

## Afisarea articolelor 1-20(26) pentru cuvîntul-cheie "Temperature dependence"

### **Study of Magnetic Behavior of Salts of Cationic Dinitrosyl Iron Complexes with Thiocarbamide and its Derivatives**

*Aldoshin Serghei<sup>1</sup>, Morgunov Roman<sup>1</sup>, Palii Andrei<sup>12</sup>, Shmatko Natal'ya<sup>1</sup>, Sanina Nataliya<sup>1</sup>*

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#### **Applied Magnetic Resonance**

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### **Exchange Interaction and Spin Dynamics in Pentanuclear Clusters, Cu 3Ln2(ClCH2COO)12(H 2O)8 (Ln = Nd3+, Sm3+, Pr 3+)**

*Voronkova Violeta<sup>1</sup>, Galeev Ravil<sup>1</sup>, Şova Sergiu<sup>2</sup>, Noviţchi Ghenadie<sup>2</sup>, Turtă Constantin<sup>3</sup>, Caneschi Andrea<sup>4</sup>, Gatteschi Dante<sup>4</sup>, Lipkowski Janusz<sup>5</sup>, Simonov Iurii<sup>6</sup>*

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### **Refractive index dispersion deduced from lasing modes in ZnO microtetrapods**

*Ursachi Veaceslav<sup>1</sup>, Zalamai Victor<sup>1</sup>, Tighineanu Ion<sup>2</sup>, Burlacu Alexandru<sup>2</sup>, Klingshirn Claus Franz<sup>3</sup>, Rusu Emil<sup>2</sup>*

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#### **Applied Physics Letters**

/ 2009 / ISSN 0003-6951 /ISSNe 1077-3118

Disponibil online 6 April, 2018. Descarcări-0. Vizualizări-675

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### **Temperature characteristics of peptidase in chironomid larvae, potential fish prey, at various pH values**

*Kuzmina Victoria<sup>1</sup>, Chornaya E.<sup>2</sup>, Skvortsova E.<sup>3</sup>, Kulivatskaya E.<sup>1</sup>, Şeptiţchi Vladimir<sup>2</sup>*

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#### **Biosystems Diversity**

3(26) / 2018 / ISSN 2519-8513 /ISSNe 2520-2529

Disponibil online 4 July, 2020. Descarcări-0. Vizualizări-484

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### **Electrical properties of lead telluride single crystals doped with Gd**

*Todosiciuc Alexandr<sup>1</sup>, Nicorici Andrei<sup>1</sup>, Condrea Elena<sup>1</sup>, Warchulska Jolanta K.<sup>2</sup>*

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## Proceedings of the International Semiconductor Conference

Vol. 2. 2012. New Jersey. [ISBN 978-146730736-9](#).

Disponibil online 13 December, 2023. Descarcări-0. Vizualizări-112

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### Evidence of slow relaxation of magnetization in dysprosium-based ionic liquids

*Prodius Denis<sup>12</sup>, Macaev Fliur<sup>2</sup>, Lan Yanhua<sup>3</sup>, Novitchi Ghenadie<sup>24</sup>, Pogrebnoi Serghei<sup>2</sup>, Stîngaci Eugenia<sup>2</sup>, Mereacre Valeriu<sup>3</sup>, Anson Christopher E.<sup>3</sup>, Powell Annie Katherine<sup>13</sup>*

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### Chemical Communications

/ 2013 / ISSN 1359-7345 /ISSNe 1364-548X

Disponibil online 17 July, 2023. Descarcări-0. Vizualizări-171

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### Origin of single molecule magnet behavior of a trinuclear [Ni 2Dy] cluster

*Clochişner Sofia, Reu Oleg*

Institute of Applied Physics, Academy of Sciences of Moldova

### Chemical Physics Letters

/ 2012 / ISSN 0009-2614 /ISSNe 1873-4448

Disponibil online 19 January, 2024. Descarcări-0. Vizualizări-48

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### Experimental and Theoretical Electron Density Distribution and Magnetic Properties of the Butterfly-like Complex [Fe4O2(O 2CCMe3)8(NC5H4Me) 2]·2CH3CN

*Overgaard Jacob<sup>12</sup>, Hibbs David E.<sup>2</sup>, Rentschler Eva<sup>3</sup>, Timco Grigore<sup>4</sup>, Larsen Finn Krebs<sup>1</sup>*

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### Inorganic Chemistry

/ 2003 / ISSN 0020-1669

Disponibil online 27 July, 2023. Descarcări-0. Vizualizări-203

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### Temperature dependence of energies and broadening parameters of near band edge interband excitonic transitions in wurtzite ZnCdMgSe

*Dumcenco Dumitru<sup>12</sup>, Huang Ying-Sheng<sup>1</sup>, Hsu Hung-Pin<sup>3</sup>, Tiong Kwong-Kaw<sup>4</sup>, Firszt Franciszek<sup>5</sup>, Strzalkowski Karol<sup>5</sup>, Legowski Stanislaw<sup>5</sup>, McZynska H.<sup>5</sup>*

<sup>2</sup> Institute of Applied Physics, Academy of Sciences of Moldova,

<sup>4</sup> National Taiwan Ocean University, Keelung,

### Journal of Applied Physics

/ 2010 / ISSN 0021-8979 /ISSNe 1089-7550

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### Magnetic and electrical properties of Cr- and Ni-doped $\beta$ -FeSi 2 single crystals

*Aruşanov Ernest<sup>12</sup>, Nenkov Konstantin A.<sup>1</sup>, Eckert Dieter<sup>1</sup>, Vinzelberg Hartmut<sup>1</sup>, Robler Ulrich K.<sup>1</sup>, Behr Gunther U.<sup>1</sup>, Muller Karl Hartmut<sup>1</sup>, Schumann Joachim<sup>1</sup>*

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### Journal of Applied Physics

/ 2004 / ISSN 0021-8979 /ISSNe 1089-7550

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## **Ab initio calculations and measurements of thermoelectric properties of V2O5 films**

*Ciumacov Iurie<sup>12</sup>, Xiong Shiyun<sup>1</sup>, Santos Joao R.<sup>3</sup>, Ferreira I.<sup>3</sup>, Termentzidis Konstantinos<sup>4</sup>, Pokropyvnyy Oleksiy<sup>1</sup>, Cortona Pietro<sup>56</sup>, Volz Sebastian<sup>1</sup>*

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### **Journal of Electronic Materials**

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## **Size-quantization semimetal-semiconductor transition in Bi 0.98Sb 0.02 nanowires: Thermoelectric properties**

*Nikolaeva Albina<sup>12</sup>, Konopko Leonid<sup>12</sup>, Huber Tito<sup>3</sup>, Bodiul Pavel<sup>1</sup>, Popov Ivan<sup>1</sup>, Moloşnic Eugeniu<sup>1</sup>*

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### **Journal of Electronic Materials**

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## **Vibronic model for cooperative spin-crossover in pentanuclear {[M III(CN)6]2[MII(tmphen) 2]3} (M/M= Co/Fe, Fe/Fe) compounds**

*Clochişner Sofia<sup>1</sup>, Ostrovschii Serghei<sup>1</sup>, Palii Andrei<sup>1</sup>, Shatruk Michael M.<sup>2</sup>, Funck Kristen E.<sup>3</sup>, Dunbar Kim R.<sup>3</sup>, Ţukerblat Boris S.<sup>4</sup>*

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### **Journal of Physical Chemistry C**

/ 2011 / ISSN 1932-7447 /ISSNe 1932-7455

Disponibil online 28 February, 2024. Descarcări-0. Vizualizări-95

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## **Defect band transport in p-type CuGaSe2**

*Aruşanov Ernest<sup>12</sup>, Siebentritt Susanne<sup>1</sup>, Siebentritt Susanne<sup>1</sup>, Lux-Steiner Martha Ch. H.<sup>1</sup>*

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### **Journal of Physics Condensed Matter**

/ 2005 / ISSN 0953-8984 /ISSNe 1361-648X

Disponibil online 5 March, 2024. Descarcări-0. Vizualizări-81

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## **Temperature dependence of the exciton gap in monocrystalline CuGaSe2**

*Meeder Alexander<sup>1</sup>, Jager-Waldau Arnulf<sup>2</sup>, Tezlevan Victor<sup>3</sup>, Aruşanov Ernest<sup>3</sup>, Schedel-Niedrig Thomas<sup>1</sup>, Lux-Steiner Martha Ch. H.<sup>1</sup>*

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### **Journal of Physics Condensed Matter**

/ 2003 / ISSN 0953-8984 /ISSNe 1361-648X

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## **Orbital-selective metal-insulator transition and gap formation above T<sub>C</sub> in superconducting Rb<sub>1-x</sub>Fe<sub>2-y</sub>Se<sub>2</sub>**

*Wang Zhe<sup>1</sup>, Schmidt Michael<sup>1</sup>, Fischer Jonas Kai Hendric<sup>1</sup>, Turcan Vladimir<sup>1,2</sup>, Greger Markus<sup>1</sup>, Vollhardt Dieter<sup>1</sup>, Loidl Alois<sup>1</sup>, Deisenhofer Joachim<sup>1</sup>*

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### **Nature Communications**

/ 2014 / ISSN 2041-1723

Disponibil online 21 June, 2023. Descarcări-0. Vizualizări-247

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## **Magnetic susceptibility of ultrasmall superconductor grains**

*Gladilin Vladimir<sup>1,2</sup>, Fomin Vladimir<sup>1,3,2</sup>, Devreese Josef T.<sup>1,3</sup>*

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<sup>2</sup> Moldova State University,

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### **Physical Review B - Condensed Matter and Materials Physics**

/ 2004 / ISSN 1098-0121 /ISSNe 1550-235X

Disponibil online 30 June, 2023. Descarcări-0. Vizualizări-184

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## **Multiphonon resonant Raman scattering in ZnO crystals and nanostructured layers**

*Ursachi Veaceslav<sup>1,2</sup>, Tighineanu Ion<sup>1,2</sup>, Zalamai Victor<sup>1,2</sup>, Rusu Emil<sup>1,2</sup>, Emelcenco Gennady<sup>3</sup>, Masalov Vladimir<sup>3</sup>, Samarov E.<sup>3</sup>*

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### **Physical Review B - Condensed Matter and Materials Physics**

/ 2004 / ISSN 1098-0121 /ISSNe 1550-235X

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## **Magnetic, heat capacity, and conductivity studies of ferrimagnetic MnCr<sub>2</sub>S<sub>4</sub> single crystals**

*Turcan Vladimir<sup>1,2</sup>, Mucksch M.<sup>1</sup>, Fritsch Veronika<sup>1</sup>, Hemberger Joachim<sup>1</sup>, Klemm Matthias<sup>1</sup>, Klimm S.<sup>1</sup>, Korner S.<sup>1</sup>, Krug Von Nidda Hans Albrecht<sup>1</sup>, Samusi D.<sup>2</sup>, Scheidt Ernst Wilhelm<sup>1</sup>, Loidl Alois<sup>1</sup>, Hörn Siegfried<sup>2</sup>*

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### **Physical Review B - Condensed Matter and Materials Physics**

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## **Anisotropic colossal magnetoresistance effects in Fe<sub>1-x</sub>Cu<sub>x</sub>Cr<sub>2</sub>S<sub>4</sub>**

*Fritsch Veronika<sup>1</sup>, Deisenhofer Joachim<sup>1</sup>, Fichtl Robert<sup>1</sup>, Hemberger Joachim<sup>1</sup>, Krug Von Nidda Hans Albrecht<sup>1</sup>, Mucksch M.<sup>1</sup>, Nicklas Michael<sup>2</sup>, Samusi D.<sup>3</sup>, Thompson Joe D.<sup>2</sup>, Tidecks Reinhard<sup>1</sup>, Turcan Vladimir<sup>1,3</sup>, Loidl Alois<sup>1</sup>*

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### **Physical Review B - Condensed Matter and Materials Physics**

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### **Electron-spin-resonance studies of the ferrimagnetic semiconductor FeCr<sub>2</sub>S<sub>4</sub>**

*Turcan Vladimir<sup>1,2</sup>, Lohmann M.<sup>1</sup>, Krug Von Nidda Hans Albrecht<sup>1</sup>, Loidl Alois<sup>1</sup>, Hörn Siegfried<sup>1</sup>, Tidecks Reinhard<sup>1</sup>*

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### **Physical Review B - Condensed Matter and Materials Physics**

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### **Electrical properties of thermally annealed CdS thin films obtained by chemical bath deposition**

*Scorțescu Dumitru<sup>1</sup>, Matciuc Natalia<sup>1</sup>, Nicorici Valentina<sup>1</sup>, Spalatu Nicolae<sup>1</sup>, Potlog Tamara<sup>1</sup>, Hiie Jaan<sup>2</sup>, Valdna Vello<sup>2</sup>*

<sup>1</sup> Moldova State University,

### **Proceedings of the International Semiconductor Conference**

Vol. 2. 2011. New Jersey. [ISBN 978-161284171-7](#).

Disponibil online 12 December, 2023. Descarcări-0. Vizualizări-102

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### **Solvothermal synthesis of lead telluride micro- and nanocrystals**

*Guțul Tatiana, Nicorici Andrei, Todosiciuc Alexandr*

Institute of the Electronic Engineering and Nanotechnologies "D. Ghitu" of the Academy of Sciences of Moldova

### **Proceedings of the International Semiconductor Conference**

Vol. 2. 2011. New Jersey. [ISBN 978-161284171-7](#).

Disponibil online 12 December, 2023. Descarcări-0. Vizualizări-118

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### **Edge luminescence of heavily doped indium phosphide**

*Georgobiani Anatoly<sup>1</sup>, Mikulenok A.<sup>2</sup>, Stoyanova I.<sup>2</sup>, Tighineanu Ion<sup>3</sup>, Ursachi Veaceslav<sup>4</sup>*

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<sup>3</sup> Kishinau Polytechnical Institut,

<sup>4</sup> Academy of Sciences of Moldova

### **Soviet Physics - Lebedev Institute Reports (English Translation of Sbornik "Kratkie Soobshcheniya po Fizike". AN SSSR)**

/ 1983 / ISSN 0364-2321

Disponibil online 24 January, 2024. Descarcări-0. Vizualizări-65

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### **Photoconductivity study of Ca<sub>2</sub>Si epitaxial film on Si(111) substrate**

*Siminel Nichita<sup>1</sup>, Galkin Konstantin<sup>2</sup>, Arușanov Ernest<sup>1</sup>, Galkin Nikolay<sup>2</sup>*

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### **Vacuum**

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# Pseudo-Jahn-Teller Vibronic Model of a Cubic 3d3 Impurity in Crystals. Luminescence of CdIn<sub>2</sub>S<sub>4</sub>:Cr<sup>3+</sup>

Culiuc Leonid<sup>1</sup>, Popov Serghei<sup>1</sup>, Ţukerblat Boris S.<sup>2</sup>, Ostrovschii Serghei<sup>2</sup>, Palii Andrei<sup>2</sup>

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**Zeitschrift fur Physikalische Chemie**

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