

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

Charge-Transport Properties of F6TNAP-Based Charge-Transfer Cocrystals

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Advanced Functional Materials

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Bose-Einstein Condensation of two-dimensional magnetoexcitons. Influence of the excited Landau levels

Moscalenco Sveatoslav, Dumanov Evgheni, Podlesnii Igor, Shmiglyuk M.

Institute of Applied Physics, Academy of Sciences of Moldova

Proceedings of SPIE - The International Society for Optical Engineering

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Peculiarities in Transmission (Reflection) of Ultrashort Resonant Laser Pulses by a Thin Semiconductor Film in the Conditions of Exciton and Biexciton Excitation

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Journal of Experimental and Theoretical Physics

1(128) / 2019 / ISSN 1063-7761

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

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Journal of Materials Chemistry C

4(22) / 2016 / ISSN 2050-7534

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Electric Field Effects on Magnetic and Polarizability Properties of Clusters with Two-Electron Transfer

Roman Marianna, Clochişner Sofia

Institute of Applied Physics

Journal of Physical Chemistry A

46(122) / 2018 / ISSN 1089-5639 /ISSNe 1520-5215

Disponibil online 10 December, 2018. Descarcări-0. Vizualizări-637

Electric Field Control of Spin States in Trigonal Two-Electron Quantum Dot Arrays and Mixed-Valence Molecules: I. Electronic Problem

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Journal of Physical Chemistry C

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Disponibil online 28 February, 2019. Descarcări-0. Vizualizări-954

Mixed-Valence Triferrocenium Complex with Electric Field Controllable Superexchange as a Molecular Implementation of Triple Quantum Dot

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Journal of Physical Chemistry C

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Spin Switching in Molecular Quantum Cellular Automata Based on Mixed-Valence Tetrameric Units

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

Radu Ioana¹, Kravțov Victor¹, Kramer Karl W², Decurtins Silvio², Liu Shi-Xia², Reu Oleg¹, Ostrovschii Serghei¹, Clochișner Sofia¹, Baca Svetlana¹

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Journal of Physical Chemistry C

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How Correlations and Spin-Orbit Coupling Work within Extended Orbitals of Transition-Metal Tetrahedra of 4d/5d Lacunar Spinels

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Journal of Physical Chemistry Letters

7(13) / 2022 / ISSN 1948-7185

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Magnetism of the chromium thio-spinels $\text{Fe}_{1-x}\text{Cu}_x\text{Cr}_2\text{S}_4$ studied using muon spin rotation and relaxation

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Journal of Physics Condensed Matter

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Quantum statistics for a finite number of polarons in a neutralizing background

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Buckybowl Structure of Sumanenes and Distortions of Thiophenes Induced by the Pseudo Jahn-Teller Effect

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Journal of Physics: Conference Series

Ediția 1, Vol.1148. 2018. Bristol, UK. [ISSN 17426588](https://doi.org/10.1088/1742-6596/1148/1/012001).

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Jahn-Teller vibronic coupling in CdSe doped with Cr²⁺ ions

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Disponibil online 30 August, 2023. Descarcări-0. Vizualizări-156

Magnetic and vibronic terahertz excitations in Zn-doped Fe₂Mo₃O₈

Csizi Benjamin¹, Reschke Stephan¹, Strinic A.¹, Prodan Lilian^{1,2}, Ţurcan Vladimir^{1,2}, Kezsmarki Istvan¹, Deisenhofer Joachim¹

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Physical Review B

/ 2020 / ISSN 2469-9950 /ISSNe 2469-9969

Disponibil online 24 November, 2020. Descarcări-0. Vizualizări-461

Magnetoelectric properties and low-energy excitations of multiferroic FeCr₂ S₄

Strinic A.¹, Reschke Stephan¹, Vasin K.², Schmidt Michael¹, Loidl Alois¹, Ţurcan Vladimir^{1,3}, Eremin M.², Deisenhofer Joachim¹

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Physical Review B

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Disponibil online 6 November, 2020. Descarcări-0. Vizualizări-586

Infrared-active phonons in the ferrimagnetic and multiferroic phases of FeCr₂ S₄: Evidence for structural distortions

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Physical Review B

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Multiphase competition in the quantum XY pyrochlore antiferromagnet CdYb₂Se₄: Zero and applied magnetic field study

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Physical Review B

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Manifolds of magnetic ordered states and excitations in the almost Heisenberg pyrochlore antiferromagnet MgCr₂ O₄

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Physical Review B

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Manipulation of the spin in single molecule magnets via Landau-Zener transitions

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Dipolar Spin Ice States with a Fast Monopole Hopping Rate in CdEr₂X₄ (X=Se, S)

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Physical Review Letters

13(120) / 2018 / ISSN 0031-9007

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Magnetic Field Dependence of Excitations Near Spin-Orbital Quantum Criticality

Biffin Alun¹, Ruegg Ch¹, Embs Jan Peter¹, Guidi Tatiana², Cheptiakov Denis V.¹, Loidl Alois³, Țurcan Vladimir³⁴, Coldea Radu⁵

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Physical Review Letters

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Spin and Orbital Frustration in MnSc₂S₄ and FeSc₂S₄

Fritsch Veronika¹², Hemberger Joachim¹, Buttgen Norbert¹, Scheidt Ernst Wilhelm¹, Krug Von Nidda Hans Albrecht¹, Loidl Alois¹, Țurcan Vladimir¹³

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Physical Review Letters

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Kramers trimer clusters and time-reversal symmetry

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Synthesis and properties of a meso- tris-ferrocene appended zinc(ii) porphyrin and a critical evaluation of its dye sensitised solar cell (DSSC) performance

Sîrbu Dumitru¹, Turtă Constantin², Benniston Andrew C.², Abou-Chahine Fawzi³, Lemmetyinen Helge J.³, Tkachenko Nikolai V.³, Wood Christopher J.⁴, Gibson Elizabeth⁴

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RSC Advances

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Two-dimensional magnetoexciton superposition states with Dirac cone dispersion law and quantum interference effects in optical transitions

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