

Gherman Corneliu

Publicații la conferințe din RM - **3**. Publicații peste hotare - **5**.
Publicații indexate în SCOPUS - **5**. Teze/Rezumate în culegeri - **4**.

Mapping of two-photon luminescence amplification in zinc-oxide microstructures

Semin Sergey¹, Sherstyuk N.¹, Mishina E.¹, Gherman Corneliu², Kulyuk Leonid², Rasing T.³, Peng Lung-Han⁴

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Semiconductors

Vol. 46, / 2012 / ISSN 1063-7826

Disponibil online 25 October, 2023. Descarcări-0. Vizualizări-136

Synthesis and characterization of colloidal PbS quantum dots in gelatin

Mitioglu Anatolie, Gherman Corneliu, Lascova-Baciu Renata, Cuharuc Anatolii, Gavriluță Anatolie, Kulyuk Leonid

Institute of Applied Physics, Academy of Sciences of Moldova

Nanotechnologies and Biomedical Engineering

Nr. 2-3(37) / 2006 / ISSN 1810-6455

Disponibil online 18 July, 2019. Descarcări-0. Vizualizări-658

CPPP57 Characterization of CuGa3Se5 and CuGa5Se8 single crystals by photoluminescence and optical second harmonic generation

Arushanov Ernest, Buinitskaya G., Gherman Corneliu, Kulyuk Leonid, Mirovitskii Vadim, Nateprov A.

Institute of Applied Physics

Materials Science and Condensed Matter Physics

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

Disponibil online 23 April, 2021. Descarcări-2. Vizualizări-485

NNN 25P PbS nanoparticles for determination of metal traces

Revenko M.¹, Gavriluță Anatolie^{1,2}, Gherman Corneliu²

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Materials Science and Condensed Matter Physics

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

Disponibil online 21 April, 2021. Descarcări-0. Vizualizări-453

NNN 26P Synthesis and stabilization of PbS and PbSe nanoparticles in natural polymers

Gavriluță Anatolie^{1,2}, Gherman Corneliu², Mitioglu Anatolie², Lascova-Baciu Renata², Revenco Marcel¹, Kulyuk Leonid²

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Materials Science and Condensed Matter Physics

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Disponibil online 21 April, 2021. Descarcări-0. Vizualizări-369

Generalized hyperbolic model for I-V characteristic of semiconductor devices

Dumchenko Dumitru^{1,2}, Huang Ying-Sheng¹, Ho Ching-Hwa¹, Colev Andrei³, Gherman Corneliu³, Kulyuk Leonid³, Tiong Kwong-Kaw¹

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Microelectronics and Computer ScienceThe 6th International Conference

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

Disponibil online 11 July, 2023. Descarcări-1. Vizualizări-156

Kinetics of the excitonic radiative recombination in WS₂:Br₂ and MoS₂:Cl₂ layered crystals

Colev Andrei¹, Gherman Corneliu¹, Mirovitskii Vadim¹, Kulyuk Leonid¹, Fortin Emery²

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Journal of Luminescence

Vol. 129, / 2009 / ISSN 0022-2313

Disponibil online 5 October, 2023. Descarcări-0. Vizualizări-112

Sinteza și proprietățile optice ale soluțiilor coloidale de nanocristalele de PbS

Mitioglu Anatolie, Gavriluță Anatolie, Lascova-Baciu Renata, Gherman Corneliu

Institutul de Fizică Aplicată

Microelectronics and Computer ScienceThe 6th International Conference

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

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Radiative centers formed by halogen molecules intercalated in MoS₂ and WS₂ layered semiconductors

Dumchenko Dumitru, Gherman Corneliu, Kulyuk Leonid

Institute of Applied Physics, Academy of Sciences of Moldova

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Vol. 7, / 2005 / ISSN 1454-4164

Disponibil online 23 February, 2024. Descarcări-0. Vizualizări-67

Radiative recombination of excitons in the transition-metal dichalcogenides MoS₂:Cl₂ and WS₂:Br₂

Charron Luc¹, Dumchenko Dumitru², Fortin Emery¹, Gherman Corneliu², Kulyuk Leonid²

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Structure properties of transition metal disulfide layered crystals intercalated with halogen molecules

Dumchenko Dumitru, Colev Andrei, Gherman Corneliu

Institute of Applied Physics, Academy of Sciences of Moldova

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Radiative properties of the intercalated MoS₂:Cl₂ layered crystals

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