

## Afisarea articolelor 1-15(15) pentru cuvântul-cheie "Dysprosium"

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

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### Chemical Communications

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

Disponibil online 17 July, 2023. Descarcări-0. Vizualizări-186

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### Photoluminescence and Raman scattering in In<sub>0.53</sub>Ga<sub>0.47</sub>As/InP:Dy

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### Proceedings of SPIE - The International Society for Optical Engineering

Vol.3182. 1997. Bellingham, Washington. [ISSN 0277-786X](#).

Disponibil online 15 February, 2024. Descarcări-0. Vizualizări-124

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### Tetranuclear {CoII<sub>2</sub>CoIII<sub>2</sub>}, Octanuclear {CoII<sub>4</sub>CoIII<sub>4</sub>}, and Hexanuclear {CoIII<sub>3</sub>DyIII<sub>3</sub>} Pivalate Clusters: Synthesis, Magnetic Characterization, and Theoretical Modeling

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### Inorganic Chemistry

/ 2017 / ISSN 0020-1669

Disponibil online 18 February, 2023. Descarcări-0. Vizualizări-212

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### Ultralarge 3d/4f Coordination Wheels: From Carboxylate/Amino Alcohol-Supported {Fe<sub>4</sub>Ln<sub>2</sub>} to {Fe<sub>18</sub>Ln<sub>6</sub>} Rings

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### Inorganic Chemistry

/ 2017 / ISSN 0020-1669

Disponibil online 27 February, 2022. Descarcări-3. Vizualizări-368

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### Theoretical Modeling of the Magnetic Behavior of Thiacalix[4]arene Tetranuclear MnII<sub>2</sub>GdIII<sub>2</sub> and CoII<sub>2</sub>EuIII<sub>2</sub> Complexes

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### Inorganic Chemistry

/ 2016 / ISSN 0020-1669

Disponibil online 18 June, 2022. Descarcări-0. Vizualizări-341

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### **Developing a "highway Code" to steer the structural and electronic properties of FeIII/DyIII coordination clusters**

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#### **Inorganic Chemistry**

/ 2015 / ISSN 0020-1669

Disponibil online 11 May, 2023. Descarcări-0. Vizualizări-248

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### **Rational design of single-ion magnets and spin qubits based on mononuclear lanthanoid complexes**

*Baldovi Jose J.<sup>1</sup>, Cardona-Serra Salvador<sup>1</sup>, Clemente-Juan Juan<sup>1</sup>, Coronado Eugenio<sup>1</sup>, Gaita-Arino Alejandro<sup>1</sup>, Palii Andrei<sup>2</sup>*

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#### **Inorganic Chemistry**

/ 2012 / ISSN 0020-1669

Disponibil online 26 June, 2023. Descarcări-0. Vizualizări-180

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### **Synthesis, Characterization, and Modeling of Magnetic Properties of a Hexanuclear Amino Alcohol-Supported {CoII2CoIII2DyIII2} Pivalate Cluster**

*Radu Ioana<sup>1</sup>, Kravțov Victor<sup>1</sup>, Kramer Karl W<sup>2</sup>, Decurtins Silvio<sup>2</sup>, Liu Shi-Xia<sup>2</sup>, Reu Oleg<sup>1</sup>, Ostrovschii Serghei<sup>1</sup>, Clochișner Sofia<sup>1</sup>, Baca Svetlana<sup>1</sup>*

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

/ 2016 / ISSN 1932-7447 /ISSNe 1932-7455

Disponibil online 10 January, 2023. Descarcări-0. Vizualizări-345

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### **Electrical and photoelectrical properties of glassy As2Se3 doped with Mn, Dy and Sm**

*Iovu Mihail, Andrieș Andrei, Shutov Serghei, Bulgaru M., Popescu Mihai A., Sava Florinel, Lorinczi Adam*

Institute of Applied Physics, Academy of Sciences of Moldova

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

Vol. 1. 1996. New Jersey. [DOI 10.1109/SMICND.1996](https://doi.org/10.1109/SMICND.1996).

Disponibil online 7 December, 2023. Descarcări-0. Vizualizări-140

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### **The effect of metal dopants on photodarkening kinetics in amorphous AsSe and As2Se3 thin films**

*Iovu Mihail<sup>1</sup>, Shutov Serghei<sup>1</sup>, Rebeja S.<sup>1</sup>, Colomeico Eduard<sup>1</sup>, Popescu Mihai A.<sup>2</sup>*

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#### **Physica Status Solidi (A) Applied Research**

/ 2000 / ISSN 0031-8965 /ISSNe 1521-396X

Disponibil online 20 November, 2023. Descarcări-0. Vizualizări-91

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## **Field-induced internal Fe and Ln spin reorientation in butterfly {Fe<sub>3</sub>LnO<sub>2</sub>} (Ln = Dy and Gd) single-molecule magnets**

*Badia-Romano Laura<sup>1</sup>, Bartolome Fernando<sup>1</sup>, Bartolome Juan<sup>1</sup>, Luzon Javier<sup>1,2</sup>, Prodius Denis<sup>3</sup>, Turtă Constantin<sup>3</sup>, Mereacre Valeriu<sup>3</sup>, Wilhelm Fabrice<sup>4</sup>, Rogalev Andrei L.<sup>4</sup>*

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

/ 2013 / ISSN 1098-0121 /ISSNe 1550-235X

Disponibil online 2 July, 2023. Descarcări-0. Vizualizări-232

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## **Magnetostructural correlations in the tetranuclear series of { Fe<sub>3</sub> LnO<sub>2</sub> } butterfly core clusters: Magnetic and Mössbauer spectroscopic study**

*Bartolome Juan<sup>1</sup>, Filoti George<sup>2</sup>, Kuncser Victor Eugen<sup>2</sup>, Schinteie Gabriel Alexandru<sup>2</sup>, Mereacre Valeriu<sup>3,4</sup>, Anson Christopher E.<sup>4</sup>, Powell Annie Katherine<sup>4</sup>, Prodius Denis<sup>3</sup>, Turtă Constantin<sup>3</sup>*

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

/ 2009 / ISSN 1098-0121 /ISSNe 1550-235X

Disponibil online 20 June, 2023. Descarcări-0. Vizualizări-268

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## **Photodarkening of amorphous chalcogenide films doped by metal impurities**

*Iovu Mihail, Shutov Serghei, Rebeja S., Colomeico Eduard, Popescu Mihai A.*

Institute of Applied Physics, Academy of Sciences of Moldova

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

Vol. 1. 1999. New Jersey. [DOI 10.1109/SMICND.1999](https://doi.org/10.1109/SMICND.1999).

Disponibil online 1 December, 2023. Descarcări-0. Vizualizări-129

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## **Lanthanide complexes with N,N'-Bis(2-hydroxybenzylidene)-2-hydroxyphenylmethanediamine**

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### **Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya**

/ 2004 / ISSN - /ISSNe 1070-3284

Disponibil online 8 September, 2023. Descarcări-39. Vizualizări-114

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## **Raman scattering analysis of InGaAs/InP: Effect of rare earth (Dysprosium) addition during liquid phase epitaxial growth**

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Academy of Sciences of Moldova

### **Conference Proceedings - International Conference on Indium Phosphide and Related Materials**

Ediția 8. 1996. New Jersey. [ISSN 10928669](https://doi.org/10.1109/ISSN10928669).

Disponibil online 25 January, 2024. Descarcări-0. Vizualizări-95

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