

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)

3.1.4. Articole în reviste de cat. C - 1

Teze/Rezumate în culegeri - [13](#).

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

Multidisciplinarity in Modern Science for the Benefit of Society

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

Disponibil online 15 March, 2018. Descarcări-2. Vizualizări-1037

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 - 2

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

Podlesny Igor, Moskalenko Sveatoslav, 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 / ISSNe 2537-6365

Disponibil online 19 July, 2019. Descarcări-1. Vizualizări-571

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 Sveatoslav, 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 / ISSNe 2537-6365

Disponibil online 19 July, 2019. Descarcări-0. Vizualizări-722

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-660

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-785

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 Michael^{2,3}, Leleacov A.¹

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

² Royal Institute of Technology,

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-757

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

Dumanov Evgheni¹, Moskalenko Svetoslav¹, Podlesny Igor¹, Liberman Michael^{2,3}, Rusu Spiridon¹, Bajireanu Valentina¹

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

² Royal Institute of Technology,

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-3. Vizualizări-711

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

Dumanov Evgheni^{1,2}, 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-619

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

Moskalenko Sveatoslav¹, Podlesny Igor¹, Dumanov Evgheni¹, Liberman Michael²³, 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

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

Disponibil online 22 February, 2019. Descarcări-0. Vizualizări-876

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 Michael²³, 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

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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-705

2011 - 1

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-620

2010 - 1

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

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-340

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-379

Optical properties of CUI7SE12

Dumanov Evgheni, Colun Sergiu

Institute of Applied Physics

International Conference of Young Researchers

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Disponibil online 25 May, 2021. Descarcări-0. Vizualizări-236



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