

Bengang Li

List of Publications by Year in descending order

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13
papers

235
citations

1163117

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all docs

13
docs citations

13
times ranked

350
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Tough, highly resilient and conductive nanocomposite hydrogels reinforced with surface-grafted cellulose nanocrystals and reduced graphene oxide for flexible strain sensors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 648, 129341. | 4.7 | 7 |
| 2 | Preparation of Poly(Acrylic Acid) Grafted Reduced Graphene Oxide/Polyacrylamide Composite Hydrogels with Good Electronic and Mechanical Properties by in-situ Polymerization. <i>Journal of Macromolecular Science - Physics</i> , 2021, 60, 589-602. | 1.0 | 6 |
| 3 | Preparation and characterization of tough and highly resilient nanocomposite hydrogels reinforced by surface-grafted cellulose nanocrystals. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51166. | 2.6 | 5 |
| 4 | Supramolecular polyurea hydrogels with anti-swelling capacity, reversible thermochromic properties, and tunable water content and mechanical performance. <i>Polymer</i> , 2021, 233, 124213. | 3.8 | 9 |
| 5 | Fabrication of tough, self-recoverable, and electrically conductive hydrogels by in situ reduction of poly(acrylic acid) grafted graphene oxide in polyacrylamide hydrogel matrix. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48781. | 2.6 | 16 |
| 6 | Dual physically crosslinked nanocomposite hydrogels reinforced by poly(N-vinylpyrrolidone) grafted cellulose nanocrystal with high strength, toughness, and rapid self-recovery. <i>Cellulose</i> , 2020, 27, 9913-9925. | 4.9 | 17 |
| 7 | Microstructure and Thermal and Tensile Properties of Poly(vinyl alcohol) Nanocomposite Films Reinforced by Polyacrylamide Grafted Cellulose Nanocrystals. <i>Journal of Macromolecular Science - Physics</i> , 2020, 59, 223-234. | 1.0 | 9 |
| 8 | Tough and self-healable nanocomposite hydrogels from poly(acrylic acid) and polyacrylamide grafted cellulose nanocrystal crosslinked by coordination bonds and hydrogen bonds. <i>Cellulose</i> , 2019, 26, 6701-6711. | 4.9 | 24 |
| 9 | Polyvinyl Alcohol Microspheres Reinforced Thermoplastic Starch Composites. <i>Materials</i> , 2018, 11, 640. | 2.9 | 14 |
| 10 | Fabrication of mechanically tough and self-recoverable nanocomposite hydrogels from polyacrylamide grafted cellulose nanocrystal and poly(acrylic acid). <i>Carbohydrate Polymers</i> , 2018, 198, 1-8. | 10.2 | 63 |
| 11 | Preparation and Characterization of Chemically Crosslinked Polyvinyl Alcohol/Carboxylated Nanocrystalline Cellulose Nanocomposite Hydrogel Films with High Mechanical Strength. <i>Journal of Macromolecular Science - Physics</i> , 2016, 55, 518-531. | 1.0 | 5 |
| 12 | Preparation, drug release and cellular uptake of doxorubicin-loaded dextran-b-poly(ϵ -caprolactone) nanoparticles. <i>Carbohydrate Polymers</i> , 2013, 93, 430-437. | 10.2 | 43 |
| 13 | Fabrication and characterization of nanocrystalline cellulose films prepared under vacuum conditions. <i>Cellulose</i> , 2013, 20, 2667-2674. | 4.9 | 17 |