

Yumei Gong

List of Publications by Citations

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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.

42
papers

581
citations

13
h-index

23
g-index

44
ext. papers

696
ext. citations

4.3
avg, IF

3.86
L-index

#	Paper	IF	Citations
42	Bacterial Cellulose Supported Gold Nanoparticles with Excellent Catalytic Properties. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 21717-26	9.5	143
41	Rhythmic Growth-Induced Concentric Ring-Banded Structures in Poly(ϵ -caprolactone) Solution-Casting Films Obtained at the Slow Solvent Evaporation Rate. <i>Macromolecules</i> , 2007 , 40, 4381-4385	5.5	65
40	Effect of the Nature of Annealing Solvent on the Morphology of Diblock Copolymer Blend Thin Films. <i>Macromolecules</i> , 2008 , 41, 890-900	5.5	38
39	The applications of populus fiber in removal of Cr(VI) from aqueous solution. <i>Applied Surface Science</i> , 2016 , 383, 133-141	6.7	30
38	Inverted to Normal Phase Transition in Solution-Cast Polystyrene-Poly(methyl methacrylate) Block Copolymer Thin Films. <i>Macromolecules</i> , 2006 , 39, 3369-3376	5.5	23
37	A Novel Solid-Solid Phase Change Material Based on Poly(styrene-co-acrylonitrile) Grafting With Palmitic Acid Copolymers. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2015 , 52, 617-624	2.2	22
36	The effect of the preferential affinity of the solvent on the microstructure of solution-cast block copolymer thin films. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 1264-70	3.4	21
35	Solvent-induced novel morphologies in diblock copolymer blend thin films. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 1647-55	3.4	20
34	In-situ reduced silver nanoparticles on populus fiber and the catalytic application. <i>Applied Surface Science</i> , 2017 , 394, 351-357	6.7	18
33	In-situ preparation of a shape stable phase change material. <i>Renewable Energy</i> , 2017 , 108, 244-249	8.1	17
32	A sodium alginate/feather keratin composite fiber with skin-core structure as the carrier for sustained drug release. <i>International Journal of Biological Macromolecules</i> , 2020 , 155, 386-392	7.9	14
31	Mechanical and thermal properties of polypropylene/modified basalt fabric composites. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	14
30	FeO@Carbon Nanofibers Synthesized from Cellulose Acetate and Application in Lithium-Ion Battery. <i>Langmuir</i> , 2020 , 36, 11237-11244	4	14
29	Novel phase change materials based on fatty acid eutectics and triallyl isocyanurate composites for thermal energy storage. <i>Journal of Applied Polymer Science</i> , 2017 , 134, 44866	2.9	13
28	Starch-graft-polyacrylonitrile nanofibers by electrospinning. <i>International Journal of Biological Macromolecules</i> , 2018 , 120, 2552-2559	7.9	13
27	Preparation of PNHMPA/PEG interpenetrating polymer networks gel and its application for phase change fibers. <i>Journal of Applied Polymer Science</i> , 2013 , 129, 1563-1568	2.9	12
26	Green preparation of hollow mesoporous silica nanosphere inside-loaded gold nanoparticles and the catalytic activity. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2017 , 54, 376-381	2.2	10

25	Properties of cellulose/Antarctic krill protein composite fibers prepared in different coagulation baths. <i>International Journal of Biological Macromolecules</i> , 2018 , 114, 334-340	7.9	10
24	Solvent vapor induced morphology transition in thin film of cylinder forming diblock copolymer. <i>Applied Surface Science</i> , 2011 , 257, 8093-8101	6.7	10
23	Preparation and characterization of pentaerythritol/butane tetracarboxylic acid/polyethylene glycol crosslinking copolymers as solid-solid phase change materials. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2016 , 53, 500-506	2.2	7
22	Sodium alginate/feather keratin-g-allyloxy polyethylene glycol composite phase change fiber. <i>International Journal of Biological Macromolecules</i> , 2019 , 131, 192-200	7.9	7
21	Preparation and characterization of di-hexadecanol maleic/triallyl isocyanurate cross-linked copolymer as solid-solid phase change materials. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	6
20	Effect of Coagulation Bath Temperature on Mechanical, Morphological, and Thermal Properties of Cellulose/Antarctic Krill Protein Composite Fibers. <i>Langmuir</i> , 2020 , 36, 5647-5653	4	5
19	Preparation of ZnO nanorods on conductive PET-ITO-Ag fibers. <i>Applied Surface Science</i> , 2016 , 388, 331-338	3.8	5
18	Study on performance characteristics of fused deposition modeling 3D-printed composites by blending and lamination. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 32495	2.9	5
17	Formaldehyde Controlling the Synthesis of Multishelled SiO ₂ /Fe ₃ O ₄ Hollow Porous Spheres. <i>Langmuir</i> , 2018 , 34, 8223-8229	4	5
16	Study on polysaccharide polyelectrolyte complex and fabrication of alginate/chitosan derivative composite fibers. <i>International Journal of Biological Macromolecules</i> , 2021 , 184, 181-187	7.9	5
15	Study of fiber morphology characteristics of discontinuous carbon-fiber-reinforced indium tin oxide transparent conductive film by image analysis method. <i>Japanese Journal of Applied Physics</i> , 2018 , 57, 101801	1.4	4
14	Formaldehyde-Controlled Synthesis of Multishelled Hollow Mesoporous SiO ₂ Microspheres. <i>Langmuir</i> , 2019 , 35, 14517-14521	4	3
13	Green Preparation of Thermochromic Starch-Based Fibers through a Wet-Spinning Process. <i>ACS Applied Polymer Materials</i> , 2021 , 3, 436-444	4.3	3
12	An injectable serotonin-chondroitin sulfate hydrogel for bio-inspired hemostatic adhesives with high wound healing capability. <i>Materials Advances</i> , 2021 , 2, 5150-5159	3.3	3
11	Green planting silver nanoparticles on Populus fibers and the catalytic application. <i>Research on Chemical Intermediates</i> , 2018 , 44, 5669-5681	2.8	2
10	Rheological, thermal, and mechanical properties of P (3HB-co-4HB) and P (3HB-co-4HB)/EVA blends. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	2
9	Solvent-Vapor-Induced Rapid Assembly of Block-Copolymer Film via Prevacuumizing. <i>Macromolecular Chemistry and Physics</i> , 2014 , 215, 1092-1097	2.6	2
8	Performance evaluation on particle-reinforced rigid/flexible composites via fused deposition modeling 3D printing. <i>Journal of Applied Polymer Science</i> , 52149	2.9	2

7	The Effect of Sulfates on Properties of Cellulose/Dialdehyde Cellulose/Antarctic Krill Protein Composite Fibers. <i>Fibers and Polymers</i> ,1	2	2
6	Construction of K responsive surface on SEBS to reduce the hemolysis of preserved erythrocytes.. <i>RSC Advances</i> , 2019 , 9, 5251-5258	3.7	2
5	Tensile properties and corrosion resistance of PCL-based 3D printed composites. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50253	2.9	2
4	Sound Absorption Properties of Three-Layer Structural Composites Based on Discarded Polyester Fibers and Fabrics. <i>Journal of Fiber Science and Technology</i> , 2018 , 74, 67-72	0.8	1
3	Polyethylene glycol modified epoxy acrylate UV curable 3D printing materials. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50102	2.9	1
2	Study on the Relationship between Accelerated Aging, Color Characterization and Properties of Natural Fibers. <i>Journal of Natural Fibers</i> ,1-11	1.8	0
1	Fluorescent N-functionalized carbon nanodots from carboxymethylcellulose for sensing of high-valence metal ions and cell imaging.. <i>RSC Advances</i> , 2021 , 11, 34898-34907	3.7	