

6. Publicații la manifestări științifice de peste hotare
6.2. Publicații la manifestări științifice indexate în Scopus - 12
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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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Metastable bound states and spin structures of the two-dimensional bimagnetoexcitons

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

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

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

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

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

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

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Propagation Hanle effect of quadrupole polaritons in Cu₂O

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

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Generation of nonequilibrium paraexcitons due to orthoparaexciton conversion

Bobrysheva A., Moskalenko Sveatoslav, Sveatoslav, Sveatoslav

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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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