

## **Lista publicațiilor: Iovu Maria (12), Descărcări - 2, Vizualizări - 1385**

**Publicații indexate în SCOPUS - 12 articole.**

### **2024 - 1**

1. Iovu, Maria. Cojocaru, Ion. Академик Андрей Андриеш – основатель школы физики аморфных полупроводников в Молдове. *Электронная обработка материалов*. 2024, nr. 1, 124-126. ISSN 0013-5739, ISSNе 2345-1718.

### **2011 - 1**

2. Iovu, Mihail. Benea, Vasile. Colomeico, Eduard. Iovu, Maria. Cojocaru, Ion. Spotiuc, Oleg. Golovchak, Roman. On the compositional dependence of refractive index in amorphous Ge xAs xSe 1-2x films. *Journal of Optoelectronics and Advanced Materials*. 2011, nr. , 1417-1422. ISSN 1454-4164.

### **2010 - 1**

3. Benea, Vasile. Iovu, Mihail. Colomeico, Eduard. Iovu, Maria. Cojocaru, Ion. Spotiuc, Oleg. Optical properties of GexAsxSe1-2x glasses. *Proceedings of SPIE - The International Society for Optical Engineering*. Ediția 5, Vol.7821. 2010. Bellingham, Washington. SPIE. 1-7.

### **2009 - 2**

4. Iovu, Maria. Iovu, Mihail. Vasiliev, Ion. Harea, Diana. Cojocaru, Ion. Colomeico, Eduard. Spotiuc, Oleg. Optical absorption and photoconductivity of As<sub>2</sub>Se<sub>3</sub>:Sn and Sb<sub>2</sub>Se<sub>3</sub>:Sn thin film structures. *Proceedings of SPIE - The International Society for Optical Engineering*. Ediția 4, Vol.7297. 2009. Bellingham, Washington. SPIE. 1-5.
5. Harea, Diana. Iovu, Maria. Iaseniuc, Oxana. Colomeico, Eduard. Meşalchin, Alexei. Iovu, Mihail. Modification of the optical constants in amorphous Sb<sub>2</sub>Se<sub>3</sub>:Sn thin films under the illumination and heat treatment. *Journal of Optoelectronics and Advanced Materials*. 2009, nr. , 2039-2043. ISSN 1454-4164.

### **2007 - 2**

6. Iovu, Mihail. Harea, Diana. Colomeico, Eduard. Iovu, Maria. Ciorbă, Valeriu. Modification of refractive index in amorphous As-Se films induced by composition and illumination. *Proceedings of SPIE - The International Society for Optical Engineering*. Ediția 8, Vol.6785. 2007. Bellingham, Washington. SPIE. 1-7.
7. Iovu, Maria. Iovu, Mihail. Harea, Diana. Colomeico, Eduard. Ciorbă, Valeriu. Light induced phenomena in amorphous As<sub>100-x</sub>Se<sub>x</sub> and As<sub>40</sub>Se<sub>60</sub>:Sn thin films. *Proceedings of SPIE - The International Society for Optical Engineering*. Ediția 3, Vol.6635. 2007. Bellingham, Washington. SPIE. 1-8.

## 2005 - 2

8. Iovu, Maria. Harea, Diana. Vasiliev, Ion. Colomeico, Eduard. Iovu, Mihail. Transient photocurrent in  $\alpha$ -As<sub>2</sub>Se<sub>3</sub> thin films with optical bias. *Proceedings of SPIE - The International Society for Optical Engineering*. Ediția 2, Vol.5972. 2005. Bellingham, Washington. Cavallioti. 1-8.
9. Iovu, Mihail. Ciorbă, Valeriu. Colomeico, Eduard. Iovu, Maria. Nastase, A.. Prisacari, A.. Popescu, Mihai A.. Spotiuc, Oleg. Optical photoinduced phenomena and holographic recording in amorphous As-Se thin films. *Journal of Optoelectronics and Advanced Materials*. 2005, nr. , 2333-2339. ISSN 1454-4164.

## 2003 - 2

10. Iovu, Maria. Iovu, Mihail. Shutov, Serghei. Photoconductivity of amorphous As<sub>2</sub>S<sub>3</sub>-Sb<sub>2</sub>S<sub>3</sub> thin films. *Proceedings of SPIE - The International Society for Optical Engineering*. Ediția 1, Vol.5227. 2003. Bellingham, Washington. Cavallioti. 274-281.
11. Iovu, Maria. Iovu, Mihail. Colomeico, Eduard. Photoconductivity relaxation in amorphous As-Se thin films doped with Sn, Mn, Sm and Dy. *Journal of Optoelectronics and Advanced Materials*. 2003, nr. , 1209-1214. ISSN 1454-4164.

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