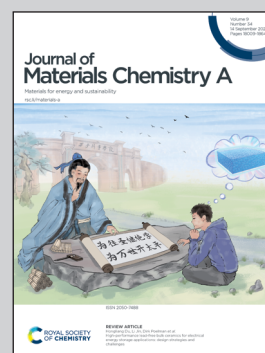


Highlighting a sub-group element doping P2-layered cathode from Prof. Bao Li and Dr. Dai-Huo Liu's laboratory, School of Chemistry and Chemical Engineering, Henan Normal University, Xinxiang City, China.

P2-layered $\text{Na}_{0.5}\text{Li}_{0.07}\text{Mn}_{0.61}\text{Co}_{0.16}\text{Ni}_{0.16}\text{O}_2$ cathode boosted Na-storage properties *via* rational sub-group element doping

The Na-storage capability and cycling stability of a P2-layered cathode can be effectively boosted *via* sub-group element doping. The enhanced properties benefited from the improved lattice parameters, energy barrier, and Na^+ transport kinetics, especially the Au-doped one.

As featured in:



See Dai-Huo Liu, Bao Wang, Bao Li *et al.*, *J. Mater. Chem. A*, 2021, 9, 18272.