

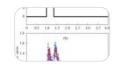
48 articles in this issue

# Quantum-Mechanical Simulation of Free Induction Decay for the Magnetic Centers on a Spherical Nanoparticle



**OriginalPaper** | 28 October 2025 | Pages: 1707 - 1713

### **Transmission of Information Using Mössbauer Photons**



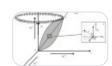
OriginalPaper | 28 October 2025 | Pages: 1714 - 1719

## Influence of the Interface on Magnetic Resonance in Films in the Fe-Bi System



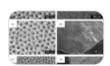
OriginalPaper | 28 October 2025 | Pages: 1720 - 1726

## Features of the Spin Wave Description of the Motion of a Symmetric Top in a Weak Magnetic Field



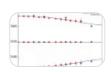
OriginalPaper | 28 October 2025 | Pages: 1727 - 1735

# Influence of Synthesis Conditions on the Photoluminescence Properties and Paramagnetic Centers of Porous Alumina Formed in Sulfuric Acid



OriginalPaper | 28 October 2025 | Pages: 1736 - 1742

# Experimental Confirmation of a New Paradigm of Spin Exchange in Dilute Solutions of Paramagnetic Particles



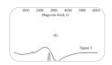
OriginalPaper | 28 October 2025 | Pages: 1743 - 1752

# Sorption and Desorption of Copper(II) Cations on Ethylenediamine Phosphonic Polyampholytes, According to EPR Data



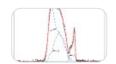
**OriginalPaper** | 28 October 2025 | Pages: 1753 - 1759

# Magnetic Resonance Signals Arising during Intensive Division of *Fagopyrum tataricum* Callus Cells and Their Orientation Behavior



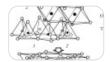
OriginalPaper | 28 October 2025 | Pages: 1760 - 1768

## W-Band EPR Study of Radicals in Calcium Gluconate



**OriginalPaper** | 28 October 2025 | Pages: 1769 - 1773

# Mössbauer Studies of Molecular Viscosity of Frozen Water Layers in Montmorillonite Pores Using <sup>57</sup>Fe Probe Atoms



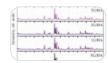
OriginalPaper | 28 October 2025 | Pages: 1774 - 1782

## A New Functional Series of Mixed-Ligand Fe(III), Ga(III), and Eu(III) β-Diketonate Complexes: Evolution of Magnetic States



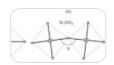
OriginalPaper | 28 October 2025 | Pages: 1783 - 1791

## Electrophysical and Biological Properties of Lithium-Doped Hydroxyapatite In Vitro



OriginalPaper | 28 October 2025 | Pages: 1792 - 1801

# Anisotropic Spin Models of Iridium Oxides: Justification by a Cluster Quantum-Chemical Approach



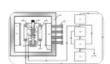
OriginalPaper | 28 October 2025 | Pages: 1802 - 1808

## Modeling of Spin Echo Signals from the Gaussian Pulse Train Using Phase Cycling



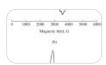
OriginalPaper | 28 October 2025 | Pages: 1809 - 1816

## Solution of the Bloch Equations in Weak Fields for Rapid Monitoring

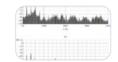


OriginalPaper | 28 October 2025 | Pages: 1817 - 1828

### **Electron Magnetic Resonance Signals in Spinal Cord Tissues of Rats**



# <u>Diagnosis and Restoration of Patients' Vocal Function Using Spectral Analysis of Voice</u> and Magnetic Resonance Imaging

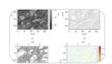


OriginalPaper | 28 October 2025 | Pages: 1837 - 1845

## The de Haas-van Alphen Effect in Two-Dimensional Metals at a Fixed Electron Density

OriginalPaper | 28 October 2025 | Pages: 1846 - 1849

# Study of the Ultrafine-Grained Copper Structure Formed by Dynamic Recrystallization by Analyzing the Etched Surface Relief



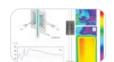
OriginalPaper | 28 October 2025 | Pages: 1850 - 1854

## Frequency-Dependent Dielectric Permittivity of Nickel-Zinc Ferrites



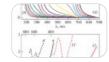
OriginalPaper | 28 October 2025 | Pages: 1855 - 1860

# Kinetics of Heterogeneous Boiling-Up of Moderately Superheated *n*-Pentane in a Glass Tube at Pressures above Atmospheric



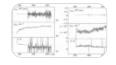
OriginalPaper | 28 October 2025 | Pages: 1861 - 1866

## Inner Filter Effect in Photoluminescence of Colloidal InP/ZnSe/ZnS Quantum Dots



OriginalPaper | 28 October 2025 | Pages: 1867 - 1873

## Modeling of Dynamic Heterogeneity of Plastic Flow in Magnesium

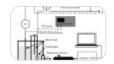


OriginalPaper | 28 October 2025 | Pages: 1874 - 1879

## Fast Breakdown Phenomena in Condensed Dielectrics under Pulsed Voltage Conditions



OriginalPaper | 28 October 2025 | Pages: 1880 - 1888



# Determination of Optimal ITO Current-Spreading Layer Parameters for LEDs Based on AllnGaN Heterostructures and Developing a Technology to Form Such Layers on *p*-GaN Surfaces



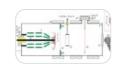
OriginalPaper | 28 October 2025 | Pages: 1896 - 1902

# Mass-to-Charge Ion Composition of Multi-Component Beam Plasma and Properties of Coatings Produced by Electron-Beam Evaporation of YSZ Ceramics Using Fore-Vacuum Electron Source



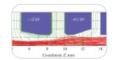
OriginalPaper | 28 October 2025 | Pages: 1903 - 1907

# High-Current Electron Gun with a Plasma Anode Based on Reflective Discharge Triggered from the Cathode



OriginalPaper | 28 October 2025 | Pages: 1908 - 1912

## Numerical Optimization of a Source of Intense Low-Energy Proton Beam Based on a Multi-Slit Four-Electrode IOS



OriginalPaper | 28 October 2025 | Pages: 1913 - 1918

## <u>Titanium K-Shell Radiation Production Using a Hybrid Z-Pinch Load at Microsecond</u> <u>Implosion Times</u>



OriginalPaper | 28 October 2025 | Pages: 1919 - 1927

# Nonlinear Diffusion of Magnetic Field in a Double-Layer Conductor with Deposited Layer of Higher Conductivity



OriginalPaper | 28 October 2025 | Pages: 1928 - 1932

# Current-Limiting Mechanisms in Gas Discharge Excited with Pulsed Voltage with Nanosecond Fronts



**OriginalPaper** | 28 October 2025 | Pages: 1933 - 1940

Comparative Study of Spots and Craters Formed during Spark Discharge in Air on Electrodes Made of Different Metals

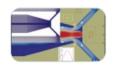


## <u>Vortex Electron Flows in Magnetically Insulated Transmission Lines of Megaampere Pulse</u> Generators with Low-Impedance Loads: Numerical Simulation



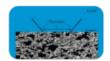
OriginalPaper | 28 October 2025 | Pages: 1948 - 1959

# **Electrical Strength Recovery in Nozzles of Arc Quenching Devices with Synchronous Gas Injection**



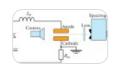
OriginalPaper | 28 October 2025 | Pages: 1960 - 1965

## Comparative Study of Electrohydraulic and Electro-Pulse Effects



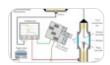
OriginalPaper | 28 October 2025 | Pages: 1966 - 1973

# High-Speed Videospectroscopy of High-Current Vacuum Arc with CuCr Electrodes and with a Pair CuCr–Mo



OriginalPaper | 28 October 2025 | Pages: 1974 - 1981

# Characterization of Bright Spots and Erosion Structures Formed on a Grounded Electrode during Nanosecond Diffuse Discharges at Both Polarities



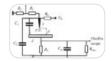
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# Kinetic Monte Carlo Simulation of the Electron Energy Distribution Function Formation in a High-Voltage Pulsed Discharge with an Extended Hollow Cathode in Argon



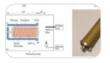
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## Trichel Pulse Mode and the Stage Preceding It during Corona Discharge



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### Ferroelectric Plasma Source for Intense Ion Beam



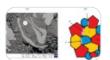
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## **Development of Insulating Material for Electric Discharge Technologies**



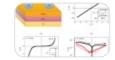
OriginalPaper | 28 October 2025 | Pages: 2009 - 2016

## Chemical Stresses at Composite Synthesis from Ti–Al–Fe–Fe<sub>2</sub>O<sub>3</sub> Powder Mixture



OriginalPaper | 28 October 2025 | Pages: 2017 - 2024

### Electrical Properties of Structures Based on Two-Dimensional Molybdenum Disulfide



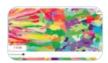
OriginalPaper | 28 October 2025 | Pages: 2025 - 2031

# <u>Luminescence of Synthetic Diamond under the Influence of an Electron Beam, Laser, and X-Ray Radiation</u>



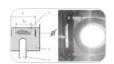
OriginalPaper | 28 October 2025 | Pages: 2032 - 2037

# Effect of Titanium and Titanium Nickelide Substrates on the Structural-Phase State and Mechanical Properties of Electron Beam Additive Manufacturing TiNi-Based Alloys



**OriginalPaper** | 28 October 2025 | Pages: 2038 - 2045

# Physical Characteristics of Tungsten Oxide and Zinc Oxide Nanoparticles Synthesized in a Liquid-Phase Plasma Discharge



OriginalPaper | 28 October 2025 | Pages: 2046 - 2051

## **Erratum to: Can Fast Blue Optical Transients be Cosmic Pevatrons?**

Erratum | Open access | 28 October 2025 | Pages: 2052 - 2052