



Showcasing research from the University of Cagliari, University of Limerick, University of Genova and Asociacion de la Industria Navarra.

Combining high energy ball milling and liquid crystal templating method to prepare magnetic ordered mesoporous silica. A physico-chemical investigation

HEBM and a LCT method were combined for the first time to prepare magnetic ordered mesoporous silica. Superparamagnetic MCM41-like materials with high specific surface area values and high mesopore volumes were obtained. The ordered mesoporous structure and accessible pores were maintained after the inclusion of increasing amounts of the magnetic component in the silica structure.

As featured in:



See Alessandra Scano *et al.*,
Phys. Chem. Chem. Phys.,
2024, **26**, 13020.