

## Prislopski Sergey

Publicații peste hotare - [6](#).

Publicații indexate în SCOPUS - [6](#). Teze/Rezumate în culegeri - [1](#).

### **2018 - 2**

#### **Polarized Retroreflection from Nanoporous III-V Semiconductors**

*Prislopski Sergey<sup>1</sup>, Gaponenco Sergey<sup>1</sup>, Monaico Eduard<sup>2</sup>, Sergentu Vladimir<sup>3</sup>, Tiginyanu Ion<sup>2</sup>*

<sup>1</sup> Stepanov Institute of Physics, National Academy of Sciences of Belarus,

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

<sup>3</sup> Institute of Applied Physics

#### **Semiconductors**

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Disponibil online 2 April, 2019. Descarcări-0. Vizualizări-769

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#### **Possible coherent backscattering of lightwaves from a strongly absorbing nanoporous medium**

*Gaponenco Sergey<sup>1</sup>, Monaico Eduard<sup>2</sup>, Sergentu Vladimir<sup>3</sup>, Prislopski Sergey<sup>1</sup>, Tiginyanu Ion<sup>2</sup>*

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#### **Journal of Optics (United Kingdom)**

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### **2016 - 1**

#### **Anomalous retroreflection from nanoporous materials as backscattering by 'dark' and 'bright' modes**

*Sergentu Vladimir<sup>1</sup>, Prislopski Sergey<sup>2</sup>, Monaico Eduard<sup>3</sup>, Ursachi Veaceslav<sup>4</sup>, Gaponenco Sergey<sup>2</sup>, Tiginyanu Ion<sup>3</sup>*

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#### **Journal of Optics (United Kingdom)**

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### **2014 - 1**

#### **Retroreflection of light from nanoporous InP: correlation with high absorption**

*Prislopski Sergey<sup>1</sup>, Tiginyanu Ion<sup>2,3</sup>, Ghimpu Lidia<sup>2</sup>, Monaico Eduard<sup>3</sup>, Sirbu Lilian<sup>2</sup>, Gaponenco Sergey<sup>1</sup>*

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## **Applied Physics A: Materials Science and Processing**

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## **2013 - 1**

### **Retroreflection from nanoporous InP**

*Prislopski Sergey<sup>1</sup>, Naumenko Elena<sup>1</sup>, Tiginyanu Ion<sup>23</sup>, Ghimpur Lidia<sup>2</sup>, Monaico Eduard<sup>3</sup>, Sirbu Lilian<sup>2</sup>, Gaponenco Sergey<sup>1</sup>*

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## **Nanotechnologies and Biomedical Engineering**

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Disponibil online 19 June, 2019. Descarcări-0. Vizualizări-635

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## **2011 - 2**

### **Anomalous retroreflection from strongly absorbing nanoporous semiconductors**

*Prislopski Sergey<sup>1</sup>, Naumenko Elena<sup>1</sup>, Tiginyanu Ion<sup>23</sup>, Ghimpur Lidia<sup>2</sup>, Monaico Eduard<sup>3</sup>, Sirbu Lilian<sup>2</sup>, Gaponenco Sergey<sup>1</sup>*

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## **Optics Letters**

Vol. 36, / 2011 / ISSN 0146-9592 / ISSNe 1539-4794

Disponibil online 28 March, 2018. Descarcări-0. Vizualizări-609

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### **Retroreflection from disordered porous semiconductors**

*Prislopski Sergey<sup>1</sup>, Tiginyanu Ion<sup>2</sup>, Ghimpur Lidia<sup>2</sup>, Monaico Eduard<sup>3</sup>, Sirbu Lilian<sup>2</sup>, Autor Nou<sup>14</sup>, Gaponenco Sergey<sup>1</sup>*

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## **International Conference on Transparent Optical Networks**

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