

Ֆիզիկայի գիտահետազոտական ինստիտուտ

Նյութագիտության և նանոտեխնոլոգիաների գիտական կենտրոն
Ավագ ճարտարագետ

📖 Հրապարակումներ

Հոդված

Ultra-high selective hydrogen peroxide vapor sensor based on the Fe₂O₃/MWCNTs nanocomposite

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Հոդված

Study of a Flexible ZnO/MWCNTs Thin Film Sensor for Hydrogen Peroxide Vapor Detection by Impedance Spectroscopy

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Nanotechnology Science and Applications 2026 577983

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Հոդված

Enhanced Humidity Sensing Performance of Fe₂O₃:ZnO/MWCNTs Nanocomposite: Fabrication and Characterization

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ACS Omega 2026 31627-31638

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Հոդված

SnO₂/MWCNTs Nanostructured Material for High-Performance Acetone and Ethanol Gas Sensors

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ACS Omega 2025 7283-7294

Հոդված

Study of a Nanostructured Co-Doped SnO₂ Sensor for Hydrogen Peroxide Vapor Detection Using Impedance Spectroscopy

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ACS Omega 2025 14452 - 14465

Հոդված

Fabrication and Characterization of MWCNTs Decorated ZnO Nanograins Based Sensor for

Enhanced Performance Toward CO₂ Gas

Mikayel Aleksanyan, Artak Sayunts, Gevorg Shahkhatuni, Zarine Simonyan, Davit Kananov,
Rima Papovyan, Dušan Kopecký

Advanced Materials Interfaces 2025 2500185

*Հոդված***Influence of the Growth Parameters on RF-Sputtered CNTs and Their Temperature-Selective Application in Gas Sensors**

Mikayel Aleksanyan, Artak Sayunts, Gevorg Shahkhatuni, Zarine Simonyan, Davit Kananov,
Rima Papovyan, Dušan Kopecký

ACS Omega 2025 34733–34746

*Հոդված***Highly Sensitive Ammonia Gas Sensor Based on MWCNTs Saturated Fe₂O₃ Nanograins**

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Andranik Grigoryan, Rima Papovyan, Dušan Kopecký

Langmuir 2025 26614–26627

*Գիտաժողովի նյութ***Fabrication and Characterization of CO₂ Sensor Using ZnO Nanograins**

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G. Gevorgyan, G. Stepanyan, A. Sayunts

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