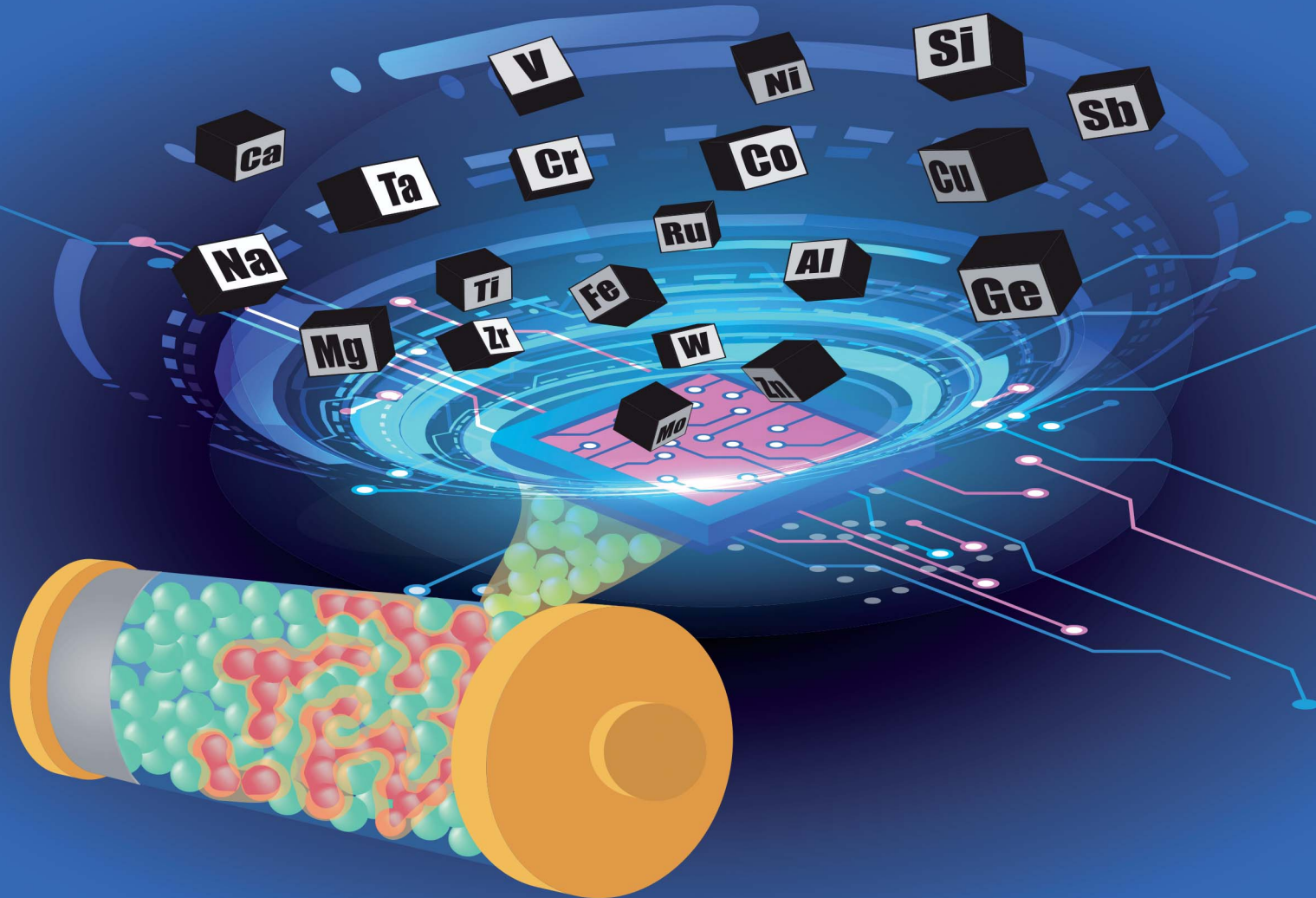


Journal of Materials Chemistry A

Materials for energy and sustainability

rsc.li/materials-a



ISSN 2050-7488

PAPER

Shih-kang Lin *et al.*

In situ interphase engineering for all-solid-state Li batteries:
a case study on the $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4/\text{Li}_{0.33}\text{La}_{0.55}\text{TiO}_3$ composite
cathode guided by *ab initio* calculations