



所属学院 材料科学与工程学院

学科领域 高分子材料及其功能化

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个人简历

1986. 09-1990. 07	学士学位	浙江工学院
1990. 09-1993. 03	硕士学位	浙江大学
1993. 04-1997. 09	助教、讲师	浙江大学高分子系
1997. 10-2000. 10	博士	东京工业大学有机材料专业
2000. 10-2002. 03	研究员	日本科学技术振兴事业团
2002. 04-2005. 09	客座讲师	早稻田大学

研究方向

1. 纳米粒子辅助聚合物成型加工与形态控制；
2. 非共价键诱导超分子凝聚态结构与大分子内耗；
3. 生物质转化合成聚碳酸酯及其光学特性。

研究成果及主要发表文章

1. New Evidence for Thermodynamic Links to the Kinetic Fragility of Glass-forming Polymers, Macromolecules, 2021, 54(12), 5595-5606.
2. Mechanically Strong Polyimide Aerogels Cross-linked with Dopamine-functionalized Carbon Nanotubes for Oil Absorption, Applied Surface Science, 2021, 543, 148833.
3. Silicone Rubber Reinforced by Self-welded Short Glass Fibers: Effect of Resin Viscosity on Preferential Segregation, Composite Science and Technology, 2021, 209, 108789.
4. β fast Relaxation Governs Damping Stability of Acrylic Polymer/Hindered Phenol Hybrids, Macromolecules, 2020, 53, 4692.
5. Balancing the Transesterification Reactivity of Isosorbide with Diphenyl Carbonate: Preferential Activation of exo-OH, Polymer Chemistry, 2020, 11, 5512.
6. Radiation Resistance of Poly(methyl methacrylate)/Reduced Graphene Oxide Nanocomposites Fabricated by Latex Mixing and in Situ Reduction, Chemical Engineering Journal. 2017, 315, 516-526.
7. Thermoplastics Reinforced with Self-welded Short Carbon Fiber □ Nanoparticle-promoted Structure Evolution, ACS Applied Materials & Interfaces, 2016, 8, 19075.
8. Forming CNT-Guided Stereocomplex Networks in Polylactide-Based Nanocomposites, Composite Science and Technology. 2016, 128, 8.
9. Tuning the Dynamic Fragility of Acrylic Polymers by Small Molecules: the Interplay of Hydrogen Bonding Strength, Macromolecules, 2015, 48, 4196.
10. Carbon black self-networking induced co-continuity of immiscible polymer blends, Polymer, 2010, 51, 2077.