

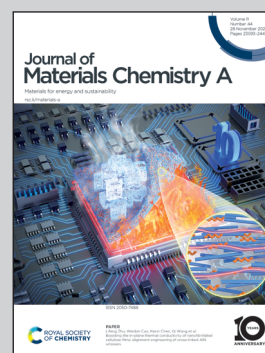


Showcasing research from Energy Storage R&D Center,  
Institute of Engineering Thermophysics, Chinese Academy  
of Sciences, Beijing, China.

Exploring the potential of triple conducting perovskite  
cathodes for high-performance solid oxide fuel cells: a  
comprehensive review

In this manuscript, we use three horses to represent  $H^+$ ,  $e^-$ ,  $O^{2-}$ . The strongest horse in the middle also has the “10” logo on it to commemorate the 10th anniversary of the *Journal of Materials Chemistry A*. The performance of electricity generation of fuel cells with triple conducting perovskite cathodes depends on the high conductivity of  $H^+$ ,  $e^-$ ,  $O^{2-}$ . We compare this phenomenon to three “horses” bringing huge amounts of electricity.

### As featured in:



See Yu Liu, Yujie Xu *et al.*,  
*J. Mater. Chem. A*, 2023, **11**, 23613.