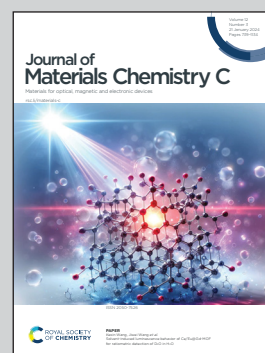


Showcasing research from Professor Santanu Kundu's laboratory, Dave C. Swalm School of Chemical Engineering, Mississippi State University, MS State, United States.

Highly stretchable coaxial P3HT electrospun fibers with enhanced reversibility

Highly stretchable coaxial fibers consisting of semiconducting poly(3-hexylthiophene), and butyl rubber were obtained using a coaxial electrospinning technique. For these highly stretchable fibers, the electrical conductivity of the doped fibers did not change significantly up to 400% strain and showed excellent mechanical reversibility and electrical durability under cyclic loading.

As featured in:



See Santanu Kundu *et al.*,
J. Mater. Chem. C, 2024, **12**, 884.