

Kun Cui

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | New polymethylene-based AB ₂ star copolymers synthesized via a combination of polyhomologation of ylides and atom transfer radical polymerization. RSC Advances, 2015, 5, 7090-7097. | 3.6 | 20 |
| 2 | Multi-stimuli responsive supramolecular polymers and their electrospun nanofibers. Polymer Chemistry, 2016, 7, 2947-2954. | 3.9 | 20 |
| 3 | Synthesis of novel guanidine-based ABA triblock copolymers and their antimicrobial honeycomb films. Polymer Chemistry, 2018, 9, 3922-3930. | 3.9 | 20 |
| 4 | Synthesis of new ionic crosslinked polymer hydrogel combining polystyrene and poly(4-vinyl pyridine) and its self-healing through a reshuffling reaction of the trithiocarbonate moiety under irradiation of ultraviolet light. Polymer International, 2018, 67, 868-873. | 3.1 | 19 |
| 5 | A new titanium (IV) complex bearing phenoxyimine-fluorene ligand and its use as catalyst for ethylene homo- and copolymerization. Journal of Polymer Science Part A, 2010, 48, 1617-1621. | 2.3 | 16 |
| 6 | New synthetic strategy targeting well-defined \pm -telechelic polymethylenes with hetero bi-/tri-functionalities via polyhomologation of ylides initiated by new organic boranes based on catecholborane and post functionalization. RSC Advances, 2016, 6, 69828-69835. | 3.6 | 12 |
| 7 | Synthesis of polymethylene-b-poly(vinyl acetate) block copolymer via visible light induced radical polymerization and its application. RSC Advances, 2017, 7, 42484-42490. | 3.6 | 12 |
| 8 | Pillararene-based supramolecular membranes with the rose-petal effect and nanostructure-modulated tunable water adhesion. Journal of Materials Chemistry A, 2020, 8, 10917-10924. | 10.3 | 12 |
| 9 | Synthesis of diverse \pm -telechelic polystyrenes with di- and tri-functionality via tandem or one-pot strategies combining aminolysis of RAFT-polystyrene and a thiol-ene click-reaction. RSC Advances, 2015, 5, 44571-44577. | 3.6 | 10 |
| 10 | Polystyrene- <i>b</i> -poly(2,2,2-trifluoroethyl acrylate)- <i>b</i> -polystyrene copolymers: Synthesis and fabrication of their hydrophobic porous films, spheres, and fibers. Journal of Polymer Science Part A, 2016, 54, 678-685. | 2.3 | 8 |
| 11 | Synthesis of well-defined \pm -fluorinated alkyl ester, \mp -carboxyltelechelic polystyrenes and fabrication of their hydrophobic highly ordered porous films and microspheres. RSC Advances, 2015, 5, 91140-91146. | 3.6 | 6 |
| 12 | Electrospun Ribbon-Like Microfiber Films of a Novel Guanidine-Based ABA Triblock Copolymer: Fabrication, Antibacterial Activity, and Cytotoxicity. Macromolecular Chemistry and Physics, 2019, 220, 1900138. | 2.2 | 6 |
| 13 | Hybrid TiO ₂ /WO ₃ nanoparticles fabricated via a sol-gel process using amphiphilic poly(μ -caprolactone)-block-poly(acrylic acid) diblock copolymer as template and their high visible light photocatalytic activity. SN Applied Sciences, 2019, 1, 1. | 2.9 | 5 |