

Lista articolelor cu rezumate în limba engleza

2020

- Theoretical Study of Thermoelectric Properties of Covalent Organic Frameworks with Slipped Arrangement
1. *Journal of Electronic Materials*. 2020, nr. 9(49), 5507-5498. ISSN 0361-5235 ISSN_e 1543-186X. (Cat.)

2018

- Anisotropic Thermoelectric Devices Made from Single-Crystal Semimetal Microwires in Glass Coating
2. *Journal of Electronic Materials*. 2018, nr. 6(47), 3176-3171. ISSN 0361-5235 ISSN_e 1543-186X. (Cat.)

2016

- First-Principles Study of Thermoelectric Properties of Covalent Organic Frameworks
3. *Journal of Electronic Materials*. 2016, nr. 7(45), 3452-3445. ISSN 0361-5235 ISSN_e 1543-186X. (Cat.)
- Nanostructured TTT(TCNQ)₂ Organic Crystals as Promising Thermoelectric n-Type Materials: 3D Modeling
4. *Journal of Electronic Materials*. 2016, nr. 3(45), 1320-1316. ISSN 0361-5235 ISSN_e 1543-186X. (Cat.)

2014

- Thermoelectric Properties of Tetrathiotetracene Iodide Crystals: Modeling and Experiment
5. *Journal of Electronic Materials*. 2014, nr. , 3745-3740. ISSN 0361-5235 ISSN_e 1543-186X. (Cat.)

2013

- Effect of lorenz number decrease on thermoelectric efficiency in quasi-one-dimensional organic crystals
6. *Journal of Electronic Materials*. 2013, nr. , 2156-2151. ISSN 0361-5235 ISSN_e 1543-186X. (Cat.)
- Ab initio calculations and measurements of thermoelectric properties of V₂O₅ films
7. *Journal of Electronic Materials*. 2013, nr. , 1603-1597. ISSN 0361-5235 ISSN_e 1543-186X. (Cat.)

2012

- Size-quantization semimetal-semiconductor transition in Bi_{0.98}Sb_{0.02} nanowires: Thermoelectric properties
8. *Journal of Electronic Materials*. 2012, nr. , 2316-2313. ISSN 0361-5235 ISSN_e 1543-186X. (Cat.)

2010

- Evolution of optical and mechanical properties of semiconductors over 40 years
9. *Journal of Electronic Materials*. 2010, nr. , 641-635. ISSN 0361-5235 ISSN_e 1543-186X. (Cat.)

2009

- Evolution of luminescence from doped gallium phosphide over 40 years
10. *Journal of Electronic Materials*. 2009, nr. , 646-640. ISSN 0361-5235 ISSN_e 1543-186X. (Cat.)

2008

- Luminescence of long-term ordered pure and doped gallium phosphide
11. *Journal of Electronic Materials*. 2008, nr. , 395-388. ISSN 0361-5235 ISSN_e 1543-186X. (Cat.)

2000

12. Modulation spectroscopy study of a strained layer GaAs/GaAsP multiple quantum well structure
. *Journal of Electronic Materials*. 2000, nr. , 1350-1346. ISSN 0361-5235 ISSNe 1543-186X.
(Cat.)