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Επιλεγμένες Πρόσφατες Δημοσιεύσεις

Periodic Hexagonal Mesostructured Chalcogenides Based on Platinum and $[\text{SnSe}_4]^{4-}$ and $[\text{SnTe}_4]^{4-}$ Precursors. Solvent Dependence of Nanopore and Wall Organization. Pantelis N. Trikalitis, Thomas Bakas, and Mercouri G. Kanatzidis. J. Am. Chem. Soc. 2005 Accepted.

Mesostructured Chalcogenides with Cubic MCM-48 type Symmetry: Large Framework Elasticity and Uncommon Resiliency to Strong Acids. Pantelis N. Trikalitis, Nan Ding, Chris Malliakas, Simon J. L. Billinge and Mercouri G. Kanatzidis. J. Am. Chem. Soc. 2004, 126, 15326-15327.

Isolation of Kinetically Stable Chalcogenide Phases via Rapid Cooling of Melts : Structural Transition from Kinetic to Thermodynamically Stable Form in the KInSnSe_4 System. Seong-Ju Hwang, Pantelis N. Trikalitis, Andrew G. Ogden and Mercouri G. Kanatzidis. Inorg. Chem., 2004, 43(7) 2237-2239.

Structure of Redox Intercalated $(\text{NH}_4)_{0.51}\text{V}_2\text{O}_5 \cdot n\text{H}_2\text{O}$ Xerogel Using the Pair Distribution Function Technique. Pantelis N. Trikalitis, Valeri Petkov and Mercouri G. Kanatzidis. Chem. Mater. 2003, 15, 3337-3342.

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Hexagonal mesostructured chalcogenide frameworks formed by linking $[\text{Ge}_4\text{Q}_{10}]^{4-}$ (Q = S, Se) clusters with Sb^{3+} and Sn^{4+} . Krishnaswamy K. Rangan, Pantelis N. Trikalitis, Thomas Bakas and Mercouri G. Kanatzidis *J. Chem. Soc. Chem. Commun.* 2001, (9), 809-810.

Supramolecular assembly of hexagonal mesostructured germanium sulfide and selenide nanocomposites incorporating the biologically relevant Fe_4S_4 cluster. Pantelis N. Trikalitis, Thomas Bakas, Vasilios Papaefthymiou and Mercouri G. Kanatzidis. *Angew. Chem. Int. Ed.* 2000, 39(24), 4558-4562.

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