

Iovu Maria

Articole în reviste din RM - 5. Publicații la conferințe din RM - 2. Publicații peste hotare - 13.
Publicații indexate în SCOPUS - 6. Teze/Rezumate în culegeri - 3.

2024 - 1

Академик Андрей Андриеш - основатель школы физики аморфных полупроводников в Молдове

Iovu M., Кожокару И.

Институт прикладной физики, ГУМ

Электронная обработка материалов

Vol. 60, Nr. 1 / 2024 / ISSN 0013-5739 / ISSNе 2345-1718

Disponibil online 26 March, 2024. Descarcări-0. Vizualizări-95

2012 - 1

Photosensible nanocomposites pepc/ana-ch: preparation technique and some optical properties

Bordian Olga¹, Verlan Victor¹, Iovu Maria¹, Culeac Ion¹, Popushoi Ana², Barba Nicanor²

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Moldavian Journal of the Physical Sciences

Nr. 4(11) / 2012 / ISSN 1810-648X / ISSNе 2537-6365

Disponibil online 30 November, 2013. Descarcări-7. Vizualizări-1426

2011 - 4

New optical materials based on chalcogenide glasses

Iovu M., Benea Vasile, Cojocaru Ion, Kolomeyko Eduard, Tăzlăvan Victor, Iovu Maria

Institute of Applied Physics, Academy of Sciences of Moldova

Annual Congress of the American Romanian Academy of Arts and Sciences. Proceedings of the 35th ARA Congress

Nr. 4(34) / 2017 / ISSN 0882-4096

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New optical materials based on chalcogenide glasses

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On the compositional dependence of refractive index in amorphous Ge xAs xSe 1-2x films



Yovu M.¹, Benea Vasile¹, Kolomeyko Eduard¹, Iovu Maria¹, Cojocaru Ion¹, Shpotyuk Oleh¹, Golovchak Roman²

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Journal of Optoelectronics and Advanced Materials

Vol. 13, / 2011 / ISSN 1454-4164

Disponibil online 27 February, 2024. Descarcări-0. Vizualizări-104

The dependence of optical parameters on composition in the GexAsxSe1-2x glassy system

Benea Vasile, Iovu Maria, Cojocaru Ion, Yovu M., Kolomeyko Eduard, Tăzlăvan Victor

Institute of Applied Physics, Academy of Sciences of Moldova

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CPPP 3 P The dependence of optical parameters on composition in GexAsxSe1-2x glassy system

Benea Vasile, Yovu M., Kolomeyko Eduard, Iovu Maria, Cojocaru Ion, Tăzlăvan Victor

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Materials Science and Condensed Matter Physics

Nr. 16(29) / 2012 / ISSN 1857-0054

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MSP 30P Post-technological structural modification route for network glass-forming systems

Shpotyuk M.¹, Shpotyuk O.¹, Kovalskyy A.², Iovu Maria³, Andriesh Andrei³

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Materials Science and Condensed Matter Physics

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Disponibil online 15 April, 2021. Descarcări-0. Vizualizări-351

MSP 6P The study of some luminescent materials on the basis of organic copolymers grafted with isothiocyanothalcones and phthalocyanine derivatives

Robu Stephan V.^{1,2}, Dragalina Galina¹, Popushoi Ana¹, Mitcov Dmitri¹, Barba Nicanor¹, Andriesh Andrei², Culeac Ion², Iovu Maria², Nistor Yu.²

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Materials Science and Condensed Matter Physics

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Optical properties of GexAsxSe1-2x glasses 

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Proceedings of SPIE - The International Society for Optical Engineering

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Chalcogenide glasses as materials for ir fibers

Andriesh Andrei¹, Iovu Maria¹, Shpotyuk Oleh², Culeac Ion¹

¹ Institute of Applied Physics, Academy of Sciences of Moldova,

² Scientific Research Company „CARAT”, Livov. Ukraine

ICT plus “Information and Communication Technologies - 2009”

Nr. 5(151) / 2013 / ISSN 1811-0770 / ISSNe 2587-411X

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Light Induced Modification of the Refractive Index of Sb₂Se₃:Sn Thin Films

Iovu Maria, Harea Diana, Iaseniuc Oxana, Kolomeyko Eduard, Meshalkin Alexei, Yovu M.

Institute of Applied Physics

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

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Modification of the optical constants in amorphous Sb₂Se₃:Sn thin films under the illumination and heat treatment

Harea Diana, Iovu Maria, Iaseniuc Oxana, Kolomeyko Eduard, Meshalkin Alexei, Yovu M.

Institute of Applied Physics, Academy of Sciences of Moldova

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Optical absorption and photoconductivity of As₂Se₃:Sn and Sb₂Se₃:Sn thin film structures

Iovu Maria¹, Yovu M.¹, Vasiliev Ion¹, Harea Diana¹, Cojocaru Ion¹, Kolomeyko Eduard¹, Shpotyuk Oleh²

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Proceedings of SPIE - The International Society for Optical Engineering

Nr. 2(74) / 2017 / ISSN 1561-4042 / ISSNe 2587-4330

Disponibil online 1 December, 2023. Descarcări-0. Vizualizări-165

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The scientific school of academician A.M. Andriesh

Iovu Maria

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Nr. 4(7) / 2008 / ISSN 1810-648X / ISSN_e 2537-6365

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Light induced phenomena in amorphous As_{100-x}Se_x and As₄₀Se₆₀:Sn thin films

Iovu Maria, Yovu M., Harea Diana, Kolomeyko Eduard, Ciorbă Valeriu

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Modification of refractive index in amorphous As-Se films induced by composition and illumination

Yovu M., Harea Diana, Kolomeyko Eduard, Iovu Maria, Ciorbă Valeriu

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Disponibil online 4 December, 2023. Descarcări-0. Vizualizări-134

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Optical photoinduced phenomena and holographic recording in amorphous As-Se thin films

Yovu M.¹, Ciorbă Valeriu¹, Kolomeyko Eduard¹, Iovu Maria¹, Nastase A.¹, Prisacari A.¹, Popescu Mihai A.², Shpotyuk Oleh³

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Vol. 7, / 2005 / ISSN 1454-4164

Disponibil online 23 February, 2024. Descarcări-0. Vizualizări-70

Transient photocurrent in α -As₂Se₃ thin films with optical bias

Iovu Maria, Harea Diana, Vasiliev Ion, Kolomeyko Eduard, Yovu M.

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2003 - 3

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Iovu Maria, Yovu M., Shutov Serghei

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Iovu Maria, Yovu M., Kolomeyko Eduard

Center of Optoelectronics

Journal of Optoelectronics and Advanced Materials

Vol. 5, / 2003 / ISSN 1454-4164

Disponibil online 22 February, 2024. Descarcări-0. Vizualizări-103

Semiconductoare necristaline pentru tehnologii optoelectronice avansate

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Fizica și Tehnologiile Moderne

Nr. 3(3) / 2003 / ISSN 1810-6498 / ISSN_e 2537-6349

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2001 - 1

Photoconductivity and transport properties of As-Se thin films

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Vol. 3, / 2001 / ISSN 1454-4164

Disponibil online 22 February, 2024. Descarcări-0. Vizualizări-75



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