

Lista publicațiilor: Technische Universität Chemnitz (9), Descărcări - 3, Vizualizări - 4067

Publicații peste hotare,

CuInSe₂ nanostructures prepared by chemical close-spaced vapor transport for hybrid photovoltaic devices

Vatavu Sergiu, von Morze Natascha, Lux-Steiner Martha Ch. H., Rusu Marin, Zahn Dietrich R.T.

Thin Solid Films

Nr. 633 / 2017 / ISSN - / ISSN_e 0040-6090

Disponibil online 17 February, 2018. Descărcări-0. Vizualizări-1136

Optical phonons in the kesterite Cu₂ZnGeS₄ semiconductor: Polarized Raman spectroscopy and first-principle calculations

Guk Maxim, Litvinchuk A., Levchenko Sergiu, Valakh M., Bodnar Ivan V., Dzhagan Volodymyr, Izquierdo-Roca Víctor, Arushanov Ernest, Perez-Rodriguez Alejandro

RSC Advances

Nr. 6 / 2016 / ISSN 2046-2069

Disponibil online 13 September, 2022. Descărcări-0. Vizualizări-255

Optical properties of quaternary kesterite-type Cu₂Zn(Sn_{1-x}Gex)S₄ crystalline alloys: Raman scattering, photoluminescence and first-principle calculations

Valakh M., Litvinchuk A., Dzhagan Volodymyr, Yukhymchuk Volodymyr, Havryliuk Ye., Guk Maxim, Bodnar Ivan V., Izquierdo-Roca Víctor, Perez-Rodriguez Alejandro, Zahn Dietrich R.T.

RSC Advances

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Disponibil online 25 January, 2023. Descărcări-1. Vizualizări-237

Experimental observation of Berry phases in optical Möbius-strip microcavities

Wang Jiawei, Valligatla Sreeramulu, Yin Yin, Schwarz Lukas, Medina-Sanchez Mariana, Baunack Stefan, Lee Ching Hua, Thomale Ronny, Li Shilong, Fomin Vladimir, Ma Libo, Schmidt Oliver

Nature Photonics

Nr. / 2023 / ISSN 1749-4885

Disponibil online 31 January, 2023. Descărcări-1. Vizualizări-313

In-Plane Thermal Conductivity of Radial and Planar Si/SiO_x Hybrid Nanomembrane Superlattices

Li Guodong, Yarali Milad, Cocemasov Alexandr, Baunack Stefan, Nika Denis, Fomin Vladimir, Singh Shivkant, Gemming Thomas, Zhu Feng, Mavrokefalos Anastassios A., Schmidt Oliver

ACS Nano

Nr. / 2017 / ISSN 1936-0851 / ISSN_e 1936-086X

Disponibil online 9 February, 2018. Descărcări-1. Vizualizări-887

Structure and properties of As₂₅Te₃₅Si₄₀ glass

Lorinczi Adam, Sava Florinel, Yovu M., Leonovici Minola Rodica, Halm Th, Popescu Mihai A., Hoyer Walter

Physica Status Solidi (B) Basic Research

Nr. / 2003 / ISSN 0370-1972

Disponibil online 15 September, 2023. Descarcări-0. Vizualizări-96

Synthesis, Powder X-Ray Diffraction, and Ab Initio Study of TlInSe 2 : Analysis of Its Thermoelectric Properties

Chumakov Yurii, Mintaş Mehmet Fatih, Amiraslanov I., Volz S., Mammadov Samir N., Mamedov N., Mammadov T., Ishikawa Masato, Wakita Kazuki, Seyidov Mir Hasan Yu

Physica Status Solidi (A) Applications and Materials Science

Nr. / 2019 / ISSN 1862-6300

Disponibil online 3 April, 2019. Descarcări-0. Vizualizări-818

Raman scattering by porous structures with InAs quantum dots

Milekhin Alexander, Ursachi Veaceslav, Sirbu Lilian, Toropov Alexander, Tiginyanu Ion, Zahn Dietrich R.T.

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

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

Disponibil online 26 October, 2023. Descarcări-0. Vizualizări-90

Fermi resonance in the phonon spectra of quaternary chalcogenides of the type Cu₂ZnGeS₄

Valakh M., Litvinchuk A., Dzhagan Volodymyr, Yukhymchuk Volodymyr, Yaremko Anatoliy, Romanyuk Yu., Guk Maxim, Bodnar Ivan V., Perez-Rodriguez Alejandro, Zahn Dietrich R.T.

Journal of Physics Condensed Matter

Nr. / 2016 / ISSN 0953-8984 / ISSNe 1361-648X

Disponibil online 25 January, 2023. Descarcări-0. Vizualizări-235



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