

Afisarea articolelor -19-0(23) pentru cuvântul-cheie "Crystal impurities"

Photocapacitance relaxation in amorphous As₂Se₃ and As₂Se₃: Sn films

Vasiliev Ion, Iovu Mihail, Mirovițkii Vadim, Colomeico Eduard, Harea Diana

Institute of Applied Physics, Academy of Sciences of Moldova

Proceedings of the International Semiconductor Conference

Vol. 1, Ediția 28. 2005. New Jersey. [ISBN 0780392140, 978-078039214-4](#).

Disponibil online 22 November, 2023. Descarcări-0. Vizualizări-189

Mössbauer spectroscopy evidence of intrinsic non-stoichiometry in iron telluride single crystals

Kiiamov Airat¹, Lysogorskiy Y.¹, Vagizov Farit¹, Tagirov Lenar^{1,2}, Tayurskii Dmitrii¹, Croitori Dorina³, Țurcan Vladimir^{3,4}, Loidl Alois⁴

¹ Kazan Federal University,

³ Institute of Applied Physics, Academy of Sciences of Moldova,

⁴ University of Augsburg

Annalen der Physik

/ 2017 / ISSN 0003-3804 /ISSNe 1521-3889

Disponibil online 30 May, 2022. Descarcări-0. Vizualizări-414

Photoluminescence study of α -ZnAl₂S₄ single crystals

Ursachi Veaceslav, Boldurescu V., Burlacov Igor, Sîrbu Nicolae, Nyari Terezia

Institute of Applied Physics, Academy of Sciences of Moldova

Proceedings of the International Semiconductor Conference

Vol. 1. 2000. New Jersey. [DOI 10.1109/SMICND.2000](#).

Disponibil online 29 November, 2023. Descarcări-0. Vizualizări-120

Characterization of freestanding semi-insulating Fe-doped GaN by photoluminescence and electromodulation spectroscopy

Dumcenco Dumitru^{1,2}, Levenco Sergiu^{1,2}, Huang Ying-Sheng¹, Reynolds Jr. C. Lewis³, Reynolds Judith G.³, Tiong Kwong-Kaw⁴, Paskova Tanya M.^{3,5}, Evans Keith R.⁵

² Institute of Applied Physics, Academy of Sciences of Moldova,

³ University of North Carolina,

⁴ National Taiwan Ocean University, Keelung,

Journal of Applied Physics

/ 2011 / ISSN 0021-8979 /ISSNe 1089-7550

Disponibil online 7 November, 2023. Descarcări-0. Vizualizări-149

Optical properties of p -GaSe single crystals doped with Te

Evtodiev Igor¹, Leontie Liviu², Caraman Mihail³, Stamate Marius D.³, Aramă Efim⁴

¹ Moldova State University,

² Alexandru Ioan Cuza University of Iași,

³ University of Bacau,

⁴ "Nicolae Testemițanu" State University of Medicine and Pharmacy

Journal of Applied Physics

/ 2009 / ISSN 0021-8979 /ISSNe 1089-7550

Disponibil online 6 November, 2023. Descarcări-0. Vizualizări-140

Interaction of intrinsic defects with impurities in Al doped ZnSe single crystals

Ivanova Galina¹, Nedeoglo Dumitru¹, Negeoglo N.¹, Sirkeli Vadim¹, Tighineanu Ion², Ursachi Veaceslav²

¹ Moldova State University,

² Institute of Applied Physics, Academy of Sciences of Moldova

Journal of Applied Physics

/ 2007 / ISSN 0021-8979 /ISSNe 1089-7550

Disponibil online 11 April, 2018. Descarcări-1. Vizualizări-1167

Evolution of luminescence from doped gallium phosphide over 40 years

Pîşkin Serghei¹, Ballato John², Bass Michael A.³, Turri Giorgio³

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

Journal of Electronic Materials

/ 2009 / ISSN 0361-5235 /ISSNe 1543-186X

Disponibil online 29 December, 2023. Descarcări-0. Vizualizări-100

Molecular orbital method in the theory of multiphonon nonradiative transitions of impurity rare-earth ions

Perlin Iuri, Aliphanov O.

Moldova State University

Journal of Luminescence

/ 1992 / ISSN 0022-2313

Disponibil online 5 October, 2023. Descarcări-0. Vizualizări-175

Thermoelectric power of p-doped PbTe semiconductor microwires with resonant states of tellurium impurities

Zasaviţchi Efim, Canţer Valeriu, Meglei Dragoş

Institute of Applied Physics, Academy of Sciences of Moldova

Proceedings of the International Semiconductor Conference

Vol. 2, Ediţia 28. 2005. New Jersey. [ISBN 0780392140, 978-078039214-4](https://doi.org/10.1002/9780780392144).

Disponibil online 22 November, 2023. Descarcări-0. Vizualizări-163

Lifshitz topological transitions, induced by doping and deformation in single-crystal bismuth wires

Nikolaeva Albina¹², Konopko Leonid¹², Huber Tito³, Kobileanscaia (Turcan) Ana¹, Para Gheorghe¹

¹ Institute of the Electronic Engineering and Nanotechnologies "D. Ghitu" of the Academy of Sciences of Moldova,

Low Temperature Physics

/ 2017 / ISSN 1063-777X

Disponibil online 15 February, 2023. Descarcări-0. Vizualizări-219

Electrical and photoelectrical properties of glassy As₂Se₃ doped with Mn, Dy and Sm

Iovu Mihail, Andrieş Andrei, Shutov Serghei, Bulgaru M., Popescu Mihai A., Sava Florinel, Lorinczi Adam

Institute of Applied Physics, Academy of Sciences of Moldova

Proceedings of the International Semiconductor Conference

Vol. 1. 1996. New Jersey. [DOI 10.1109/SMICND.1996](https://doi.org/10.1109/SMICND.1996).

Disponibil online 7 December, 2023. Descarcări-0. Vizualizări-139

Electrical activity of transition metal impurities in zinc selenide

Casian Vladimir, Nedeoglo Dumitru, Nedeoglo Natalia

Moldova State University

Physica Status Solidi (A) Applied Research

/ 2000 / ISSN 0031-8965 /ISSNe 1521-396X

Disponibil online 22 November, 2023. Descarcări-0. Vizualizări-79

Transport properties of n-ZrNiSn single crystals

Aruşanov Ernest¹, Kaefer W.², Fess K.², Kloc Christian L.², Friemelt K.², Bucher Ernst²

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

Physica Status Solidi (A) Applied Research

/ 2000 / ISSN 0031-8965 /ISSNe 1521-396X

Disponibil online 22 November, 2023. Descarcări-0. Vizualizări-144

Hole mobility in p-type β -FeSi₂ single crystals

Aruşanov Ernest^{1,2,3}, Lange Horst¹, Werner Johannes⁴

¹ Hahn-Meitner Institut GmbH, Berlin,

³ Institute of Applied Physics, Academy of Sciences of Moldova,

Physica Status Solidi (A) Applied Research

/ 1998 / ISSN 0031-8965 /ISSNe 1521-396X

Disponibil online 21 November, 2023. Descarcări-0. Vizualizări-99

Crystal order restoration and Zn-impurity activation in InP by As⁺-coimplantation and annealing

Tighineanu Ion^{1,2}, Cravetchi Igor^{1,3}, Ursachi Veaceslav¹, Marowsky Gerd³, Hartnagel Hans Ludwig²

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

² Technical University Darmstadt,

³ Laser Laboratory Goettingen

Physica Status Solidi (A) Applied Research

/ 1997 / ISSN 0031-8965 /ISSNe 1521-396X

Disponibil online 21 November, 2023. Descarcări-0. Vizualizări-118

Mechanisms of hopping conductivity of p-CdSb:Ni in magnetic field

Laiho Reino¹, Lashkul Alexander V.^{1,2}, Lisunov Constantin^{1,2,3}, Lahderanta Erkki², Shakhov Mihail^{1,4}, Zakhvalinskii Vasilii^{1,5}

¹ Wihuri Physical Laboratory, University of Turku,

³ Institute of Applied Physics, Academy of Sciences of Moldova,

⁴ Ioffe Physical-Technical Institute, RAS,

⁵ Belgorod State National Research University, Belgorod

Physica Status Solidi (C) Current Topics in Solid State Physics

/ 2009 / ISSN 1862-6351 /ISSNe 1610-1642

Disponibil online 27 October, 2023. Descarcări-0. Vizualizări-107

Antipolar transitions in GaNb₄Se₈ and GaTa₄Se₈

Winkler Maximilian¹, Prodan Lilian¹, Ţurcan Vladimir^{1,2}, Lunkenheimer Peter¹, Kezsmarki Istvan¹

¹ University of Augsburg,

² Institute of Applied Physics

Physical Review B

/ 2022 / ISSN 2469-9950 /ISSNe 2469-9969

Disponibil online 23 October, 2022. Descarcări-12. Vizualizări-410

Colour cathodoluminescence from bi₄[ge₀₄]3 crystals

Nazarova Tatiana¹, Nazarov Mihail¹, Saparin Gennadii², Obyden Sergey²

¹ Technical University of Moldova,

² Lomonosov Moscow State University

Radiation Effects and Defects in Solids

/ 1995 / ISSN 1042-0150 /ISSNe 1029-4953

Disponibil online 12 February, 2024. Descarcări-0. Vizualizări-57

Size-quantized effect in Bi-Sn wires under tensile strain

Ghiţu Dumitru, Condrea Elena, Nikolaeva Albina

Academy of Sciences of Moldova

Proceedings of the International Semiconductor Conference

1995. New Jersey. [DOI 10.1109/SMICND.1995](https://doi.org/10.1109/SMICND.1995).

Disponibil online 8 December, 2023. Descarcări-1. Vizualizări-165

Electronic processes in bismuth type doped semimetals

Bodiul Pavel, Garabazhiu V., Ghiţu Dumitru

Institute of Applied Physics, Academy of Sciences of Moldova

Proceedings of the International Semiconductor Conference

1995. New Jersey. [DOI 10.1109/SMICND.1995](https://doi.org/10.1109/SMICND.1995).

Disponibil online 8 December, 2023. Descarcări-1. Vizualizări-124

Raman scattering study of Zn+/P+ co-implanted GaAs single crystals

Ursachi Veaceslav, Ichizli V., Tighineanu Ion, Terletsy Andrei, Caluja Yu., Rădăuţanu Sergiu

Institute of Applied Physics, Academy of Sciences of Moldova

Proceedings of the International Semiconductor Conference

1995. New Jersey. [DOI 10.1109/SMICND.1995](https://doi.org/10.1109/SMICND.1995).

Disponibil online 8 December, 2023. Descarcări-0. Vizualizări-120

Shubnikov-de Haas effect in n-CdSb:In under pressure

Laiho Reino¹, Lashkul Alexander V.², Lisunov Constantin^{1,2,3}, Lahderanta Erkki²

¹ Wihuri Physical Laboratory, University of Turku,

³ Institute of Applied Physics, Academy of Sciences of Moldova

Semiconductor Science and Technology

/ 2009 / ISSN 0268-1242

Disponibil online 6 September, 2023. Descarcări-0. Vizualizări-179

Photovaricaps on ZnIn₂S₄ and CdGaInS₄

Rădăuțanu Sergiu, Aramă Efim, Jitari Vasile, Moldovyan Nikolay

Academy of Sciences of Moldova

Proceedings of the International Semiconductor Conference

Vol. 1. 1997. New Jersey. [DOI 10.1109/SMICND.1997](https://doi.org/10.1109/SMICND.1997).

Disponibil online 6 December, 2023. Descarcări-0. Vizualizări-167



Copyright © 2011-2024 Instrumentul Bibliometric Național.
Institutul de Dezvoltare a Societății Informaționale.
Actualizat: 26.06.2024, accesat: 27.06.2024
Disponibil: <https://ibn.idsi.md>

