



**Showcasing research from the Institute of Materials Science of Barcelona, Consejo Superior de Investigaciones Científicas, Barcelona, Spain**

**Chemical synthesis of oriented ferromagnetic LaSr-2 × 4 manganese oxide molecular sieve nanowires**

A new class of single crystalline LaSr-2 × 4 manganese oxide molecular sieve nanowires that are ferromagnetic at room temperature were grown epitaxially self aligned on fluorite type substrates by incorporating sol-gel based polymeric precursor solutions and track-etched polymer templates.

**As featured in:**



See N. Mestres *et al.*,  
*Chem. Commun.*, 2012, **48**, 6223.

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