

## Dumanov Evgheni

6. Publicații la manifestări științifice de peste hotare

6.3. Alte publicații la manifestări științifice de peste hotare - 5

Teze/Rezumate în culegeri - 13.

### 2017 - 2

#### **Interactions and Bound States of the Two-Dimensional Magnetoexcitons**

*Moskalenko Svetoslav<sup>1</sup>, Khadzhi Peter<sup>1</sup>, Dumanov Evgheni<sup>1</sup>, Podlesny Igor<sup>1</sup>, Liberman Michael<sup>2</sup>, Zubac Ion<sup>1</sup>*

<sup>1</sup> Institute of Applied Physics, Academy of Sciences of Moldova,

<sup>2</sup> 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-1014

---

#### **Metastable bound states of the two-dimensional quasi-bimagnetoexcitons**

*Moskalenko Svetoslav<sup>1</sup>, Khadzhi Peter<sup>1</sup>, Dumanov Evgheni<sup>1</sup>, Podlesny Igor<sup>1</sup>, Liberman Michael<sup>2</sup>, Zubac Ion<sup>1</sup>*

<sup>1</sup> Institute of Applied Physics, Academy of Sciences of Moldova,

<sup>2</sup> 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 / ISSN<sub>e</sub> 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<sub>e</sub> 2537-6365

Disponibil online 19 July, 2019. Descarcări-0. Vizualizări-703

---

### 2015 - 2

#### **Theoretical study of external cavity diode laser using simulation of modes**

*Dumanov Evgheni<sup>1,2</sup>, Tronciu Vasile<sup>1</sup>, Wenzel Helmut<sup>3</sup>*

<sup>1</sup> Technical University of Moldova,

<sup>2</sup> Institute of Applied Physics, Academy of Sciences of Moldova,

<sup>3</sup> 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 Sveatoslav<sup>1</sup>, Podlesny Igor<sup>1</sup>, Dumanov Evgheni<sup>1</sup>, Liberman Michael<sup>2</sup>, Lelyakov Igor<sup>1</sup>*

<sup>1</sup> Institute of Applied Physics, Academy of Sciences of Moldova,

<sup>2</sup> 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-765

---

## **2014 - 4**

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

*Podlesny Igor<sup>1</sup>, Moskalenko Sveatoslav<sup>1</sup>, Dumanov Evgheni<sup>1</sup>, Liberman Michael<sup>2,3</sup>, Leleacov A.<sup>1</sup>*

<sup>1</sup> Institute of Applied Physics, Academy of Sciences of Moldova,

<sup>2</sup> Royal Institute of Tehcnology,

<sup>3</sup> 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-737

---

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

*Dumanov Evgheni<sup>1</sup>, Moskalenko Sveatoslav<sup>1</sup>, Podlesny Igor<sup>1</sup>, Liberman Michael<sup>2,3</sup>, Rusu Spiridon<sup>1</sup>, Bajireanu Valentina<sup>1</sup>*

<sup>1</sup> Institute of Applied Physics, Academy of Sciences of Moldova,

<sup>2</sup> Royal Institute of Tehcnology,

<sup>3</sup> 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-702

---

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

*Dumanov Evgheni<sup>1,2</sup>, Tronciu Vasile<sup>2</sup>, Wenzel Helmut<sup>3</sup>*

<sup>1</sup> Institute of Applied Physics, Academy of Sciences of Moldova,

<sup>2</sup> Technical University of Moldova,

<sup>3</sup> Ferdinand-Braun-Institut

### **Materials Science and Condensed Matter Physics**

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

Disponibil online 16 March, 2019. Descarcări-1. Vizualizări-610

---

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

*Moskalenko Sveatoslav<sup>1</sup>, Podlesny Igor<sup>1</sup>, Dumanov Evgheni<sup>1</sup>, Liberman Michael<sup>2,3</sup>, Rusu Spiridon<sup>1</sup>, Bajireanu Valentina<sup>1</sup>*

<sup>1</sup> Institute of Applied Physics, Academy of Sciences of Moldova,

<sup>2</sup> Nordic Institute for Theoretical Physics (NORDITA) KTH,

<sup>3</sup> 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-866

---

**2013 - 1**

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

*Dumanov Evgheni<sup>1</sup>, Moskalenko Sveatoslav<sup>1</sup>, Liberman Michael<sup>2,3</sup>, Snoke David W.<sup>4</sup>, Rusu Spiridon<sup>1</sup>, Cerbu Florin<sup>1</sup>*

<sup>1</sup> Institute of Applied Physics, Academy of Sciences of Moldova,

<sup>2</sup> Uppsala University,

<sup>3</sup> Moscow Institute of Physics and Technology,

<sup>4</sup> University of Pittsburgh

**Nanotechnologies and Biomedical Engineering**

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

Disponibil online 19 June, 2019. Descarcări-0. Vizualizări-610

---

**2012 - 1**

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

*Moskalenko Sveatoslav<sup>1</sup>, Liberman Michael<sup>2</sup>, Snoke David W.<sup>3</sup>, Dumanov Evgheni<sup>1</sup>, Rusu Spiridon<sup>1</sup>, Cerbu Florin<sup>1</sup>*

<sup>1</sup> Institute of Applied Physics,

<sup>2</sup> Uppsala University,

<sup>3</sup> 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-698

---

**2011 - 1**

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

*Moskalenko Sveatoslav<sup>1</sup>, Liberman Michael<sup>2</sup>, Dumanov Evgheni<sup>1</sup>, Rusu Spiridon<sup>1</sup>, Cerbu Florin<sup>1</sup>*

<sup>1</sup> Institute of Applied Physics, Academy of Sciences of Moldova,

<sup>2</sup> Uppsala University

## **Nanotechnologies and Biomedical Engineering**

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

Disponibil online 18 July, 2019. Descarcări-0. Vizualizări-614

---

### **2010 - 1**

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

*Moskalenko Sveatoslav<sup>1</sup>, Liberman Michael<sup>2</sup>, Dumanov Evgheni<sup>1</sup>, Rusu Spiridon<sup>1</sup>, Sanduleac Ionel<sup>1</sup>*

<sup>1</sup> Institute of Applied Physics,

<sup>2</sup> 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-375

---

#### **Optical properties of CUIIN7SE12**

*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

---



Copyright © 2011-2024 Instrumentul Bibliometric Național.  
Institutul de Dezvoltare a Societății Informaționale.  
Actualizat: 25.06.2024, accesat: 25.06.2024  
Disponibil: <https://ibn.idsi.md>

