



A review from the laboratories of Professor Judith MacManus-Driscoll at the University of Cambridge, UK, Professor Rui Wu at the South China University of Technology, Guangzhou, China, and Professor Weiwei Li at the Nanjing University of Aeronautics and Astronautics, China.

Interface-related phenomena in epitaxial complex oxide ferroics across different thin film platforms: opportunities and challenges

Interfaces in complex oxides give rise to novel physical phenomena arising from interconnected spin, lattice, charge and orbital degrees of freedom. Ferroics are among the most fascinating phenomena to be manipulated using interface effects. This review focuses on recent progress, current challenges and perspectives in interface-related phenomena of complex oxide ferroic thin films for electronics and energy applications.

### As featured in:



See Judith L. MacManus-Driscoll, Rui Wu and Weiwei Li, *Mater. Horiz.*, 2023, **10**, 1060.