

Afisarea articolelor 1-20(26) pentru cuvântul-cheie "Ions"

Absorption and photoluminescence of Ga-La-S:O and Ga-Ge-As-S glasses doped with rare-earth ions

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Proceedings of SPIE - The International Society for Optical Engineering

Ediția 3, Vol.6635. 2007. Bellingham, Washington. [ISSN 0277-786X](#).

Disponibil online 24 January, 2024. Descarcări-0. Vizualizări-119

Microtechnology with silar and RPP for semiconductor oxide gas sensors

Șișianu Sergiu, Șișianu Teodor, Lupan Oleg

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Proceedings of the International Semiconductor Conference

Vol. 1, Ediția 28. 2005. New Jersey. [ISBN 0780392140, 978-078039214-4](#).

Disponibil online 22 November, 2023. Descarcări-0. Vizualizări-131

Ferromagnetic interaction between copper and terbium ions in pentanuclear cluster [Cu₃Tb₂(ClCH₂COO)₁₂(H₂O)₈] • 2H₂O

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Applied Magnetic Resonance

/ 2008 / ISSN 0937-9347 /ISSNe 1613-7507

Disponibil online 1 March, 2024. Descarcări-0. Vizualizări-97

Enhancing the blocking temperature in single-molecule magnets by incorporating 3d-5d exchange interactions

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Chemistry - A European Journal

/ 2010 / ISSN 0947-6539

Disponibil online 18 July, 2023. Descarcări-0. Vizualizări-132

Discrete Complexes and One-Dimensional Coordination Polymers with [Cu(II)(2,2'-bpy)]₂ and [Cu(II)(phen)]₂ Corner Fragments: Insight into Supramolecular Structure and Optical Properties

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Crystal Growth and Design

11(16) / 2016 / ISSN 1528-7483

Disponibil online 7 November, 2017. Descarcări-2. Vizualizări-1156

Crystal structures of nitrate-{2-[2-(1-pyridine-2-ylethylidene)hydrazine]-1,3-benzothiazolo}aquacopper and chloro-{2-[2-phenyl(pyridine-2-ylethylidene)hydrazine]-1,3-benzothiazolo}copper

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Disponibil online 8 May, 2023. Descarcări-0. Vizualizări-236

Cathodoluminescence microscopy and spectroscopy of GaN epilayers microstructured using surface charge lithography

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Journal of Applied Physics

/ 2006 / ISSN 0021-8979 /ISSNe 1089-7550

Disponibil online 11 April, 2018. Descarcări-0. Vizualizări-774

Sorption and thermal properties of strongly basic cross-linked ionic polymer modified with Cr(III) compounds

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Journal of Applied Polymer Science

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Disponibil online 15 December, 2023. Descarcări-0. Vizualizări-126

Unforeseen factors influencing Fe(III)-containing cations sorption on strongly basic anion exchangers

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Molecular orbital method in the theory of multiphonon nonradiative transitions of impurity rare-earth ions

Perlin Iuri, Aliphanov O.

Moldova State University

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Disponibil online 5 October, 2023. Descarcări-0. Vizualizări-175

Magnetic and vibronic interactions in mixed-valence clusters: A general approach based on the angular momentum theory

Borras-Almenar Juan Jose^{1,2}, Clemente-Juan Juan¹, Coronado Eugenio¹, Georges Roland², Kishinevsky H.³, Clochişner Sofia³, Ostrovschii Serghei³, Palii Andrei³, Ţukerblat Boris S.^{1,3}

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Disponibil online 20 February, 2024. Descarcări-0. Vizualizări-119

Antiferromagnetic single-chain magnet slow relaxation in the {Tb(α-fur)₃}_n polymer with non-Kramers ions

Bartolome Elena¹, Bartolome Juan², Arauzo Ana², Luzon Javier³, Badia L.², Cases Rafael², Luis Fernando², Melnic Silvia⁴, Prodius Denis⁴, Şova Sergiu⁵, Turtă Constantin⁴

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Disponibil online 8 July, 2022. Descarcări-0. Vizualizări-299

Modeling of Spin Crossover in Linear Trinuclear Complexes: Effects of External Pressure

Ostrovschii Serghei, Clochişner Sofia

Institute of Applied Physics

Journal of Physical Chemistry A

44(126) / 2022 / ISSN 1089-5639 /ISSNe 1520-5215

Disponibil online 23 November, 2022. Descarcări-0. Vizualizări-199

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

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Disponibil online 10 January, 2023. Descarcări-0. Vizualizări-338

Robust packing patterns and luminescence quenching in mononuclear [Cu(II)(phen)₂] sulfates

Melnic Elena¹, Coropceanu Eduard², Culicova Olga¹, Siminel Anatolii¹, Anderson Dane³, Rivera-Jacquez Hector J.³, Masunov Artem^{3,4}, Fonari Marina¹, Kravţov Victor¹

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Controlled mixed violet-blue-red electroluminescence from Eu:Nano-phosphors/ZnO-Nanowires/p-GaN light-emitting diodes

Lupan Oleg^{1,2,3}, Viana Bruno¹, Pauporte Thierry², Dhaouadi Maroua¹, Pelle Fabienne¹, Devys Lucie⁴, Gacoin Thierry⁴

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Experimental characterization and theoretical modeling of a linear [Co II2TbIII] single molecule magnet

Reu Oleg¹, Palii Andrei¹, Ostrovschii Serghei¹, Wallace Warren A.^{2,3}, Zaharko Oksana², Chandrasekhar Vadapalli^{4,5}, Clerac Rodolphe^{6,7}, Clochişner Sofia¹

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Temperature dependence of Raman scattering in porous gallium phosphide

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/ 2001 / ISSN 0953-8984 /ISSNe 1361-648X

Disponibil online 13 February, 2024. Descarcări-1. Vizualizări-131

A highly anisotropic cobalt(II)-based single-chain magnet: Exploration of spin canting in an antiferromagnetic array

Palii Andrei¹, Reu Oleg¹, Ostrovschii Serghei¹, Clochişner Sofia¹, Ţukerblat Boris S.², Sun Zhong-Ming³, Mao Jiang-Gao³, Proşvirin Andrei⁴, Zhao Han-Hua⁴, Dunbar Kim R.⁴

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/ 2008 / ISSN 0002-7863 /ISSNe 1520-5126

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Zn+/P+ and Zn+/As+ co-implantation in InP single crystals

Ursachi Veaceslav, Tighineanu Ion, Ichizli V., Terletsky Andrei, Pyshnaya N., Rădăuţanu Sergiu

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Design of trapped surface charge for the photoelectrochemical fabrication of GaN mesostructures

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Clochişner Sofia, Reu Oleg, Roman Marianna

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Disponibil online 24 October, 2021. Descarcări-0. Vizualizări-306

Lattice dynamics and electronic excitations in a large family of lacunar spinels with a breathing pyrochlore lattice structure

Reschke Stephan¹, Meggle F.¹, Mayr Franz¹, Ţurcan Vladimir^{1,2}, Prodan Lilian^{1,2}, Nakamura Hiroyuki³, Deisenhofer Joachim¹, Kuntscher Christine A.¹, Kezsmarki Istvan¹

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Synthesis and characterization of inner-sphere substitution products in azide-containing cobalt(III) dioximates

Coropceanu Eduard¹, Bologa Olga¹, Arsene Ion¹, Vitiu (Boldişor) Aliona², Bulhac Ion¹, Gorincioi Natalia¹, Bouroş Paulina²

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Influence of organic ammonium derivatives on the equilibria between NH₄⁺, NO₂⁻ and NO₃⁻ ions in the Nistru River water

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Institute of Chemistry

Scientific Reports

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On temperature dependence of the parameters of corona discharge current-voltage characteristics

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Surface Engineering and Applied Electrochemistry

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