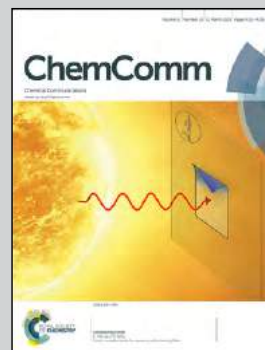


Showcasing research of Dr A. Carretero-Genevri and co-workers from Lyon Nanotechnology Institute (INL-CNRS), Materials Science Institute of Barcelona (ICMAB-CSIC), Institut Laue-Langevin (ILL) and Collège de France.

Crystallization of hollow mesoporous silica nanoparticles

Hollow mesoporous silica nanoparticles can be crystallized into polycrystalline α -quartz under relatively mild conditions. The infiltration of catalytic quantities of alkaline earth metals within the mesoporosity produces a confined devitrification and thus, the crystallization of nanoparticles without losing the initial 3D complex architecture.

As featured in:



See Adrian Carretero-Genevri, Clément Sanchez *et al.*, *Chem. Commun.*, 2015, 51, 4164.



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