

## [Moscailenco Sveatoslav](#)

6. Publicații la manifestări științifice de peste hotare

6.2. Publicații la manifestări științifice indexate în Scopus - 12

**Teze/Rezumate în culegeri - 18.**

### **Optical selection rules for the quantum transitions from the ground state of the crystal to the superposition states of the two-dimensional magneto-excitons**

*Moskalenko Sveatoslav<sup>1</sup>, Podlesny Igor<sup>1</sup>, Zubac Ion<sup>1</sup>, Novikov Boris<sup>2</sup>*

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

<sup>2</sup> St Petersburg University

### **Proceedings of SPIE - The International Society for Optical Engineering**

Nr. 12(123) / 2010 / ISSN 1811-0770 / ISSNe 2587-411X

Disponibil online 28 January, 2021. Descarcări-0. Vizualizări-675

---

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

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

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

<sup>2</sup> 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-390

---

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

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

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

<sup>2</sup> 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-388

---

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

*Hakioglu Tugrul<sup>1</sup>, Liberman Michael<sup>2</sup>, Moskalenko Sveatoslav<sup>3</sup>, Podlesny Igor<sup>3</sup>*

<sup>1</sup> Bilkent University,

<sup>2</sup> Uppsala University,

<sup>3</sup> Institute of Applied Physics, Academy of Sciences of Moldova

### **Proceedings of SPIE - The International Society for Optical Engineering**

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

Disponibil online 29 November, 2023. Descarcări-0. Vizualizări-150

---

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

*Moskalenko Sveatoslav<sup>1</sup>, Liberman Michael<sup>2</sup>, Dumanov Evgheni<sup>1</sup>*

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

<sup>2</sup> Uppsala University

## **Proceedings of SPIE - The International Society for Optical Engineering**

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

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

---

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

*Moskalenko Sveatoslav<sup>1</sup>, Liberman Michael<sup>2</sup>, Podlesny Igor<sup>1</sup>, Kiselyova E.<sup>3</sup>*

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

<sup>2</sup> Uppsala University,

<sup>3</sup> Moldova State University

## **Proceedings of SPIE - The International Society for Optical Engineering**

Nr. 2(54) / 2017 / ISSN 1811-5470

Disponibil online 4 December, 2023. Descarcări-0. Vizualizări-141

---

## **The light Raman scattering as the origin of the frequency threshold on the carrier multiplication efficiency in quantum dots**

*Moskalenko Sveatoslav, Dobynde Igor, Ștefan Angela, Pavlenko Vladimir, Lelyakov Igor*

Institute of Applied Physics, Academy of Sciences of Moldova

## **Proceedings of SPIE - The International Society for Optical Engineering**

Nr. 2(78) / 2013 / ISSN 1810-6455

Disponibil online 4 December, 2023. Descarcări-0. Vizualizări-138

---

## **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**

Nr. 36(2016) / 2016 / ISSN 1434-1948 / ISSNe 1099-0682

Disponibil online 25 January, 2024. Descarcări-0. Vizualizări-113

---

## **Propagation Hanle effect of quadrupole polaritons in Cu2O**

*Moskalenko Sveatoslav<sup>1</sup>, Liberman M.A.<sup>2,3</sup>*

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

<sup>2</sup> Uppsala University,

<sup>3</sup> P.L. Kapitza Institute for Physical Problems

## **Proceedings of SPIE - The International Society for Optical Engineering**

Nr. 12(316) / 2016 / ISSN 1220-4935

Disponibil online 1 February, 2024. Descarcări-0. Vizualizări-99

---

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

*Moskalenko Sveatoslav, Misko Vyacheslav*

Academy of Sciences of Moldova

## **Proceedings of SPIE - The International Society for Optical Engineering**

Nr. 11(55) / 2017 / ISSN 0095-1137 / ISSNe 1098-660X

Disponibil online 7 February, 2024. Descarcări-0. Vizualizări-93

---

**Generation of nonequilibrium paraexcitons due to orthoparaexciton conversion**

*Bobrysheva A., Moskalenko Sveatoslav, Shmiglyuk M., Russu S.*

Institute of Applied Physics, Academy of Sciences of Moldova

**Proceedings of SPIE - The International Society for Optical Engineering**

Nr. 224 / 2016 / ISSN - / ISSN e 0925-4005

Disponibil online 9 February, 2024. Descarcări-0. Vizualizări-111

---

**Optical switching due to band-gap renormalization in MQW GaAs/Al<sub>x</sub>Ga<sub>1-x</sub>As at high excitation levels**

*Bobrysheva A., Dobynde Igor, Moskalenko Sveatoslav, Pavlenko Vladimir, Perov Polievkt, Razdobreev I., Russu S., Shekun Yu.*

Institute of Applied Physics, Academy of Sciences of Moldova

**Proceedings of SPIE - The International Society for Optical Engineering**

Vol. 49, / 2015 / ISSN 0925-3467

Disponibil online 12 February, 2024. Descarcări-0. Vizualizări-132

---



Copyright © 2011-2024 Instrumentul Bibliometric Național.  
Institutul de Dezvoltare a Societății Informaționale.  
Actualizat: 23.06.2024, accesat: 23.06.2024  
Disponibil: <https://ibn.idsi.md>

