



Showcasing research from Professor Zhimin Xue's laboratory, School of Materials Science and Technology, Beijing Forestry University, Beijing, China.

Robust ionic liquid/ethanolamine-superbase solvents enable rapid, efficient and mild dissolution of lignocellulosic biomass

It is a great challenge to efficiently and rapidly dissolution of lignocellulose at mild conditions owing to the significant lack of efficient solvents for lignocellulose dissolution. Professor Zhimin Xue and coworkers developed robust solvent for rapid and complete dissolution of raw lignocellulosic biomass. This work paved a highway to valorization of lignocellulose.

As featured in:



See Zhimin Xue, Tiancheng Mu *et al.*, *Green Chem.*, 2023, 25, 4685.