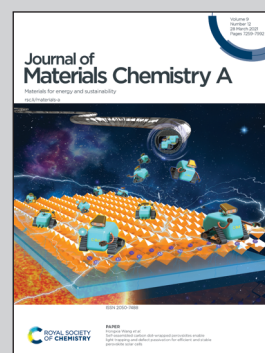


Highlighting a study on “Prospects and Limitations of Single-Crystal Cathode Materials to Overcome Cross-Talk Phenomena in High-Voltage Lithium Ion Cells” by a group of researchers led by Sven Klein and Dr Tobias Placke from Münster Electrochemical Energy Technology and Prof. Martin Winter and Dr Johannes Kasnatscheew from Jülich Research Centre.

Prospects and limitations of single-crystal cathode materials to overcome cross-talk phenomena in high-voltage lithium ion cells

Single crystals as a novel particle shape for cathode materials are critically compared with conventional poly crystals. Though, with slight lower initial power, the single crystals remain stable and enhance the cycle life of batteries at high voltage.

As featured in:



See Martin Winter, Tobias Placke, Johannes Kasnatscheew *et al.*, *J. Mater. Chem. A*, 2021, **9**, 7546.