Ninhydrin Blend Nanomembranes by Needleless Electrospinning and Their Application in Latent Finger Mark Detection. *Journal of Macromolecular Science - Physics*, **2020**, 59, 49-64	1.4	0
2	Compression properties of three-dimensional I-shaped woven composites with basalt fiber filament tows. *Journal of Engineered Fibers and Fabrics*, **2019**, 14, 155892501988468	0.9	0
1	A novel Eu(BPA)Phen/PA6 fiber with high luminescence efficiency and heat stability. *Polymer*, **2022**, 124377	3.9	0