

# Wei Jiang

## List of Publications by Year in descending order

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papers

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citations

759233

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836  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Facile Fabrication of Magnetic Chitosan Beads of Fast Kinetics and High Capacity for Copper Removal. ACS Applied Materials & Interfaces, 2014, 6, 3421-3426.  | 8.0  | 138       |
| 2  | Spherical polystyrene-supported chitosan thin film of fast kinetics and high capacity for copper removal. Journal of Hazardous Materials, 2014, 276, 295-301.   | 12.4 | 77        |
| 3  | Spherical polystyrene-supported nano-Fe <sub>3</sub> O <sub>4</sub> of high capacity and low-field separation for arsenate removal from water. Journal of Hazardous Materials, 2012, 243, 319-325.                              | 12.4 | 70        |
| 4  | Poly(lactic Acid) Nonwoven Fabric Surface Modified with Stereocomplex Crystals for Recyclable Use in Oil/Water Separation. ACS Applied Polymer Materials, 2020, 2, 2509-2516.   | 4.4  | 30        |
| 5  | Oriented Assembly of Anisotropic Nanosheets into Ultrathin Flowerlike Superstructures for Energy Storage. ACS Nano, 2021, 15, 2707-2718.  | 14.6 | 28        |
| 6  | Green synthesis of enantiomerically pure L-lactide and D-lactide using biogenic creatinine catalyst. Polymer Degradation and Stability, 2014, 101, 18-23.   | 5.8  | 24        |
| 7  | Rational design of a zwitterionic phosphonic copolymer for the surface antifouling modification of multiple biomedical metals. Journal of Materials Chemistry B, 2019, 7, 4055-4065.  | 5.8  | 24        |
| 8  | Humid Bonding with a Water-Soluble Adhesive Inspired by Mussels and Sandcastle Worms. Macromolecular Chemistry and Physics, 2015, 216, 450-459.   | 2.2  | 21        |
| 9  | Efficient Synthesis of Lactide with Low Racemization Catalyzed by Sodium Bicarbonate and Zinc Lactate. ACS Sustainable Chemistry and Engineering, 2020, 8, 2865-2873.   | 6.7  | 21        |
| 10 | A transient polymorph transition of 4-cyano-4'-octyloxybiphenyl (8OCB) revealed by ultrafast differential scanning calorimetry (UFDSC). Soft Matter, 2013, 9, 1488-1491.  | 2.7  | 19        |
| 11 | Mechanism of the Significant Acceleration of Polyethylene Terephthalate Glycolysis by Defective Ultrathin ZnO Nanosheets with Heteroatom Doping. ACS Sustainable Chemistry and Engineering, 2022, 10, 5476-5488.                | 6.7  | 15        |
| 12 | Isotactic polycondensation of L-lactic acid with biogenic creatinine. Polymer, 2012, 53, 5476-5479.   | 3.8  | 13        |
| 13 | Efficient glycolysis of PET catalyzed by a metal-free phosphazene base: the important role of EG <sup>+</sup> . Green Chemistry, 2022, 24, 1294-1301.   | 9.0  | 13        |
| 14 | Enthalpy Relaxation near the Glass Transition of Polystyrenes with Controlled Interchain Proximity. Macromolecules, 2008, 41, 5356-5360.  | 4.8  | 11        |
| 15 | Controlled Synthesis of L-Lactide Using Sn-Beta Zeolite Catalysts in a One-Step Route. Industrial & Engineering Chemistry Research, 2021, 60, 13534-13541.  | 3.7  | 11        |
| 16 | A Novel Branched Polyoxymethylene Synthesized by Cationic Copolymerization of 1,3,5-Trioxane with 3-(Alkoxymethyl)ethyloxetane. Macromolecular Chemistry and Physics, 2013, 214, 2752-2760.                                     | 2.2  | 8         |
| 17 | Polythiophene with oligopeptide side chain: preparation and nano-structure. Supramolecular Chemistry, 2013, 25, 842-847.  | 1.2  | 6         |
| 18 | Synthesis, characterization and thermal properties of polystyrene-poly(lactic acid)-polystyrene triblock copolymer via atom transfer radical polymerization. Journal of Thermoplastic Composite Materials, 2014, 27, 1074-1084. | 4.2  | 5         |

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|----|---|-----|-----------|
| 19 | Synthesis and thermal properties of poly(methyl methacrylate)-poly(L-lactic acid) copolymer. <i>Journal of Applied Polymer Science</i> , 2019, 143, 4705-4711.  | 2.6 | 4         |
| 20 | Nanostructure Control of a Regioregular Poly(3-alkylthiophene) Using an Oligopeptide Side Chain. <i>Macromolecules</i> , 2020, 53, 6087-6098.   | 4.8 | 2         |
| 21 | Direct synthesis of lactide from concentrated lactic acid catalyzed by hierarchical Sn-beta zeolite. <i>Scientia Sinica Chimica</i> , 2022, 52, 1127-1139.  | 0.4 | 2         |
| 22 | One-Step Synthesis of Biodegradable Polyurethane Prepolymer and Its Rapid Gelation Behavior at High Water Content. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1600369.                      | 2.2 | 1         |
| 23 | PLA-based core-shell structure stereocomplexed nanoparticles with enhanced loading and release profile of paclitaxel. <i>Frontiers in Bioscience</i> , 2021, 26, 517.                                     | 2.1 | 1         |
| 24 | Structural Relaxation of Polystyrene Glasses with Disordered Interpenetrated Chains Studied by Differential Scanning Calorimetry. <i>Journal of Macromolecular Science - Physics</i> , 2008, 47, 794-799. | 1.0 | 0         |