

1. Theoretical evidence and chemical origin of the magnetism-dependent electrostructural coupling in La₂NiMnO₆

Hena Das, Umesh V Waghmare, T. Saha-Dasgupta, D.D. Sarma

Phys. Rev.B (in press)

2. Density Functional Study of the Electronic and Optical Properties of the spinel compound CuIr₂S₄
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3. Site preference of Fe atoms in FeMgSiO₄ and FeMg(SiO₃)₂ studied by density functional calculations

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3. A local-density approximation for the exchange energy functional for the excited states: the band-gap problem

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4. Recursive approach to study transport properties of atomic wire

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