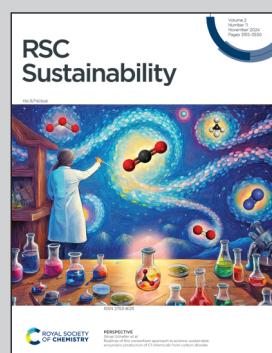


Showcasing research from Dr. Jeffrey Foster's laboratory, Chemical Sciences Division, Oak Ridge National Laboratory, Oak Ridge, TN, USA. Image designed and illustrated by Adam Malin.

High performance long chain polyesters *via* melt copolymerization of cutin-inspired monomers

We show that tough, semi-crystalline polymeric materials can be produced that outperform related biopolymers in terms of their thermomechanical behavior by copolymerizing mono- and poly-hydroxyl functionalized long chain fatty acids.

As featured in:



See Vera Bocharova,
Jeffrey C. Foster *et al.*,
RSC. Sustainability., 2024, 2, 3289.