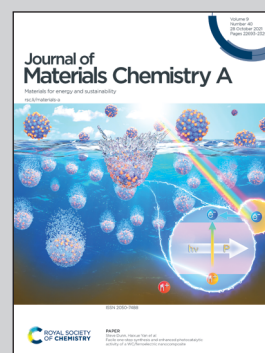


Showcasing research from Professor Weixin Zhang's laboratory, School of Chemistry and Chemical Engineering, and School of Materials Science & Engineering, Hefei University of Technology, Hefei, China.

Novel conducting solid polymer electrolytes with a zwitterionic structure boosting ionic conductivity and retarding lithium dendrite formation

Hydrogen bonding along with the zwitterion structure of conducting solid polymer electrolytes leads to faster lithium-ion conduction and boosts up the long-term cycling performance *via* hindering the lithium dendritic growth and anion mobility.

As featured in:



See Weixin Zhang *et al.*,
J. Mater. Chem. A, 2021, **9**, 22878.