

## [Magariu Nicolae](#)

3. Articole în reviste din RM

3.1. Articole în reviste științifice din RM (perioada în care au avut categorie de clasificare + 2 numere până la aprobarea statutului de publicație științifică)

3.1.2. Articole în reviste de cat. B+ - 2

**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>*

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

<sup>2</sup> University of Kiel

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

Nr. 3(303) / 2017 / ISSN 2587-4365 / ISSN<sub>e</sub> 2587-4373

Disponibil online 10 October, 2023. Descarcări-0. Vizualizări-234

---

#### **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>, Adelung Rainer<sup>1</sup>*

<sup>1</sup> University of Kiel,

<sup>2</sup> Technical University of Moldova

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

Nr. 3(303) / 2017 / ISSN 2587-4365 / ISSN<sub>e</sub> 2587-4373

Disponibil online 9 October, 2023. Descarcări-0. Vizualizări-194

---

### **2023 - 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>*

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

<sup>2</sup> University of Kiel

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

Nr. 3(82) / 2016 / ISSN 1024-7696 / ISSN<sub>e</sub> 2587-4322

Disponibil online 11 October, 2023. Descarcări-1. Vizualizări-200

---

#### **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>, Adelung Rainer<sup>1</sup>*

<sup>1</sup> University of Kiel,

<sup>2</sup> Technical University of Moldova

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

Nr. 3(82) / 2016 / ISSN 1024-7696 / ISSNe 2587-4322

Disponibil online 11 October, 2023. Descarcări-1. Vizualizări-179

---

### **2020 - 2**

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

*Crețu Vasilii<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>*

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

<sup>2</sup> University of Kiel

#### **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

---

#### **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

---

### **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,

<sup>2</sup> Institute for Material Science, Christian-Albrechts-University of Kiel

#### **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

---



Copyright © 2011-2024 Instrumentul Bibliometric Național.

Institutul de Dezvoltare a Societății Informaționale.

Actualizat: 28.06.2024, accesat: 29.06.2024

Disponibil: <https://ibn.idsi.md>

