

## Rusu Marin

### 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)

3.1.5. Articole în reviste științifice din RM (până în 2009) - 4

**Teze/Rezumate în culegeri - 9.**

## 2023 - 1

### **Particularități structurale ale filmelor ZnSnN<sub>2</sub>**

*Ghilețchii Gheorghe, Narolschi Igor, Rotaru Corneliu, Rusu Marin, Vatavu Sergiu*

Universitatea de Stat din Moldova

### **Integrare prin cercetare și inovare. Științe ale naturii și exacte**

Nr. 12(304) / 2015 / ISSN 1220-4935

Disponibil online 3 April, 2024. Descarcări-0. Vizualizări-98

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## 2022 - 1

### **Structura și morfologia straturilor nanometrice de ZnSnN<sub>2</sub> preparate prin magnetron sputtering**

*Narolschi Igor, Ghilețchii Gheorghe, Cliucanov Alexandr, Rotaru Corneliu, Spoială Dorin, Vatavu-Cuculescu Elmira, Șapoval Oleg, Belenciuc Alexandr, Dmitroglu Liliana, Bercu Elena, Rusu Marin, Vatavu Sergiu*

Universitatea de Stat din Moldova

### **Integrare prin cercetare și inovare. Științe ale naturii și exacte**

Nr. 5/3(293) / 2016 / ISSN 2587-4365 / ISSN<sub>e</sub> 2587-4373

Disponibil online 8 February, 2023. Descarcări-12. Vizualizări-285

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## 2018 - 1

### **Preparation of an intermediate layer between ITO AND Si in ITO/n-Si based solar cells**

*Simashkevich Aleksey<sup>1</sup>, Bruc Leonid<sup>1</sup>, Curmei Nicolai<sup>1</sup>, Sherban Dormidont<sup>1</sup>, Rusu Marin<sup>2</sup>, Thogersen Annett<sup>3</sup>, Ulyashin Alexander G.<sup>3</sup>*

<sup>1</sup> Institute of Applied Physics,

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<sup>3</sup> Sintef- Stiftelsen For Industriell Og Teknisk Forskning Ved Norges Tekniske Hogskole

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

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

Disponibil online 15 February, 2019. Descarcări-10. Vizualizări-752

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## 2016 - 3

### **Application of high-frequency non-reactive magnetron sputtering for obtaining photovoltaic (PV) devices**

*Zakhvalinskii Vasilii<sup>1</sup>, Pilyuk E.<sup>1</sup>, Goncharov I.<sup>1</sup>, Tham Hong Nguyen Thi<sup>1</sup>, Simashkevich Aleksey<sup>2</sup>, Sherban Dormidont<sup>2</sup>, Bruc Leonid<sup>2</sup>, Rusu Marin<sup>23</sup>*

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<sup>3</sup> Helmholtz-Centre Berlin for Materials and Energy

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

Nr. 3(4) / 2005 / ISSN 1810-648X / ISSNe 2537-6365

Disponibil online 2 August, 2019. Descarcări-2. Vizualizări-862

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### **CuInSe2 nanostructures for hybrid photovoltaics**

*Vatavu Sergiu<sup>12</sup>, von Morze Natascha<sup>1</sup>, Wiesner Sven<sup>1</sup>, Hinrichs Volker<sup>1</sup>, Lux-Steiner Martha Ch. H.<sup>1</sup>, Rusu Marin<sup>12</sup>*

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

Nr. 3(4) / 2005 / ISSN 1810-648X / ISSNe 2537-6365

Disponibil online 2 August, 2019. Descarcări-1. Vizualizări-1104

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### **Effect of annealing on the composition of CZTSSe thin films obtained by spray pyrolysis**

*Dermeji Lazari<sup>1</sup>, Curmei Nicolai<sup>1</sup>, Guk Maxim<sup>12</sup>, Gurieva Galina<sup>13</sup>, Rusu Marin<sup>34</sup>, Fedorov Vladimir<sup>4</sup>, Bruc Leonid<sup>1</sup>*

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

Nr. 3(4) / 2005 / ISSN 1810-648X / ISSNe 2537-6365

Disponibil online 30 July, 2019. Descarcări-1. Vizualizări-925

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## **2014 - 3**

### **Charge separation at interfaces between excitonic and conventional materials of hybrid photovoltaic devices**

*Rusu Marin*

Helmholtz-Centre Berlin for Materials and Energy

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

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

Disponibil online 24 February, 2019. Descarcări-1. Vizualizări-811

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### **Silicon carbide nanolayers in photovoltaic structures based on silicon**

*Zakhvalinskii Vasilii<sup>1</sup>, Pilyuk E.<sup>1</sup>, Goncharov I.<sup>1</sup>, Simashkevich Aleksey<sup>2</sup>, Sherban Dormidont<sup>2</sup>, Bruc Leonid<sup>2</sup>, Curmei Nicolai<sup>2</sup>, Rusu Marin<sup>2</sup>*

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

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

Disponibil online 15 March, 2019. Descarcări-0. Vizualizări-762

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### **Silicon nitride nanolayers for MIS/IL solar cells**

Zakhvalinskii Vasili<sup>1</sup>, Pilyuk E.<sup>1</sup>, Goncharov I.<sup>1</sup>, Rodrigues V.<sup>1</sup>, Simashkevich Aleksey<sup>2</sup>, Sherban Dormidont<sup>2</sup>, Bruc Leonid<sup>2</sup>, Curmei Nicolai<sup>2</sup>, Rusu Marin<sup>23</sup>

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

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

Disponibil online 16 March, 2019. Descarcări-1. Vizualizări-797

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## **2013 - 1**

### **The investigation of TCO/CdS/CdTe heterojunctions by C-U and C-f measurements: Experiment and modeling**

Rotaru Corneliu<sup>1</sup>, Vatavu Sergiu<sup>12</sup>, Fedorov Vladimir<sup>1</sup>, Gashin Peter A.<sup>1</sup>, Lux-Steiner Martha Ch. H.<sup>3</sup>, Ferekides Christos S.<sup>2</sup>, Rusu Marin<sup>12</sup>

<sup>1</sup> Moldova State University,

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

<sup>3</sup> Helmholtz-Zentrum Berlin für Materialien und Energie

### **IEEE Photovoltaic Specialists Conference (PVSC)**

Nr. 2(25) / 2016 / ISSN 1857-0240 / ISSNe 2537-6330

Disponibil online 12 June, 2023. Descarcări-0. Vizualizări-200

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## **2012 - 2**

### **CPPP 37 P The structure of ITO thin films obtained by spray technology**

Sherban Dormidont<sup>1</sup>, Simashkevich Aleksey<sup>1</sup>, Rusu Marin<sup>12</sup>, Bruc Leonid<sup>1</sup>

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

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

Disponibil online 20 March, 2020. Descarcări-1. Vizualizări-621

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### **Refinement of interfaces in organic solar cells**

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Helmholtz Zentrum Berlin

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

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

Disponibil online 25 March, 2020. Descarcări-0. Vizualizări-659

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