

[Magariu Nicolae](#)

6. Publicații la manifestări științifice de peste hotare

6.3. Alte publicații la manifestări științifice de peste hotare - 1

[Teze/Rezumate în culegeri - 7.](#)

2024 - 2

Gamma Radiation Sensitization of ZnO/Al₂O₃ Sensors Based on Nanoheterostructures

Lupan Cristian¹, Bîrnaz Adrian¹, Buzdugan Artur¹, Magariu Nicolae¹, Lupan Oleg^{1,2}

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MOF-Coated 3D-Printed ZnO Tetrapods as a Two-in-One Sensor for H₂ Sensing and UV Detection

Chakraborty Barnika¹, Schadte Philipp¹, Poschmann Mirjam Patricia Margarete¹, Lupan Cristian², Zadorojneac Tudor², Magariu Nicolae², Padunnappattu Ajay¹, Schutt Fabian¹, Lupan Oleg^{1,2}, Siebert Leonard¹, Stock Norbert¹, Adlung Rainer¹

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2023 - 2

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MOF-coated 3D-printed ZnO Tetrapods as a Two-in-one Sensor for H₂ Sensing and UV Detection

Chakraborty Barnika¹, Schadte Philipp¹, Poschmann Mirjam Patricia Margarete¹, Lupan Cristian², Zadorojneac Tudor², Magariu Nicolae², Padunnappattu Ajay¹, Schutt Fabian¹, Lupan Oleg^{1,2}, Siebert Leonard¹, Stock Norbert¹, Adlung Rainer¹

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2022 - 1

Nano-Heterostructured Materials - Based Sensors for Safety and Biomedical Applications

Lupan Oleg¹, Magariu Nicolae¹, Kruger Helge², Sereacov Alexandr¹, Ababii Nicolai¹, Railean Sergey¹, Zimoch Lukas², Adelung Rainer², Hansen Sandra²

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IEEE International Conference on Nanomaterials: Applications and Properties NAP 2022

Nr. 3(169) / 2015 / ISSN 1957-2294

Disponibil online 14 December, 2022. Descarcări-0. Vizualizări-322

2021 - 6

Al₂O₃/CuO non-planar heterostructures for VOCs vapors detection

Magariu Nicolae¹, Ababii Nicolai¹, Postica Vasile¹, Bodduluri Mani Teja², Lupan Oleg^{1,3}, Adelung Rainer³, Hansen Sandra³

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Electronics, Communications and Computing IC|ECCO-2021

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Magariu Nicolae¹, Ababii Nicolai¹, Postica Vasile¹, Bodduluri Mani Teja², Lupan Oleg^{1,3}, Adelung Rainer³, Hansen Sandra³

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Cercetarea heterostructurilor pe bază de oxizi semiconductori pentru monitorizarea mediului

Zadorojneac Tudor, Magariu Nicolae

Universitatea Tehnică a Moldovei

Conferința tehnico-științifică a studenților, masteranzilor și doctoranzilor

Nr. 32 / 2013 / ISSN 1857-0224 / ISSNe 1857-4432

Disponibil online 28 June, 2021. Descarcări-9. Vizualizări-393

New Vapor Deposited Dielectric Polymer Thin Films for Electronic Applications

Schröder Stefan¹, Strunskus Thomas¹, Ababii Nicolai², Lupan Oleg², Magariu Nicolae², Faupel Franz¹

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New Vapor Deposited Dielectric Polymer Thin Films for Electronic Applications

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Semiconducting Oxide - Based Micro- and Nano-Sensors for Environmental and Biomedical Monitoring

Magariu Nicolae¹, Ababii Nicolai¹, Zadorojneac Tudor¹, Kruger Helge², Bodduluri Mani Teja³, Pauporte Thierry⁴, Adelung Rainer², Hansen Sandra², Lupan Oleg¹

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IEEE International Conference on Nanomaterials: Applications and Properties NAP 2021

Nr. 3(50) / 2012 / ISSN 1810-1852 / ISSNe 1810-1879

Disponibil online 30 March, 2022. Descarcări-0. Vizualizări-435

2020 - 3



Acetone sensing properties of nanostructured copper oxide films on glass

Crețu Vasiliu¹, Ababii Nicolai¹, Postica Vasile¹, Magariu Nicolae¹, Hoppe Mathias², Verjbitchii V.¹, Shontya Viktor¹, Adelung Rainer², Lupan Oleg^{1,2}

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IFMBE Proceedings. 4th International Conference on Nanotechnologies and Biomedical Engineering

Nr. 7 / 2007 / ISSN 1814-3237 / ISSNe 1857-498X

Disponibil online 2 November, 2020. Descarcări-4. Vizualizări-629



Effects of heat treatment on palladium-doped zinc oxide on sensory selectivity

Magariu Nicolae

Technical University of Moldova

IFMBE Proceedings. 4th International Conference on Nanotechnologies and Biomedical Engineering

Nr. 7 / 2007 / ISSN 1814-3237 / ISSNe 1857-498X

Disponibil online 30 October, 2020. Descarcări-2. Vizualizări-521

Sensing studies of copper oxide-zinc oxide heterojunctions to volatile organic compounds

Zadorojneac Tudor, Ababii Nicolai, Magariu Nicolae

Technical University of Moldova

Conferința tehnico-științifică a studenților, masteranzilor și doctoranzilor

Nr. 2(4) / 2004 / ISSN 1810-3936

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2019 - 6

CuO/Cu₂O Nanostructured Films for Gas Sensors

Crețu Vasilii, Ababii Nicolai, Chistruga Alexandru, Magariu Nicolae, Postica Vasile, Lupan Oleg

Technical University of Moldova

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Nr. 3 / 2013 / ISSN 1857-2502 / ISSN_e 2537-6276

Disponibil online 3 March, 2023. Descarcări-0. Vizualizări-261

Efectele formării nano-heterojuncțiunilor non-planare a oxizilor de titan și zinc asupra selectivității senzoriale

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Conferința tehnico-științifică a studenților, masteranzilor și doctoranzilor

Nr. 1(4) / 2009 / ISSN 1857-1727 / ISSN_e 2345-1688

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Nanoheterojuncțiuni din oxid de cupru CuO/Cu₂O pentru senzori de gaze explozive și compuși volatili

Ababii Nicolai¹, Magariu Nicolae¹, Hoppe Mathias², Terasa Maik-Ivo², Postica Vasile¹, Crețu Vasilii¹

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Disponibil online 26 September, 2019. Descarcări-4. Vizualizări-852

Proprietățile fizico-chimice ale senzorilor-în baza semiconductorilor oxidici nanometrici

Magariu Nicolae, Sereacov Alexandr

Universitatea Tehnică a Moldovei

NANO- 2019: Limits of Nanoscience and Nanotechnologies

Nr. 2(10) / 2009 / ISSN 1857-0070

Disponibil online 27 January, 2020. Descarcări-4. Vizualizări-1213

Proprietățile senzoriale ale peliculelor columnare de ZnO dopate cu Eu

Lupan Cristian, Postica Vasile, Magariu Nicolae

Universitatea Tehnică a Moldovei

Conferința tehnico-științifică a studenților, masteranzilor și doctoranzilor

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Disponibil online 26 September, 2019. Descarcări-7. Vizualizări-1108

TiO₂/ZnO columnar heterostructures

Magariu Nicolae¹, Pauporte Thierry², Lupan Oleg^{1,2}

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Electronics, Communications and Computing

Nr. 3(49) / 2005 / ISSN 1024-7696 / ISSN_e 2587-4322

Disponibil online 8 November, 2019. Descarcări-1. Vizualizări-625

2016 - 1

Effect of dopant on selectivity of CuO nanostructured films - Based sensors

Crețu Vasilii¹, Postica Vasile¹, Ababii Nicolai¹, Magariu Nicolae¹, Shontya Viktor¹, Schutt Fabian², Adelung Rainer², Lupan Oleg^{1,2}

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Nr. 1 / 2009 / ISSN 1857-0437

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2005 - 1

Importanța pașaportului unui specialist - licențiat în informatică

Magariu Nicolae

Universitatea de Stat din Moldova

Calitatea formării specialiștilor în învățământul superior: strategii, forme, metode

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