



Showcasing research from Professor Arčon's and Professor Prassides' laboratories, Jožef Stefan Institute, Ljubljana, Slovenia and Department of Physics, Osaka Metropolitan University, Osaka, Japan.

Fulleride superconductivity tuned by elastic strain due to cation compositional disorder

Beyond bandwidth-controlled superconductivity: cation structural-disorder in the tetrahedral sites of face-centred-cubic-structured alkali-intercalated fullerenes finely tunes their superconducting properties at the same bandwidth.

As featured in:



See Kosmas Prassides *et al.*,
Chem. Sci., 2024, **15**, 16485.