

6. Publicații la manifestări științifice de peste hotare
6.2. Publicații la manifestări științifice indexate în Scopus - 12
Teze/Rezumate în culegeri - 18.

Optical selection rules for the quantum transitions from the ground state of the crystal to the superposition states of the two-dimensional magneto-excitons

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Proceedings of SPIE - The International Society for Optical Engineering

Nr. 12(123) / 2010 / ISSN 1811-0770 / ISSNe 2587-411X

Disponibil online 28 January, 2021. Descarcări-0. Vizualizări-680

Metastable bound states and spin structures of the two-dimensional bimagnetoexcitons

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Proceedings of SPIE - The International Society for Optical Engineering

Nr. 3(24) / 2012 / ISSN 1857-1328

Disponibil online 22 July, 2021. Descarcări-0. Vizualizări-398

Spin structures and metastable bound states of the two-dimensional bimagnetoexcitons in the lowest Landau levels approximation

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IEEE International Conference on Nanomaterials: Applications and Properties NAP 2018

Nr. 1 / 2013 / ISSN 1857-0003 / ISSNe 2587-3202

Disponibil online 1 December, 2021. Descarcări-1. Vizualizări-391

Optical properties of the two-dimensional magnetoexcitons under the influence of the Rashba spin-orbit coupling

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Proceedings of SPIE - The International Society for Optical Engineering

Nr. 5-6(93-94) / 2015 / ISSN 1810-6455

Disponibil online 29 November, 2023. Descarcări-0. Vizualizări-153

The collective elementary excitations of 2D magnetoexcitons in the BEC state with wave vector $\mathbf{k} = 0$

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Proceedings of SPIE - The International Society for Optical Engineering

Nr. 5-6(93-94) / 2015 / ISSN 1810-6455

Disponibil online 29 November, 2023. Descarcări-0. Vizualizări-162

Bose-Einstein condensation of two-dimensional magnetoexcitons on the superposition state 

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Proceedings of SPIE - The International Society for Optical Engineering

Nr. 2(54) / 2017 / ISSN 1811-5470

Disponibil online 4 December, 2023. Descarcări-0. Vizualizări-141

The light Raman scattering as the origin of the frequency threshold on the carrier multiplication efficiency in quantum dots 

Moskalenko Sveatoslav, Dobynde Igor, Igor, Pavlenko Vladimir, Lelyakov Igor

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Proceedings of SPIE - The International Society for Optical Engineering

Nr. 2(78) / 2013 / ISSN 1810-6455

Disponibil online 4 December, 2023. Descarcări-0. Vizualizări-145

Bose-Einstein Condensation of two-dimensional magnetoexcitons. Influence of the excited Landau levels

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Proceedings of SPIE - The International Society for Optical Engineering

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Disponibil online 25 January, 2024. Descarcări-0. Vizualizări-118

Propagation Hanle effect of quadrupole polaritons in Cu₂O

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Proceedings of SPIE - The International Society for Optical Engineering

Nr. 12(316) / 2016 / ISSN 1220-4935

Disponibil online 1 February, 2024. Descarcări-0. Vizualizări-100

Exciton absorption and gain bands in semiconductors coherently polarized by laser radiation

Moskalenko Sveatoslav, Sveatoslav

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Proceedings of SPIE - The International Society for Optical Engineering

Nr. 11(55) / 2017 / ISSN 0095-1137 / ISSNe 1098-660X

Disponibil online 7 February, 2024. Descarcări-0. Vizualizări-98

Generation of nonequilibrium paraexcitons due to orthoparaexciton conversion

Bobrysheva A., Moskalenko Sveatoslav, Sveatoslav, Sveatoslav

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Proceedings of SPIE - The International Society for Optical Engineering

Nr. 224 / 2016 / ISSN - / ISSNe 0925-4005

Disponibil online 9 February, 2024. Descarcări-0. Vizualizări-111

Optical switching due to band-gap renormalization in MQW GaAs/Al_xGa_{1-x}As at high excitation levels

Bobrysheva A., Dobynde Igor, Moskalenko Sveatoslav, Pavlenko Vladimir, Vladimir, Vladimir, Vladimir, Vladimir

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Proceedings of SPIE - The International Society for Optical Engineering

Vol. 49, / 2015 / ISSN 0925-3467

Disponibil online 12 February, 2024. Descarcări-0. Vizualizări-135



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Institutul de Dezvoltare a Societății Informaționale.
Actualizat: 28.06.2024, accesat: 28.06.2024
Disponibil: <https://ibn.idsi.md>

