

## Trofim Viorel

6. Publicații la manifestări științifice de peste hotare  
6.2. Publicații la manifestări științifice indexate în Scopus - 3  
**Teze/Rezumate în culegeri - 9.**

### 2016 - 2



#### **Gas sensor performances of $\alpha$ -MoO<sub>3</sub> belts nanostructured with Pd**

*Crețu Vasilii, Postica Vasile, Ababii Nicolai, Trofim Viorel, Railean Sergey, Lupan Oleg*  
Technical University of Moldova

#### **Health Technology Management 3rd International Conference**

Nr. 1(43) / 2009 / ISSN 1810-9551

Disponibil online 2 April, 2019. Descarcări-10. Vizualizări-831

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#### **Synthesis and properties of CuO:Fe nanocrystalline films**

*Ababii Nicolai, Postica Vasile, Trofim Viorel, Railean Sergey, Shontya Viktor, Lupan Oleg*  
Technical University of Moldova

#### **Materials Science and Condensed Matter Physics**

Nr. 3(4) / 2005 / ISSN 1810-648X / ISSN<sub>e</sub> 2537-6365

Disponibil online 2 August, 2019. Descarcări-7. Vizualizări-770

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### 2015 - 1

#### **Hydrogen gas sensor based on nanograined Pd/ $\alpha$ -MoO<sub>3</sub> belts**

*Crețu Vasilii<sup>1</sup>, Postica Vasile<sup>1</sup>, Stoianov D.<sup>1</sup>, Trofim Viorel<sup>1</sup>, Shontya Viktor<sup>1</sup>, Lupan Oleg<sup>1,2</sup>*

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#### **Nanotechnologies and Biomedical Engineering**

Nr. 1(307) / 2009 / ISSN 1857-064X

Disponibil online 13 April, 2019. Descarcări-0. Vizualizări-621

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### 2014 - 1

#### **UV photodetector based on Ag-doped ZnO nanostructured films**

*Postica Vasile, Crețu Vasilii, Trofim Viorel, Railean Sergey, Shontya Viktor, Lupan Oleg*  
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#### **Materials Science and Condensed Matter Physics**

Nr. 3(21) / 2005 / ISSN 1810-9551

Disponibil online 11 March, 2019. Descarcări-5. Vizualizări-764

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### 2013 - 2



#### **Enhancement of Zn<sub>1-x</sub>Cd<sub>x</sub>O nanowires sensor performance through Cd-doping**

*Lupan Oleg<sup>1,2,3</sup>, Crețu Vasilii<sup>1</sup>, Trofim Viorel<sup>1</sup>, Shontya Viktor<sup>1</sup>, Pauporte Thierry<sup>3</sup>, Chow Lee<sup>2</sup>*

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

<sup>2</sup> University of Central Florida,

<sup>3</sup> Laboratoire d'Electrochimie, Chimie des Interfaces et Modélisation pour l'Energie (LECIME)

## **Nanotechnologies and Biomedical Engineering**

Nr. 1(29) / 2005 / ISSN 1810-6455

Disponibil online 19 June, 2019. Descarcări-0. Vizualizări-687

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## **Properties of MoO nanostructures grown via thermal oxidation**

*Trofim Viorel<sup>1</sup>, Crețu Vasilii<sup>1</sup>, Lupan Oleg<sup>1</sup>, Stamov Ivan<sup>2</sup>, Syrbu Nicolae<sup>1</sup>, Zalamai Victor<sup>3</sup>, Chow Lee<sup>4</sup>*

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