

[Pokropyvnyy Oleksiy](#)

4. Articole în reviste de peste hotare

4.2. Articole în reviste din Scopus - 3

Teze/Rezumate în culegeri - 1.

2015 - 1

Ab initio calculations of ideal and defective bismuth telluride nanotubes

Pokropivny Alex V.¹, Xiong Shiyun¹, Chumakov Yurii^{1,2}, Cortona Pietro³, Volz S.¹

¹ Laboratoire d'Energie 'tique Mole'culaire et Macroscopique, Combustion, UPR CNRS 288, Ecole Centrale Paris,

² Institute of Applied Physics, Academy of Sciences of Moldova,

³ Laboratoire Structures, Propriétés et Modélisation des Solides

Physica Status Solidi (B) Basic Research

Vol. 252, / 2015 / ISSN 0370-1972

Disponibil online 19 April, 2023. Descarcări-0. Vizualizări-183

2013 - 2

Ab initio calculations and measurements of thermoelectric properties of V2O5 films

Chumakov Yurii^{1,2}, Xiong Shiyun¹, Santos Joao R.³, Ferreira I.³, Termentzidis K.⁴, Pokropivny Alex V.¹, Cortona Pietro^{5,6}, Volz S.¹

¹ Laboratoire d'Energie 'tique Mole'culaire et Macroscopique, Combustion, UPR CNRS 288, Ecole Centrale Paris,

² Institute of Applied Physics, Academy of Sciences of Moldova,

³ NOVA University of Lisbon,

⁴ Université de Lorraine, LEMTA UMR 7563, CNRS,

⁵ Laboratoire Structures, Propriétés et Modélisation des Solides,

⁶ Ecole Centrale Paris

Journal of Electronic Materials

Vol. 42, / 2013 / ISSN 0361-5235 / ISSNe 1543-186X

Disponibil online 29 December, 2023. Descarcări-0. Vizualizări-119

Large thermal conductivity decrease in point defective Bi 2Te3 bulk materials and superlattices

Termentzidis K.^{1,2}, Pokropivny Alex V.¹, Woda Michael³, Xiong Shiyun¹, Chumakov Yurii^{1,4}, Cortona Pietro⁵, Volz S.¹

¹ Laboratoire d'Energie 'tique Mole'culaire et Macroscopique, Combustion, UPR CNRS 288, Ecole Centrale Paris,

² Université de Lorraine, LEMTA UMR 7563, CNRS,

³ Micropelt GmbH Heide Süd, Halle,

⁴ Institute of Applied Physics, Academy of Sciences of Moldova,

⁵ Laboratoire Structures, Propriétés et Modélisation des Solides

Journal of Applied Physics

Vol. 113, / 2013 / ISSN 0021-8979 / ISSNe 1089-7550

Disponibil online 7 November, 2023. Descarcări-0. Vizualizări-153

Disponibil: <https://ibn.idsi.md>