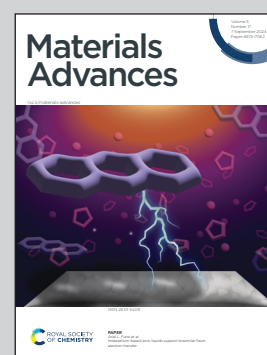


Showcasing discovery from collaborative research between University of Nottingham, Nottingham, UK and Almath Crucibles Ltd., Cambridge, UK, led by Dr Yu Yu and Professor George Zheng Chen.

Hydration control in the fabrication of high-density magnesia products *via* slip casting

In the slip casting process, rod-like fine MgO particles with numerous surface steps and defects undergo strong hydration and struggle to escape from the water. Conversely, larger spherical MgO particles exhibit reduced interaction with water and demonstrate excellent flowability, facilitating successful slip casting.

As featured in:



See George Z. Chen *et al.*,
Mater. Adv., 2024, 5, 6830.