

Yumei Gong

List of Publications by Year in descending order

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471061

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docs citations

44
times ranked

1145
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Bacterial Cellulose Supported Gold Nanoparticles with Excellent Catalytic Properties. ACS Applied Materials & Interfaces, 2015, 7, 21717-21726. | 4.0 | 169 |
| 2 | Rhythmic Growth-Induced Concentric Ring-Banded Structures in Poly(ϵ -caprolactone) Solution-Casting Films Obtained at the Slow Solvent Evaporation Rate. Macromolecules, 2007, 40, 4381-4385. | 2.2 | 68 |
| 3 | Effect of the Nature of Annealing Solvent on the Morphology of Diblock Copolymer Blend Thin Films. Macromolecules, 2008, 41, 890-900. | 2.2 | 39 |
| 4 | The applications of populus fiber in removal of Cr(VI) from aqueous solution. Applied Surface Science, 2016, 383, 133-141. | 3.1 | 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. | 1.2 | 28 |
| 6 | Inverted to Normal Phase Transition in Solution-Cast Polystyrene- \sim Poly(methyl methacrylate) Block Copolymer Thin Films. Macromolecules, 2006, 39, 3369-3376. | 2.2 | 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. | 3.6 | 27 |
| 8 | Fe ₃ O ₄ @Carbon Nanofibers Synthesized from Cellulose Acetate and Application in Lithium-Ion Battery. Langmuir, 2020, 36, 11237-11244. | 1.6 | 26 |
| 9 | Mechanical and thermal properties of polypropylene/modified basalt fabric composites. Journal of Applied Polymer Science, 2015, 132, . | 1.3 | 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. | 1.2 | 23 |
| 11 | Starch-graft-polyacrylonitrile nanofibers by electrospinning. International Journal of Biological Macromolecules, 2018, 120, 2552-2559. | 3.6 | 23 |
| 12 | In-situ preparation of a shape stable phase change material. Renewable Energy, 2017, 108, 244-249. | 4.3 | 22 |
| 13 | In-situ reduced silver nanoparticles on populus fiber and the catalytic application. Applied Surface Science, 2017, 394, 351-357. | 3.1 | 21 |
| 14 | Solvent-Induced Novel Morphologies in Diblock Copolymer Blend Thin Films. Journal of Physical Chemistry B, 2006, 110, 1647-1655. | 1.2 | 20 |
| 15 | Study on polysaccharide polyelectrolyte complex and fabrication of alginate/chitosan derivative composite fibers. International Journal of Biological Macromolecules, 2021, 184, 181-187. | 3.6 | 20 |
| 16 | An injectable serotonin- χ chondroitin sulfate hydrogel for bio-inspired hemostatic adhesives with high wound healing capability. Materials Advances, 2021, 2, 5150-5159. | 2.6 | 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. | 1.3 | 17 |
| 18 | Sodium alginate/feather keratin-g-allyloxy polyethylene glycol composite phase change fiber. International Journal of Biological Macromolecules, 2019, 131, 192-200. | 3.6 | 17 |

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|----|---|-----|-----------|
| 19 | Preparation of PNHPA/PEG interpenetrating polymer networks gel and its application for phase change fibers. Journal of Applied Polymer Science, 2013, 129, 1563-1568. | 1.3 | 16 |
| 20 | Polyethylene glycol modified epoxy acrylate UV curable 3D printing materials. Journal of Applied Polymer Science, 2021, 138, 50102. | 1.3 | 14 |
| 21 | Properties of cellulose/Antarctic krill protein composite fibers prepared in different coagulation baths. International Journal of Biological Macromolecules, 2018, 114, 334-340. | 3.6 | 13 |
| 22 | Study on performance characteristics of fused deposition modeling <sc>3D</sc>â€printed composites by blending and lamination. Journal of Applied Polymer Science, 2021, 138, 32495. | 1.3 | 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. | 1.2 | 11 |
| 24 | Solvent vapor induced morphology transition in thin film of cylinder forming diblock copolymer. Applied Surface Science, 2011, 257, 8093-8101. | 3.1 | 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. | 1.2 | 10 |
| 26 | Green Preparation of Thermochromic Starch-Based Fibers through a Wet-Spinning Process. ACS Applied Polymer Materials, 2021, 3, 436-444. | 2.0 | 10 |
| 27 | Formaldehyde-Controlled Synthesis of Multishelled Hollow Mesoporous SiO₂ Microspheres. Langmuir, 2019, 35, 14517-14521. | 1.6 | 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. | 1.6 | 9 |
| 29 | Preparation and characterization of diâ€hexadecanol maleic/triallyl isocyanurate crossâ€linked copolymer as solidâ€solid phase change materials. Journal of Applied Polymer Science, 2016, 133, . | 1.3 | 8 |
| 30 | Formaldehyde Controlling the Synthesis of Multishelled SiO₂/Fe<i>x</i>_y</i>O<i>z</i>_w Hollow Porous Spheres. Langmuir, 2018, 34, 8223-8229. | 1.6 | 7 |
| 31 | Performance evaluation on particleâ€reinforced rigid/flexible composites via fused deposition modeling<sc>3D</sc>printing. Journal of Applied Polymer Science, 2022, 139, . | 1.3 | 7 |
| 32 | Preparation of ZnO nanorods on conductive PET-ITO-Ag fibers. Applied Surface Science, 2016, 388, 331-338. | 3.1 | 5 |
| 33 | Study on the Relationship between Accelerated Aging, Color Characterization and Properties of Natural Fibers. Journal of Natural Fibers, 2022, 19, 10668-10678. | 1.7 | 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. | 0.8 | 4 |
| 35 | Tensile properties and corrosion resistance of PCL â€based 3D printed composites. Journal of Applied Polymer Science, 2021, 138, 50253. | 1.3 | 4 |
| 36 | The Effect of Sulfates on Properties of Cellulose/Dialdehyde Cellulose/Antarctic Krill Protein Composite Fibers. Fibers and Polymers, 0, , 1. | 1.1 | 4 |

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|----|--|-----|-----------|
| 37 | In-situ compatibilized starch/polyacrylonitrile composite fiber fabricated via dry-wet spinning technique. International Journal of Biological Macromolecules, 2022, 212, 412-419. | 3.6 | 4 |
| 38 | Green planting silver nanoparticles on Populus fibers and the catalytic application. Research on Chemical Intermediates, 2018, 44, 5669-5681. | 1.3 | 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. | 1.3 | 2 |
| 40 | Solventâ€Vaporâ€Induced Rapid Assembly of Blockâ€Copolymer Film via Prevacuumizing. Macromolecular Chemistry and Physics, 2014, 215, 1092-1097. | 1.1 | 2 |
| 41 | Construction of K ⁺ responsive surface on SEBS to reduce the hemolysis of preserved erythrocytes. RSC Advances, 2019, 9, 5251-5258. | 1.7 | 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. | 0.2 | 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. | 1.7 | 1 |