

## Tiuleanu Dumitru

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)

3.1.3. Articole în reviste de cat. B - 1

Teze/Rezumate în culegeri - 8.

### 2021 - 1

#### **Involvement of Contact and Surface Phenomena in Nanolayered Amorphous Te Films for Toxic gas Detection at Room Temperature**

*Tsiulyanu Dumitru<sup>1</sup>, Mocreac Olga<sup>1</sup>, Braniste Tudor<sup>2</sup>*

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

<sup>2</sup> National Center for Materials Study and Testing, Technical University of Moldova

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

Nr. 9(1) / 2012 / ISSN 1857-4114 / ISSNe 2537-6438

Disponibil online 18 November, 2021. Descarcări-3. Vizualizări-383

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### 2019 - 1

#### **Characterization of gas sensitive nanostructured tellurium films**

*Tsiulyanu Dumitru<sup>1</sup>, Sidorenko Anatolie<sup>2</sup>, Ciobanu M.<sup>1</sup>, Mocreac Olga<sup>1</sup>*

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

<sup>2</sup> Institute of the Electronic Engineering and Nanotechnologies "D. Ghitu"

#### **NANO- 2019: Limits of Nanoscience and Nanotechnologies**

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

Disponibil online 27 January, 2020. Descarcări-14. Vizualizări-1386

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### 2018 - 1

#### **Optical monitoring of solid electrolytes formation in quaternary alloys Ag: AsS<sub>3</sub>-GeS<sub>4</sub> and their analysis**

*Tsiulyanu Dumitru, Ciobanu Mihai, Stratan Ion*

Technical University of Moldova

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

Nr. 4(64) / 2008 / ISSN 1810-9136

Disponibil online 12 February, 2019. Descarcări-4. Vizualizări-1159

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### 2017 - 1

#### **Characterization of gas sensitive chalcogenide films by impedance spectroscopy**

*Tsiulyanu Dumitru*

Technical University of Moldova

#### **Microelectronics and Computer Science**

// ISSN -

Disponibil online 1 November, 2017. Descarcări-2. Vizualizări-560

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## 2016 - 2

### **Charge transport mechanisms in quaternary glassy S -Te based thin films**

*Ciobanu M., Tsiulyanu Dumitru*

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 19 July, 2019. Descarcări-3. Vizualizări-710

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### **The image formation by photo - reaction of Ag or Al with glassy chalcogenides: mechanisms and application**

*Tsiulyanu Dumitru*

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 7 August, 2019. Descarcări-2. Vizualizări-864

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## 2015 - 2

### **Electroconductibilitatea peliculelor subțiri de calcogenuri in bază de telur cu contacte din Au și Ag**

*Ciobanu Mihai, Țiuleanu Dumitru*

Universitatea Tehnică a Moldovei

### **Telecommunications, Electronics and Informatics**

Nr. 4(4) / 2005 / ISSN 1857-0011

Disponibil online 22 May, 2018. Descarcări-10. Vizualizări-632

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### **Impedance characterization of gas sensitive S - Te based quaternary chalcogenides**

*Tsiulyanu Dumitru, Ciobanu Marina*

Technical University of Moldova

### **Nanotechnologies and Biomedical Engineering**

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

Disponibil online 13 April, 2019. Descarcări-0. Vizualizări-642

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## 2014 - 1

### **Particularitățile contactului AG / AS6 TE130 S7 la tratarea termică**

*Ciobanu Marina, Țiuleanu Dumitru*

Universitatea Tehnică a Moldovei

### **Conferința Tehnico-Științifică a Colaboratorilor, Doctoranzilor și Studenților consacrată celei de-a 50-a Aniversări a U.T.M.**

Nr. II / 2013 / ISSN 2435-1114

Disponibil online 17 May, 2023. Descarcări-0. Vizualizări-256

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**2013 - 1**



**Evidence for the concentration induced extinction of gas sensitivity in amorphous and nanostructured Te thin films**

*Tsiulyanu Dumitru<sup>1</sup>, Mocreac Olga<sup>1</sup>, Enachi Mihail<sup>1</sup>, Volodina Galina<sup>2</sup>*

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**Nanotechnologies and Biomedical Engineering**

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

Disponibil online 18 June, 2019. Descarcări-0. Vizualizări-632

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**2012 - 1**

**Gas sensing characterization of tellurium thin films by kelvin probe technique**

*Tsiulyanu Dumitru<sup>1</sup>, Marian Svetlana<sup>2</sup>, Mocreac Olga<sup>1</sup>*

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

<sup>2</sup> Daimler AG

**Materials Science and Condensed Matter Physics**

Nr. 2(17) / 2006 / ISSN 1810-1852 / ISSNe 1810-1879

Disponibil online 19 March, 2020. Descarcări-1. Vizualizări-580

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**2011 - 1**

**Effect of harmful gases on the A.C. conductivity of tellurium thin films**

*Tsiulyanu Dumitru, Mocreac Olga*

Technical University of Moldova

**Nanotechnologies and Biomedical Engineering**

Nr. 2-3(37) / 2006 / ISSN 1810-6455

Disponibil online 18 July, 2019. Descarcări-1. Vizualizări-691

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**2009 - 1**

**Effect of temperature on the photodissolution of silver in arsenic threesulphide**

*Tsiulyanu Dumitru, Stratan Ion*

Technical University of Moldova

**Microelectronics and Computer ScienceThe 6th International Conference**

Nr. 4(98) / 2016 / ISSN 1810-9136

Disponibil online 10 July, 2023. Descarcări-0. Vizualizări-194

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