

[Moscalenco Sveatoslav](#)

5. Publicații la manifestări din RM

5.3. Publicații la alte manifestări din RM - 5

Teze/Rezumate în culegeri - 18.

2022 - 1

Electron structure of the two 2D exciton states

Moskalenko Sveatoslav, Zubac Ion, Guminiuc Anastasia

Institute of Applied Physics

Perspectivile și Problemele Integrării în Spațiul European al Cercetării și Educației

Nr. 3(50) / 2014 / ISSN 0013-5739 / ISSN-e 2345-1718

Disponibil online 25 October, 2022. Descarcări-3. Vizualizări-326

2019 - 2

Superposition States of the Two-Dimensional Magnetoexcitons with Dirac Cone Dispersion Law and Quantum Interference Effects in Optical Transitions

Moskalenko Sveatoslav¹, Podlesny Igor¹, Zubac Ion¹, Novikov Boris²

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Nanotechnologies and Biomedical Engineering

Nr. 1-2(141) / 2006 / ISSN 1957-2294

Disponibil online 1 September, 2020. Descarcări-2. Vizualizări-542

The similarity between two-dimensional magnetoexcitons and the excitons in transition metal dichalcogenides

Moskalenko Sveatoslav, Moskalenko Sveatoslav, Moskalenko Sveatoslav

Institute of Applied Physics

Amorphous and Nanostructured Chalcogenides

Nr. 3 / 2011 / ISSN 1857-4130

Disponibil online 2 September, 2020. Descarcări-0. Vizualizări-484

2018 - 1

Two-dimensional para-, ortho- and bi- magnetoexcitons interacting with quantum point vortices

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Materials Science and Condensed Matter Physics

Nr. 4(64) / 2008 / ISSN 1810-9136

Disponibil online 14 January, 2019. Descarcări-8. Vizualizări-765

2017 - 2

Interactions and Bound States of the Two-Dimensional Magnetoexcitons

Moskalenko Svetoslav¹, Khadzhi Peter¹, Dumanov Evgheni¹, Podlesny Igor¹, Liberman Michael², Zubac Ion¹

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Multidisciplinarity in Modern Science for the Benefit of Society

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

Disponibil online 15 March, 2018. Descarcări-2. Vizualizări-1016

Metastable bound states of the two-dimensional quasi-bimagnetoexcitons

Moskalenko Svetoslav¹, Khadzhi Peter¹, Dumanov Evgheni¹, Podlesny Igor¹, Liberman Michael², Zubac Ion¹

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² Stockholms Universitet

Microelectronics and Computer Science

// ISSN -

Disponibil online 31 October, 2017. Descarcări-3. Vizualizări-928

2016 - 2

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 / ISSNe 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

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2015 - 2

Exciton-polariton laser

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Nanotechnologies and Biomedical Engineering

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

Disponibil online 20 March, 2018. Descarcări-7. Vizualizări-726

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

Moskalenko Svatoslav¹, Podlesny Igor¹, Dumanov Evgheni¹, Liberman Michael², Lelyakov Igor¹

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Nanotechnologies and Biomedical Engineering

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

Disponibil online 9 April, 2019. Descarcări-0. Vizualizări-767

2014 - 3

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

Podlesny Igor¹, Moskalenko Svatoslav¹, Dumanov Evgheni¹, Liberman Michael^{2,3}, Leleacov A.¹

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Materials Science and Condensed Matter Physics

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

Disponibil online 25 February, 2019. Descarcări-0. Vizualizări-739

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

Dumanov Evgheni¹, Moskalenko Svatoslav¹, Podlesny Igor¹, Liberman Michael^{2,3}, Rusu Spiridon¹, Bajireanu Valentina¹

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Materials Science and Condensed Matter Physics

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

Moskalenko Svatoslav¹, Podlesny Igor¹, Dumanov Evgheni¹, Liberman Michael^{2,3}, Rusu Spiridon¹, Bajireanu Valentina¹

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Materials Science and Condensed Matter Physics

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Disponibil online 22 February, 2019. Descarcări-0. Vizualizări-866

2013 - 3

Landau quantization of two-dimensional heavy holes and acceptor-bound trions Auger-recombination lines

Podlesny Igor¹, Moskalenko Sveatoslav¹, Kiselyov Anton², Shutova Liudmila¹, Lelyakov Igor¹

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Nanotechnologies and Biomedical Engineering

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

Disponibil online 18 June, 2019. Descarcări-0. Vizualizări-655

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}, Snoko David W.⁴, Rusu Spiridon¹, Cerbu Florin¹

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Nanotechnologies and Biomedical Engineering

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Two-dimensional magnetoexciton-polariton in semiconductor microcavity

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Nanotechnologies and Biomedical Engineering

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

Disponibil online 17 June, 2019. Descarcări-0. Vizualizări-657

2012 - 2

CMT 1 P Landau quantization of two-dimensional heavy holes and the energy spectrum of magnetoexcitons

Moskalenko Sveatoslav¹, Podlesny Igor¹, Kiselyov Anton², Buzut Aculina¹

¹ Institute of Applied Physics,

² State University of Civil Aviation

Materials Science and Condensed Matter Physics

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

Disponibil online 6 March, 2020. Descarcări-0. Vizualizări-568

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

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

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Disponibil online 5 March, 2020. Descarcări-1. Vizualizări-698

2011 - 2

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

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

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Nanotechnologies and Biomedical Engineering

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Exchange electron-hole interaction of two-dimensional magnetoexcitons under the influence of the Rashba spin-orbit coupling

Moskalenko Sveatoslav¹, Podlesny Igor¹, Novikov Boris^{2,3}, Kiselyova E.⁴, Lelyakov Igor¹, Shutova Liudmila^{1,4}

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⁴ Moldova State University

Nanotechnologies and Biomedical Engineering

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Disponibil online 18 July, 2019. Descarcări-0. Vizualizări-647

2010 - 2

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

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

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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

Two-dimensional magnetoexcitons under the influence of the Rashba spinorbit coupling

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² Uppsala University,

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Materials Science and Condensed Matter Physics

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

Disponibil online 14 April, 2021. Descarcări-0. Vizualizări-336

2006 - 1

Combined optical quantum transitions with the participation of twodimensional magnetoexcitons

Moskalenko Sveatoslav, Podlesny Igor, Lelyakov Igor

Institute of Applied Physics

Materials Science and Condensed Matter Physics

Nr. 1(53) / 2009 / ISSN 1810-6455

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