“Organocatalyzed Atom Transfer Radical Polymerization”

Abstract. Synthetic polymers have become indispensable to modern society. The development of living and controlled polymerization methodologies have enabled the synthesis of precise polymeric architectures with tailored polymer properties. This presentation will discuss catalyst design principles of organic photoredox catalysts for organocatalyzed atom transfer radical polymerization driven by visible light. This polymerization methodology has been used to synthesize well-defined polymers with controlled composition and architectures.

Thursday, September 28 2017
5:00 PM
CS24 Young Hall

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