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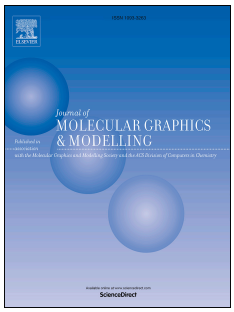

Ab-initio prediction of structure stability, electromagnetic, optical and thermoelectric behavior of orthorhombic $LaXO_3$ (X= Cr, Mn, Fe): For device application

B. Sabir, G. Murtaz, R.M. Arif Khalil

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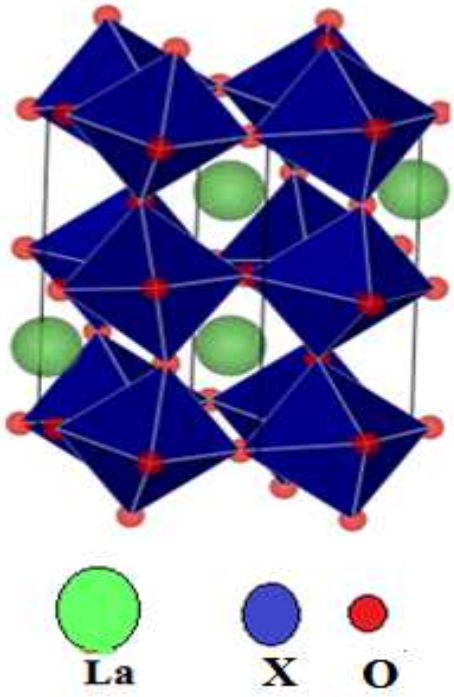

Fig.1: Structure for $LaXO_3$(X= Cr, Mn, Fe) in orthorhombic phase 62-Pbnm.