

## [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/Al<sub>2</sub>O<sub>3</sub> Sensors Based on Nanoheterostructures**

*Lupan Cristian<sup>1</sup>, Bîrnaz Adrian<sup>1</sup>, Buzdugan Artur<sup>1</sup>, Magariu Nicolae<sup>1</sup>, Lupan Oleg<sup>1,2</sup>*

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<sup>2</sup> University of Kiel

#### **IFMBE Proceedings. 6th International Conference on Nanotechnologies and Biomedical Engineering**

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#### **MOF-Coated 3D-Printed ZnO Tetrapods as a Two-in-One Sensor for H<sub>2</sub> Sensing and UV Detection**

*Chakraborty Barnika<sup>1</sup>, Schadte Philipp<sup>1</sup>, Poschmann Mirjam Patricia Margarete<sup>1</sup>, Lupan Cristian<sup>2</sup>, Zadorojneac Tudor<sup>2</sup>, Magariu Nicolae<sup>2</sup>, Padunnappattu Ajay<sup>1</sup>, Schutt Fabian<sup>1</sup>, Lupan Oleg<sup>1,2</sup>, Siebert Leonard<sup>1</sup>, Stock Norbert<sup>1</sup>, Adlung Rainer<sup>1</sup>*

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### 2023 - 2

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*Lupan Cristian<sup>1</sup>, Bîrnaz Adrian<sup>1</sup>, Buzdugan Artur<sup>1</sup>, Magariu Nicolae<sup>1</sup>, Lupan Oleg<sup>1,2</sup>*

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#### **IFMBE Proceedings Nanotechnologies and Biomedical Engineering**

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## 2022 - 1

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

*Lupan Oleg<sup>1</sup>, Magariu Nicolae<sup>1</sup>, Kruger Helge<sup>2</sup>, Sereacov Alexandr<sup>1</sup>, Ababii Nicolai<sup>1</sup>, Railean Sergey<sup>1</sup>, Zimoch Lukas<sup>2</sup>, Adelung Rainer<sup>2</sup>, Hansen Sandra<sup>2</sup>*

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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-321

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## 2021 - 6

### **Al<sub>2</sub>O<sub>3</sub>/CuO non-planar heterostructures for VOCs vapors detection**

*Magariu Nicolae<sup>1</sup>, Ababii Nicolai<sup>1</sup>, Postica Vasile<sup>1</sup>, Bodduluri Mani Teja<sup>2</sup>, Lupan Oleg<sup>1,3</sup>, Adelung Rainer<sup>3</sup>, Hansen Sandra<sup>3</sup>*

<sup>1</sup> Technical University of Moldova,

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### **Electronics, Communications and Computing IC|ECCO-2021**

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### **Al<sub>2</sub>O<sub>3</sub>/CuO non-planar heterostructures for VOCs vapors detection**

*Magariu Nicolae<sup>1</sup>, Ababii Nicolai<sup>1</sup>, Postica Vasile<sup>1</sup>, Bodduluri Mani Teja<sup>2</sup>, Lupan Oleg<sup>1,3</sup>, Adelung Rainer<sup>3</sup>, Hansen Sandra<sup>3</sup>*

<sup>1</sup> Technical University of Moldova,

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### **Electronics, Communications and Computing IC|ECCO-2021**

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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-391

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### **New Vapor Deposited Dielectric Polymer Thin Films for Electronic Applications**

*Schröder Stefan<sup>1</sup>, Strunskus Thomas<sup>1</sup>, Ababii Nicolai<sup>2</sup>, Lupan Oleg<sup>2</sup>, Magariu Nicolae<sup>2</sup>, Faupel Franz<sup>1</sup>*

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

*Magariu Nicolae<sup>1</sup>, Ababii Nicolai<sup>1</sup>, Zadorojneac Tudor<sup>1</sup>, Kruger Helge<sup>2</sup>, Bodduluri Mani Teja<sup>3</sup>, Pauporte Thierry<sup>4</sup>, Adelung Rainer<sup>2</sup>, Hansen Sandra<sup>2</sup>, Lupan Oleg<sup>1</sup>*

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<sup>4</sup> Institut de Recherche de Chimie Paris

## **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-433

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## **2020 - 3**

### **Acetone sensing properties of nanostructured copper oxide films on glass**

*Crețu Vasiliu<sup>1</sup>, Ababii Nicolai<sup>1</sup>, Postica Vasile<sup>1</sup>, Magariu Nicolae<sup>1</sup>, Hoppe Mathias<sup>2</sup>, Verjbitchii V.<sup>1</sup>, Shontya Viktor<sup>1</sup>, Adelung Rainer<sup>2</sup>, Lupan Oleg<sup>1,2</sup>*

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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-628

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### **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-520

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## **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

Disponibil online 22 June, 2020. Descarcări-6. Vizualizări-796

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**2019 - 6**

**CuO/Cu<sub>2</sub>O Nanostructured Films for Gas Sensors**

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

Technical University of Moldova

**IEEE International Conference on Nanomaterials: Applications and Properties NAP 2019**

Nr. 3 / 2013 / ISSN 1857-2502 / ISSN<sub>e</sub> 2537-6276

Disponibil online 3 March, 2023. Descarcări-0. Vizualizări-254

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

Magariu Nicolae<sup>1</sup>, Ulfa Maria<sup>2</sup>, Sereacov Alexandr<sup>1</sup>

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<sup>2</sup> PSL Research University, Chimie ParisTech - CNRS, Institut de Recherche de Chimie Paris

**Conferința tehnico-științifică a studenților, masteranzilor și doctoranzilor**

Nr. 1(4) / 2009 / ISSN 1857-1727 / ISSN<sub>e</sub> 2345-1688

Disponibil online 26 September, 2019. Descarcări-4. Vizualizări-570

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**Nanoheterojoncțiuni din oxid de cupru CuO/Cu<sub>2</sub>O pentru senzori de gaze explozive și compuși volatili**

Ababii Nicolai<sup>1</sup>, Magariu Nicolae<sup>1</sup>, Hoppe Mathias<sup>2</sup>, Terasa Maik-Ivo<sup>2</sup>, Postica Vasile<sup>1</sup>, Crețu Vasilii<sup>1</sup>

<sup>1</sup> Universitatea Tehnică a Moldovei,

<sup>2</sup> University of Kiel

**Conferința tehnico-științifică a studenților, masteranzilor și doctoranzilor**

Nr. 1(4) / 2009 / ISSN 1857-1727 / ISSN<sub>e</sub> 2345-1688

Disponibil online 26 September, 2019. Descarcări-4. Vizualizări-851

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**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-1209

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**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-1106

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## **TiO<sub>2</sub>/ZnO columnar heterostructures**

*Magariu Nicolae<sup>1</sup>, Pauporte Thierry<sup>2</sup>, Lupan Oleg<sup>1,2</sup>*

<sup>1</sup> Technical University of Moldova,

<sup>2</sup> PSL Research University, Chimie ParisTech - CNRS, Institut de Recherche de Chimie Paris

## **Electronics, Communications and Computing**

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Disponibil online 8 November, 2019. Descarcări-1. Vizualizări-617

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## **2016 - 1**

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

*Crețu Vasilii<sup>1</sup>, Postica Vasile<sup>1</sup>, Ababii Nicolai<sup>1</sup>, Magariu Nicolae<sup>1</sup>, Shontya Viktor<sup>1</sup>, Schutt Fabian<sup>2</sup>, Adelung Rainer<sup>2</sup>, Lupan Oleg<sup>1,2</sup>*

<sup>1</sup> Technical University of Moldova,

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### **IFMBE Proceedings 3rd International Conference on Nanotechnologies and Biomedical Engineering, ICNBME 2015**

Nr. 1 / 2009 / ISSN 1857-0437

Disponibil online 4 August, 2022. Descarcări-0. Vizualizări-394

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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**

Nr. 2(0) / 2010 / ISSN 1857-0003 / ISSNe 2587-3202

Disponibil online 10 August, 2019. Descarcări-1. Vizualizări-529

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