Yumei Gong

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Bacterial Cellulose Supported Gold Nanoparticles with Excellent Catalytic Properties. ACS Applied Materials & Interfaces, 2015, 7, 21717-21726.	8.0	169
2	Rhythmic Growth-Induced Concentric Ring-Banded Structures in Poly(Îμ-caprolactone) Solution-Casting Films Obtained at the Slow Solvent Evaporation Rate. Macromolecules, 2007, 40, 4381-4385.	4.8	68
3	Effect of the Nature of Annealing Solvent on the Morphology of Diblock Copolymer Blend Thin Films. Macromolecules, 2008, 41, 890-900.	4.8	39
4	The applications of populus fiber in removal of Cr(VI) from aqueous solution. Applied Surface Science, 2016, 383, 133-141.	6.1	33
5	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	28
6	Inverted to Normal Phase Transition in Solution-Cast Polystyreneâ^'Poly(methyl methacrylate) Block Copolymer Thin Films. Macromolecules, 2006, 39, 3369-3376.	4.8	27
7	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.	7.5	27
8	Fe3O4@Carbon Nanofibers Synthesized from Cellulose Acetate and Application in Lithium-Ion Battery. Langmuir, 2020, 36, 11237-11244.	3.5	26
9	Mechanical and thermal properties of polypropylene/modified basalt fabric composites. Journal of Applied Polymer Science, 2015, 132, .	2.6	24
10	The Effect of the Preferential Affinity of the Solvent on the Microstructure of Solution-Cast Block Copolymer Thin Films. Journal of Physical Chemistry B, 2010, 114, 1264-1270.	2.6	23
11	Starch-graft-polyacrylonitrile nanofibers by electrospinning. International Journal of Biological Macromolecules, 2018, 120, 2552-2559.	7.5	23
12	In-situ preparation of a shape stable phase change material. Renewable Energy, 2017, 108, 244-249.	8.9	22
13	In-situ reduced silver nanoparticles on populus fiber and the catalytic application. Applied Surface Science, 2017, 394, 351-357.	6.1	21
14	Solvent-Induced Novel Morphologies in Diblock Copolymer Blend Thin Films. Journal of Physical Chemistry B, 2006, 110, 1647-1655.	2.6	20
15	Study on polysaccharide polyelectrolyte complex and fabrication of alginate/chitosan derivative composite fibers. International Journal of Biological Macromolecules, 2021, 184, 181-187.	7.5	20
16	An injectable serotonin–chondroitin sulfate hydrogel for bio-inspired hemostatic adhesives with high wound healing capability. Materials Advances, 2021, 2, 5150-5159.	5.4	19
17	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.	2.6	17
18	Sodium alginate/feather keratin-g-allyloxy polyethylene glycol composite phase change fiber. International Journal of Biological Macromolecules, 2019, 131, 192-200.	7.5	17

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19	Preparation of PNHMPA/PEG interpenetrating polymer networks gel and its application for phase change fibers. Journal of Applied Polymer Science, 2013, 129, 1563-1568.	2.6	16
20	Polyethylene glycol modified epoxy acrylate UV curable 3D printing materials. Journal of Applied Polymer Science, 2021, 138, 50102.	2.6	14
21	Properties of cellulose/Antarctic krill protein composite fibers prepared in different coagulation baths. International Journal of Biological Macromolecules, 2018, 114, 334-340.	7.5	13
22	Study on performance characteristics of fused deposition modeling <scp>3D</scp> â€printed composites by blending and lamination. Journal of Applied Polymer Science, 2021, 138, 32495.	2.6	13
23	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	11
24	Solvent vapor induced morphology transition in thin film of cylinder forming diblock copolymer. Applied Surface Science, 2011, 257, 8093-8101.	6.1	10
25	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
26	Green Preparation of Thermochromic Starch-Based Fibers through a Wet-Spinning Process. ACS Applied Polymer Materials, 2021, 3, 436-444.	4.4	10
27	Formaldehyde-Controlled Synthesis of Multishelled Hollow Mesoporous SiO ₂ Microspheres. Langmuir, 2019, 35, 14517-14521.	3.5	9
28	Effect of Coagulation Bath Temperature on Mechanical, Morphological, and Thermal Properties of Cellulose/Antarctic Krill Protein Composite Fibers. Langmuir, 2020, 36, 5647-5653.	3.5	9
29	Preparation and characterization of diâ€hexadecanol maleic/triallyl isocyanurate crossâ€linked copolymer as solid–solid phase change materials. Journal of Applied Polymer Science, 2016, 133, .	2.6	8
30	Formaldehyde Controlling the Synthesis of Multishelled SiO ₂ /Fe <i>_x</i> O <i>_y</i> Hollow Porous Spheres. Langmuir, 2018, 34, 8223-8229.	3.5	7
31	Performance evaluation on particleâ€reinforced rigid/flexible composites via fused deposition modeling <scp>3D</scp> printing. Journal of Applied Polymer Science, 2022, 139, .	2.6	7
32	Preparation of ZnO nanorods on conductive PET-ITO-Ag fibers. Applied Surface Science, 2016, 388, 331-338.	6.1	5
33	Study on the Relationship between Accelerated Aging, Color Characterization and Properties of Natural Fibers, 2022, 19, 10668-10678.	3.1	5
34	Study of fiber morphology characteristics of discontinuous carbon-fiber-reinforced indium tin oxide transparent conductive film by image analysis method. Japanese Journal of Applied Physics, 2018, 57, 101801.	1.5	4
35	Tensile properties and corrosion resistance of PCL â€based 3D printed composites. Journal of Applied Polymer Science, 2021, 138, 50253.	2.6	4
36	The Effect of Sulfates on Properties of Cellulose/Dialdehyde Cellulose/Antarctic Krill Protein Composite Fibers. Fibers and Polymers, 0, , 1.	2.1	4

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#	Article	IF	CITATIONS
37	In-situ compatibilized starch/polyacylonitrile composite fiber fabricated via dry-wet spinning technique. International Journal of Biological Macromolecules, 2022, 212, 412-419.	7.5	4
38	Green planting silver nanoparticles on Populus fibers andÂthe catalytic application. Research on Chemical Intermediates, 2018, 44, 5669-5681.	2.7	3
39	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.	2.6	2
40	Solventâ€Vaporâ€Induced Rapid Assembly of Blockâ€Copolymer Film via Prevacuumizing. Macromolecular Chemistry and Physics, 2014, 215, 1092-1097.	2.2	2
41	Construction of K ⁺ responsive surface on SEBS to reduce the hemolysis of preserved erythrocytes. RSC Advances, 2019, 9, 5251-5258.	3.6	2
42	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.	0.4	1
43	Fluorescent N-functionalized carbon nanodots from carboxymethylcellulose for sensing of high-valence metal ions and cell imaging. RSC Advances, 2021, 11, 34898-34907.	3.6	1