

RUSSIAN JOURNAL OF INORGANIC CHEMISTRY

Pleiades
Publishing Group

Over
50
years
in the service of
science and education

Editor-in-Chief
Nikolai T. Kuznetsov

<https://pleiades.online>
<https://link.springer.com>



PLEIADES GROUP OF COMPANIES

Distributed by **SPRINGER NATURE**

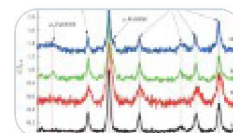


Volume 70, Issue 6
June 2025

Russian Journal of Inorganic Chemistry

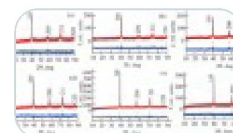
17 articles in this issue

Synthesis and Physicochemical Properties of Magnetic Fe₃O₄ Particles Doped with Gd(III)



SYNTHESIS AND PROPERTIES OF INORGANIC COMPOUNDS | 19 August 2025 | Pages: 769 - 779

Hydride Phases Based on Ta_{0.33}V_{0.67} Alloy with Components Partially Replaced by Ti and Nb



SYNTHESIS AND PROPERTIES OF INORGANIC COMPOUNDS | 19 August 2025 | Pages: 780 - 790

Synthesis, Structure, and Properties of Bismuth(III) Salts with Malonic Acid



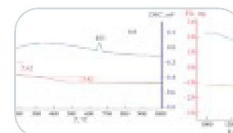
SYNTHESIS AND PROPERTIES OF INORGANIC COMPOUNDS | 19 August 2025 | Pages: 791 - 802

Formation of Layered Biocomposite as a Promising Base for Metal–Ceramic Bone Implants



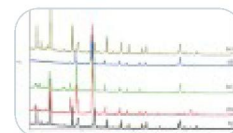
SYNTHESIS AND PROPERTIES OF INORGANIC COMPOUNDS | 19 August 2025 | Pages: 803 - 811

Synthesis of Li_{1.3}Al_{0.3}Ti_{1.7}(PO₄)₃ Solid Electrolyte from Oxalate Precursor

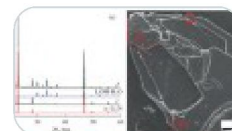


SYNTHESIS AND PROPERTIES OF INORGANIC COMPOUNDS | 19 August 2025 | Pages: 812 - 820

Synthesis and Characterization of Twin Barrel-Like Tungsten Trioxide Obtained by Hydrothermal Treatment



Study of Formation of Solid Solutions of Lithium in Iridium



SYNTHESIS AND PROPERTIES OF INORGANIC COMPOUNDS | 19 August 2025 | Pages: 833 - 840

Features of Cobalt(II) Complexation with Azaheteracyclic Ligands in the Presence of a Monohydroxy-Substituted Derivative of the *closo*-Dodecaborate Anion



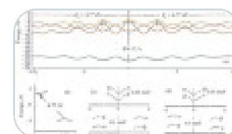
COORDINATION COMPOUNDS | 19 August 2025 | Pages: 841 - 847

Features of the Formation of Halide Complexes of Platinum Metals with Cobalt(III) Ammines



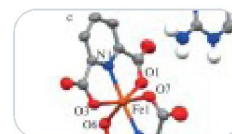
COORDINATION COMPOUNDS | 19 August 2025 | Pages: 848 - 859

Spin Properties of Chiral (7, n_2) BN Nanotubes



COORDINATION COMPOUNDS | 19 August 2025 | Pages: 860 - 867

Unveiling Iron(III) Complex: Structural Elucidation, DFT Insights, Hirshfeld Surface Analysis, and Cytotoxic Activity



COORDINATION COMPOUNDS | 21 June 2025 | Pages: 868 - 876

Effects of Terminal Halide Ions on Structures and Photoluminescence Properties of three Mercury Coordination Polymers



COORDINATION COMPOUNDS | 21 June 2025 | Pages: 877 - 887

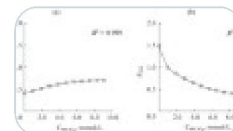
Thermal Analysis of the LiCl–LiBr–Li₂SO₄ System



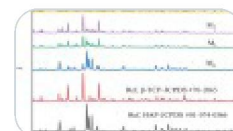
Subsolidus Phase Equilibria in Systems Ni–Mn–Ga–Sb and Ni–Mn–In–Sb



Protolytic and Complexation Properties of Some Isomeric Aromatic Amino Acids in Aqueous Solution



Influence of Silver on Formation of Biphasic Calcium Phosphates by Solution Combustion for Potential Antibacterial and Photocatalytic Applications



Morphology Control, High-Temperature Fluorescence Properties, and Their Application in Fingerprint Detection of GdPO₄·H₂O:12%Eu³⁺ Nanophosphors

