# Chuncheng Li

List of Publications by Year
in descending order



| 52 | 1,401 | 257357 | 345118 |
|---|---|---|---|
| papers | citations | 24 h-index | 36 g-index |

| 52 | 52 | 52 | 1498 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Highâ€molecularâ€weight aliphatic polycarbonates by melt polycondensation of dimethyl carbonate and aliphatic diols: synthesis and characterization. Polymer International, 2011, 60, 1060-1067. | 1.6 | 115 |
| 2 | A nonâ€phosgene process to homopolycarbonate and copolycarbonates of isosorbide using dimethyl carbonate: Synthesis, characterization, and properties. Journal of Polymer Science Part A, 2013, 51, 1387-1397. | 2.5 | 105 |
| 3 | Reversible Lamellar Thickening Induced by Crystal Transition in Poly(butylene succinate). Macromolecules, 2012, 45, 5487-5493. | 2.2 | 83 |
| 4 | Surface decoration of graphene by grafting polymerization using graphene oxide as the initiator. Journal of Materials Chemistry, 2012, 22, 3982. | 6.7 | 67 |
| 5 | A high-molecular-weight and high-T<sub>g</sub> poly(ester carbonate) partially based on isosorbide: synthesis and structureâ€“property relationships. Polymer Chemistry, 2015, 6, 633-642. | 1.9 | 59 |
| 6 | Synthesis and characterization of poly(ethylene terephthalate)/attapulgite nanocomposites. Journal of Applied Polymer Science, 2007, 103, 1279-1286. | 1.3 | 54 |
| 7 | Modification of chitosan with monomethyl fumaric acid in an ionic liquid solution. Carbohydrate Polymers, 2015, 117, 973-979. | 5.1 | 49 |
| 8 | Fire-resistant, ultralight, superelastic and thermally insulated polybenzazole aerogels. Journal of Materials Chemistry A, 2018, 6, 20769-20777. | 5.2 | 49 |
| 9 | In situ synthesis of poly(ethylene terephthalate)/graphene composites using a catalyst supported on graphite oxide. Journal of Materials Chemistry, 2011, 21, 3931. | 6.7 | 43 |
| 10 | Synthesis of highâ€impact biodegradable multiblock copolymers comprising of poly(butylene succinate) and poly(1,2â€propylene succinate) with hexamethylene diisocyanate as chain extender. Polymers for Advanced Technologies, 2011, 22, 279-285. | 1.6 | 41 |
| 11 | New insight into the crystallization behavior of poly(ethylene terephthalate)/clay nanocomposites. Journal of Polymer Science, Part B: Polymer Physics, 2008, 46, 2380-2394. | 2.4 | 38 |
| 12 | Melting behaviors, crystallization kinetics, and spherulitic morphologies of poly(butylene succinate) and its copolyester modified with rosin maleopimaric acid anhydride. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 900-913. | 2.4 | 37 |
| 13 | Synthesis, characterization and properties of novel biodegradable multiblock copolymers comprising poly(butylene succinate) and poly(1,2â€propylene terephthalate) with hexamethylene diisocyanate as a chain extender. Polymer International, 2011, 60, 666-675. | 1.6 | 36 |
| 14 | Double Crystalline Multiblock Copolymers with Controlling Microstructure for High Shape Memory Fixity and Recovery. ACS Applied Materials & Interfaces, 2017, 9, 30046-30055. | 4.0 | 35 |
| 15 | Synthesis, characterization and properties of biodegradable poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td (suc<br>893-899. | 1.6 | 34 |
| 16 | Novel Poly(butylene fumarate) and Poly(butylene succinate) Multiblock Copolymers Bearing Reactive Carbonâ€“Carbon Double Bonds: Synthesis, Characterization, Cocrystallization, and Properties. Industrial & Engineering Chemistry Research, 2013, 52, 6147-6155. | 1.8 | 34 |
| 17 | Effect of the biobased linear long-chain monomer on crystallization and biodegradation behaviors of poly(butylene carbonate)-based copolycarbonates. RSC Advances, 2015, 5, 2213-2222. | 1.7 | 32 |
| 18 | Synthesis, characterization and properties of poly(butylene succinate) modified with rosin maleopimaric acid anhydride. Polymer International, 2006, 55, 545-551. | 1.6 | 30 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Synthesis, Characterization and Degradation of Novel Biodegradable Poly(butylene-co-hexamethylene) Tj ETQq1 1 0.784314 rgBT /Overl 48, 583-594. | 1.2 | 29 |
| 20 | A facile and versatile strategy to efficiently synthesize sulfonated poly(butylene succinate), self-assembly behavior and biocompatibility. Polymer Chemistry, 2015, 6, 1495-1501. | 1.9 | 27 |
| 21 | Reversible Lamellar Periodic Structures Induced by Sequential Crystallization/Melting in PBS-co-PCL Multiblock Copolymer. Macromolecules, 2018, 51, 1100-1109. | 2.2 | 27 |
| 22 | Ultravioletâ€induced crosslinking of poly(butylene succinate) and its thermal property, dynamic mechanical property, and biodegradability. Polymers for Advanced Technologies, 2011, 22, 648-656. | 1.6 | 26 |
| 23 | A designed synthetic strategy toward poly(isosorbide terephthalate) copolymers: a combination of temporary modification, transesterification, cyclization and polycondensation. Polymer Chemistry, 2015, 6, 7470-7479. | 1.9 | 26 |
| 24 | Nondestructive Strategy to Effectively Enhance the Interfacial Adhesion of PBO/Epoxy Composites. ACS Applied Materials & Interfaces, 2020, 12, 45383-45393. | 4.0 | 26 |
| 25 | In situSynthesis of Poly(methyl methacrylate)/Graphene Oxide Nanocomposites Using Thermal-initiated and Graphene Oxide-initiated Polymerization. Journal of Macromolecular Science - Pure and Applied Chemistry, 2013, 50, 720-727. | 1.2 | 20 |
| 26 | The effects of metallic derivatives released from montmorillonite on the thermal stability of poly(ethylene terephthalate)/montmorillonite nanocomposites. Journal of Applied Polymer Science, 2006, 101, 1692-1699. | 1.3 | 19 |
| 27 | Aliphaticâ€“aromatic poly(butylene carbonateâ€coâ€terephthalate) random copolymers: Synthesis, cocrystallization, and compositionâ€dependent properties. Journal of Applied Polymer Science, 2015, 132, . | 1.3 | 19 |
| 28 | Preparation and antimicrobial activity of sulfopropyl chitosan in an ionic liquid aqueous solution. Journal of Applied Polymer Science, 2017, 134, . | 1.3 | 18 |
| 29 | Inâ€situ synthesis of poly(ethylene terephthalate)/clay nanocomposites using TiO<sub>2</sub>/SiO<sub>2</sub> solâ€intercalated montmorillonite as polycondensation catalyst. Polymer Engineering and Science, 2009, 49, 1562-1572. | 1.5 | 17 |
| 30 | Synthesis and characterization of water-soluble chitosan grafted with hydrophilic aliphatic polyester. International Journal of Biological Macromolecules, 2015, 74, 433-438. | 3.6 | 17 |
| 31 | Novel catalysts based on titanium dioxide/silicon dioxide for poly(ethylene terephthalate). Journal of Applied Polymer Science, 2010, 115, 2470-2478. | 1.3 | 16 |
| 32 | Grafted copolymer micelles with pH triggered charge reversibility for efficient doxorubicin delivery. Journal of Polymer Science Part A, 2017, 55, 2036-2046. | 2.5 | 16 |
| 33 | Mannose modified zwitterionic polyester-conjugated second near-infrared organic fluorophore for targeted photothermal therapy. Biomaterials Science, 2021, 9, 4648-4661. | 2.6 | 14 |
| 34 | Non-isothermal crystallization kinetics and melting behaviors of poly(butylene succinate) and its copolyester modified with trimellitic imide units. Journal of Applied Polymer Science, 2006, 102, 2493-2499. | 1.3 | 13 |
| 35 | Influence of montmorillonite treatment and montmorillonite dispersion state on the crystallization behavior of poly(ethylene terephthalate)/montmorillonite nanocomposites. Journal of Applied Polymer Science, 2009, 114, 2327-2338. | 1.3 | 13 |
| 36 | Crystallization behavior and morphology of poly(butylene succinate) modified with rosin maleopimaric acid anhydride. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 2694-2704. | 2.4 | 12 |

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|---|---|---|---|
| 37 | Thermal stability of surfactants with amino and imido groups in poly(ethylene terephthalate)/clay composites. Journal of Applied Polymer Science, 2008, 109, 4112-4120. | 1.3 | 12 |
| 38 | Synthesis, Characterization and Properties of Poly(butylene succinate) Reinforced by Trimellitic Imide Units. Macromolecular Chemistry and Physics, 2006, 207, 694-700. | 1.1 | 11 |
| 39 | Surface grafting modification of fibrous silicates with polyvinylpyrrolidone and its application in nanocomposites. Journal of Applied Polymer Science, 2009, 111, 566-575. | 1.3 | 11 |
| 40 | Investigation on isothermal crystallization, melting behaviors, and spherulitic morphologies of multiblock copolymers containing poly(butylene succinate) and poly(1,2â€propylene succinate). Journal of Applied Polymer Science, 2011, 119, 2124-2134. | 1.3 | 10 |
| 41 | Efficient synthesis of ionic triblock copolyesters and facile access to chargeâ€reversal hybrid micelles. Journal of Polymer Science Part A, 2016, 54, 1259-1267. | 2.5 | 9 |
| 42 | Design of zwitterionic polyester based nano-carriers for platinum(iv) prodrug delivery. Polymer Chemistry, 2019, 10, 5353-5363. | 1.9 | 9 |
| 43 | Effects of rosin-type nucleating agent and low density polyethylene on the crystallization process of polypropylene. Journal of Applied Polymer Science, 2003, 88, 2804-2809. | 1.3 | 8 |
| 44 | Preparation and properties of PET/PA6 copolymer/montmorillonite hybrid nanocomposite. Journal of Applied Polymer Science, 2006, 101, 2512-2517. | 1.3 | 8 |
| 45 | Homogeneous reinforcement as a strategy for the efficient preparation of high-strength, insulating and high heat-resistant PBO composite paper. Journal of Materials Science, 2022, 57, 8701-8713. | 1.7 | 8 |
| 46 | The yellowing mechanism of polyesteramide based on poly(ethylene terephthalate) and polyamide 6. Journal of Applied Polymer Science, 2021, 138, 49986. | 1.3 | 4 |
| 47 | A facile and economical method to synthesize a novel wide gamut fluorescent copolyester with outstanding properties. Polymer Chemistry, 2021, 13, 91-99. | 1.9 | 4 |
| 48 | A Non-Isocyanate Route to Poly(Ether Urethane): Synthesis and Effect of Chemical Structures of Hard Segment. Polymers, 2022, 14, 2039. | 2.0 | 3 |
| 49 | Crystallization kinetics, melting behavior, and morphologies of poly(butylene succinate) and poly(butylene succinate)â€blockâ€poly(propylene glycol) segmented copolyester. Journal of Applied Polymer Science, 2010, 118, 2225-2235. | 1.3 | 2 |
| 50 | Synthesis and Characterization of Poly(p-phenylene benzobisoxazole)/Poly(pyridobisimidazole) Block Copolymers. Journal of Macromolecular Science - Pure and Applied Chemistry, 2012, 49, 508-517. | 1.2 | 2 |
| 51 | Synthesis and properties of biodegradable multiblock poly(esterâ€carbonate) comprising of poly(<scp>L</scp>â€lactic acid) and poly(butylene carbonate) with hexamethylene diisocyanate as chainâ€extender. Journal of Applied Polymer Science, 2014, 131, . | 1.3 | 2 |
| 52 | Preparation of graphene/poly(p-phenylenebenzobisoxazole) composite fibers based on simultaneous zwitterion coating and chemical reduction of graphene oxide at room temperature. RSC Advances, 2015, 5, 88646-88654. | 1.7 | 2 |