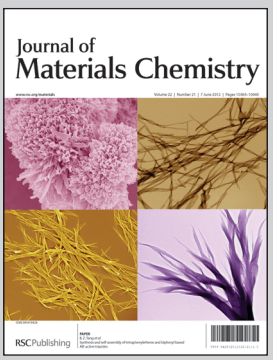
Highlighting a joint review on materials' synthesis from Centre for Nanophase Materials Sciences, Oak Ridge National Laboratory, Oak Ridge, Tennessee, USA and WPI-Centre for Materials Nanoarchitectonics, National Institute for Materials Science, Tsukuba, Japan.

Title: Materials self-assembly and fabrication in confined spaces

Performing synthetic procedures in confined spaces can lead to novelty in structure and function of synthetic materials especially involving mesoporous substances, polymers and self-assembly. In this review, the utility of spatial confinement is illustrated with emphasis on its potential for integrating the so-called top-down and bottom-up approaches to materials' synthesis.

As featured in:



See M. Ramanathan *et al.*, *J. Mater. Chem.*, 2012, **22**, 10389.

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