

Dumanov Evgheni

3. Articole în reviste din RM

3.1. Articole în reviste științifice din RM (perioada în care au avut categorie de clasificare + 2 numere până la aprobarea statutului de publicație științifică)

3.1.3. Articole în reviste de cat. B - 5

Teze/Rezumate în culegeri - [13](#).

2018 - 7

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

Moskalenko Sveatoslav¹, Khadzhi Peter¹, Podlesny Igor¹, Dumanov Evgheni¹, Liberman Michael², Zubac Ion¹

¹ Institute of Applied Physics,

² Institute of Technology and Stockholm University

Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies

Nr. 1 / 2012 / ISSN 1857-4130

Disponibil online 4 September, 2020. Descarcări-0. Vizualizări-631

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

Moskalenko Sveatoslav¹, Khadzhi Peter¹, Podlesny Igor¹, Dumanov Evgheni¹, Liberman Michael², Zubac Ion¹

¹ Institute of Applied Physics,

² Nordic Institute for Theoretical Physics (NORDITA) KTH

Proceedings of SPIE - The International Society for Optical Engineering

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

Disponibil online 22 July, 2021. Descarcări-0. Vizualizări-400

Metastable bound states of the two-dimensional bimagnetoexcitons in the lowest Landau levels approximation

Moskalenko Sveatoslav¹, Khadzhi Peter¹, Podlesny Igor¹, Dumanov Evgheni¹, Liberman Michael², Zubac Ion¹

¹ Institute of Applied Physics,

² Institutul de Fizica și Tehnica. S.Petersburg

Nanostructures: Physics and Technologies 26th International Symposium

Nr. 1(31) / 2014 / ISSN 1857-1999 / ISSNe 2345-1963

Disponibil online 1 December, 2021. Descarcări-0. Vizualizări-296

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

Moskalenko Sveatoslav¹, Khadzhi Peter¹, Podlesny Igor¹, Dumanov Evgheni¹, Liberman Michael², Zubac Ion¹

¹ Institute of Applied Physics,

² Nordic Institute for Theoretical Physics (NORDITA) KTH

Balkan Workshop on Applied Physics IBWAP 2018

Nr. 1(64) / 2014 / ISSN 1561-4042 / ISSNe 2587-4330

Disponibil online 1 December, 2021. Descarcări-5. Vizualizări-430

Metastable bound states of the two-dimensional bimagnetoexcitons with triplettriplet spin structures in the lowest Landau levels approximation

Moskalenko Sveatoslav¹, Khadzhi Peter¹, Podlesny Igor¹, Dumanov Evgheni¹, Zubac Ion¹, Liberman Michael^{2,3}

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

² Stockholms Universitet,

³ Nordic Institute for Theoretical Physics (NORDITA) KTH

Telecommunications, Electronics and Informatics

Nr. 4(8) / 2006 / ISSN 1857-0011

Disponibil online 29 May, 2018. Descarcări-12. Vizualizări-877

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

Moskalenko Sveatoslav¹, Khadzhi Peter¹, Podlesny Igor¹, Dumanov Evgheni¹, Liberman Michael², Zubac Ion¹

¹ Institute of Applied Physics,

² Moscow Institute of Physics and Technology

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-392

Two-dimensional biexcitons and cavity polaritons in the strong perpendicular magnetic field

Moskalenko Sveatoslav¹, Khadzhi Peter¹, Podlesny Igor¹, Dumanov Evgheni¹, Liberman Michael², Novikov Boris³, Zubac Ion¹

¹ Institute of Applied Physics,

² Stockholms Universitet,

³ Institute of Physics, St. Petersburg

High Magnetic Fields in Semiconductor Physics HMF 23

Nr. 2 / 2011 / ISSN 1857-4130

Disponibil online 1 September, 2020. Descarcări-6. Vizualizări-795

2017 - 2

Interactions and Bound States of the Two-Dimensional Magnetoexcitons

Moskalenko Sveatoslav¹, Khadzhi Peter¹, Dumanov Evgheni¹, Podlesny Igor¹, Liberman Michael², Zubac Ion¹

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

² Stockholms Universitet

Multidisciplinary in Modern Science for the Benefit of Society

Nr. 3(303) / 2007 / ISSN 1857-064X

Disponibil online 15 March, 2018. Descarcări-2. Vizualizări-1025

Metastable bound states of the two-dimensional quasi-bimagnetoexcitons

Moskalenko Sveatoslav¹, Khadzhi Peter¹, Dumanov Evgheni¹, Podlesny Igor¹, Liberman Michael², Zubac Ion¹

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

² Stockholms Universitet

Microelectronics and Computer Science

// ISSN -

Disponibil online 31 October, 2017. Descarcări-3. Vizualizări-929

2016 - 4

Dispersion laws of some two-dimensional cavity magnetoexciton-polariton branches

Podlesny Igor, Moskalenko Svetoslav, Dumanov Evgheni, Rusu Spiridon

Institute of Applied Physics, Academy of Sciences of Moldova

Materials Science and Condensed Matter Physics

Nr. 3(4) / 2005 / ISSN 1810-648X / ISSN_e 2537-6365

Disponibil online 19 July, 2019. Descarcări-1. Vizualizări-569

Interaction of the two-dimensional magnetoexcitons with wave vector $K=0$ under the influence of the Rashba spin-orbit coupling and Zeeman splitting effects

Dumanov Evgheni, Moskalenko Svetoslav, Podlesny Igor, Lelyakov Igor

Institute of Applied Physics, Academy of Sciences of Moldova

Materials Science and Condensed Matter Physics

Nr. 3(4) / 2005 / ISSN 1810-648X / ISSN_e 2537-6365

Disponibil online 19 July, 2019. Descarcări-0. Vizualizări-714

Two-dimensional cavity magnetoexciton-polaritons dispersion laws

Moskalenko Svetoslav, Podlesny Igor, Dumanov Evgheni, Lelyakov Igor, Rusu Spiridon

Institute of Applied Physics, Academy of Sciences of Moldova

Balkan Workshop on Applied Physics

Nr. 4 / 2010 / ISSN 1857-4130

Disponibil online 6 August, 2020. Descarcări-2. Vizualizări-505

Two-dimensional cavity polaritons under the influence of the Landau quantization, Rashba spin-orbit coupling and Zeeman splitting

Moskalenko Svetoslav¹, Podlesny Igor¹, Dumanov Evgheni¹, Liberman Michael², Lelyakov Igor¹

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

² Stockholms Universitet

IFMBE Proceedings 3rd International Conference on Nanotechnologies and Biomedical Engineering, ICNBME 2015

Nr. 1 / 2009 / ISSN 1857-0437

Disponibil online 9 December, 2022. Descarcări-0. Vizualizări-309

2015 - 2

Theoretical study of external cavity diode laser using simulation of modes

Dumanov Evgheni^{1,2}, Tronciu Vasile¹, Wenzel Helmut³

¹ Technical University of Moldova,

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

³ Ferdinand-Braun-Institut

Telecommunications, Electronics and Informatics

Nr. 4(4) / 2005 / ISSN 1857-0011

Disponibil online 17 May, 2018. Descarcări-7. Vizualizări-658

Two-dimensional cavity polaritons under the influence of the Landau quantization, Rashba spin-orbit coupling and Zeeman splitting

Moskalenko Svetoslav¹, Podlesny Igor¹, Dumanov Evgheni¹, Liberman Michael², Lelyakov Igor¹

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

² Institute of Technology and Stockholm University

Nanotechnologies and Biomedical Engineering

Nr. 1(307) / 2009 / ISSN 1857-064X

Disponibil online 9 April, 2019. Descarcări-0. Vizualizări-776

2014 - 4

Landau quantization of two-dimensional heavy-holes accompanied by Rashba spin-orbit coupling and Zeeman splitting

Podlesny Igor¹, Moskalenko Svetoslav¹, Dumanov Evgheni¹, Liberman Michael²³, Leleacov A.¹

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

² Royal Institute of Tehcnology,

³ Moscow Institute of Physics and Technology

Materials Science and Condensed Matter Physics

Nr. 3(21) / 2005 / ISSN 1810-9551

Disponibil online 25 February, 2019. Descarcări-0. Vizualizări-744

The influence of the Rashba spin-orbit coupling on twodimensional magnetoexciton-polaritons in microcavity

Dumanov Evgheni¹, Moskalenko Svetoslav¹, Podlesny Igor¹, Liberman Michael²³, Rusu Spiridon¹, Bajireanu Valentina¹

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

² Royal Institute of Tehcnology,

³ Moscow Institute of Physics and Technology

Materials Science and Condensed Matter Physics

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Theoretical study of the modal behaviour of an external cavity diode laser

Dumanov Evgheni¹², Tronciu Vasile², Wenzel Helmut³

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

² Technical University of Moldova,

³ Ferdinand-Braun-Institut

Materials Science and Condensed Matter Physics

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Disponibil online 16 March, 2019. Descarcări-1. Vizualizări-612

Two-dimensional cavity polaritons under the influence of a strong perpendicular magnetic field

Moskalenko Sveatoslav¹, Podlesny Igor¹, Dumanov Evgheni¹, Liberman Michael^{2,3}, Rusu Spiridon¹, Bajireanu Valentina¹

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

² Nordic Institute for Theoretical Physics (NORDITA) KTH,

³ Moscow Institute of Physics and Technology

Materials Science and Condensed Matter Physics

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Disponibil online 22 February, 2019. Descarcări-0. Vizualizări-869

2013 - 1

True, quasi and unstable Nambu-Goldstone modes of the 2D Bose-Einstein condensed magnetoexcitons with different wave vectors

Dumanov Evgheni¹, Moskalenko Sveatoslav¹, Liberman Michael^{2,3}, Snoke David W.⁴, Rusu Spiridon¹, Cerbu Florin¹

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

² Uppsala University,

³ Moscow Institute of Physics and Technology,

⁴ University of Pittsburgh

Nanotechnologies and Biomedical Engineering

Nr. 1(29) / 2005 / ISSN 1810-6455

Disponibil online 19 June, 2019. Descarcări-0. Vizualizări-611

2012 - 1

Collective elementary excitations of two-dimensional magnetoexcitons interacting with plasmons under the influence of excited Landau levels

Moskalenko Sveatoslav¹, Liberman Michael², Snoke David W.³, Dumanov Evgheni¹, Rusu Spiridon¹, Cerbu Florin¹

¹ Institute of Applied Physics,

² Uppsala University,

³ University of Pittsburgh

Materials Science and Condensed Matter Physics

Nr. 2(17) / 2006 / ISSN 1810-1852 / ISSNe 1810-1879

Disponibil online 5 March, 2020. Descarcări-1. Vizualizări-699

2011 - 2

Collective elementary excitations of 2D magnetoexcitons taking into account excited Landau levels

Moskalenko Sveatoslav¹, Liberman Michael², Dumanov Evgheni¹, Rusu Spiridon¹, Cerbu Florin¹

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

² Uppsala University

Nanotechnologies and Biomedical Engineering

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

Disponibil online 18 July, 2019. Descarcări-0. Vizualizări-615

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

Moskalenko Sveatoslav¹, Liberman Michael², Dumanov Evgheni¹

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

² Uppsala University

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

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

2010 - 1

CMT 5 P The elementary excitations of 2D magnetoexcitons in the Bec state with wave vector $\mathbf{k}=\mathbf{0}$

Moskalenko Sveatoslav¹, Liberman Michael², Dumanov Evgheni¹, Rusu Spiridon¹, Sanduleac Ionel¹

¹ Institute of Applied Physics,

² Uppsala University

Materials Science and Condensed Matter Physics

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

Disponibil online 14 April, 2021. Descarcări-0. Vizualizări-339

2008 - 2

Collective elementary excitations of two-dimensional electron-hole system in a strong perpendicular magnetic field

Dumanov Evgheni, Colun Sergiu

Institute of Applied Physics

International Conference of Young Researchers

Nr. 1-2(12-13) / 2011 / ISSN 1857-2251

Disponibil online 25 May, 2021. Descarcări-0. Vizualizări-376

Optical properties of CUI_N7SE₁₂

Dumanov Evgheni, Colun Sergiu

Institute of Applied Physics

International Conference of Young Researchers

Nr. 1-2(12-13) / 2011 / ISSN 1857-2251

Disponibil online 25 May, 2021. Descarcări-0. Vizualizări-235

2006 - 1

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

Moskalenko Sveatoslav, Dumanov Evgheni, Podlesny Igor, Shmiglyuk M.

Institute of Applied Physics, Academy of Sciences of Moldova

Proceedings of SPIE - The International Society for Optical Engineering

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