

## [Șikimaka Olga](#)

5. Publicații la manifestări din RM

5.4. Teze / rezumate în culegerile de la alte manifestări din RM - 19

**Teze/Rezumate în culegeri - 26.**

### **2023 - 1**

#### **General Nature of Serration Effect in Crystals and Other Materials Under Indentation**

*Grabco Daria<sup>1</sup>, Pyrtsac Constantin<sup>1,2</sup>, Șikimaka Olga<sup>1</sup>*

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#### **IFMBE Proceedings Nanotechnologies and Biomedical Engineering**

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### **2017 - 2**

#### **Obtaining and characterization of glasses from BaO - B2O3 - TiO2 system**

*Boroica Lucica<sup>1</sup>, Sava Bogdan Alexandru<sup>1</sup>, Elișa Mihail<sup>2</sup>, Șikimaka Olga<sup>3</sup>, Grabco Daria<sup>3</sup>, Popa (Bivol) Mihaela<sup>3</sup>, Barbos (Dăniță) Zinaida<sup>3</sup>, Harea Evghenii<sup>3</sup>*

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#### **Central and Eastern European Conference on Thermal Analysis and Calorimetry**

Nr. 3-4(44) / 2007 / ISSN 1810-6455

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#### **Thermal and mechanical investigations on dysprosium and terbium-doped boro-phosphate glass**

*Sava Bogdan Alexandru<sup>1</sup>, Boroica Lucica<sup>1</sup>, Elișa Mihail<sup>2</sup>, Bartha Maria Cristina<sup>3</sup>, Șikimaka Olga<sup>4</sup>, Grabco Daria<sup>4</sup>, Popa (Bivol) Mihaela<sup>4</sup>, Barbos (Dăniță) Zinaida<sup>4</sup>*

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#### **Central and Eastern European Conference on Thermal Analysis and Calorimetry**

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Disponibil online 28 August, 2019. Descarcări-1. Vizualizări-895

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### **2016 - 5**

#### **Boron-phosphate sol-gel thin films doped with dysprosium and terbium ions**

*Sava Bogdan Alexandru<sup>1</sup>, Boroica Lucica<sup>1</sup>, Elișa Mihail<sup>2</sup>, Monteiro Regina C C.<sup>3</sup>, Șikimaka Olga<sup>4</sup>, Grabco Daria<sup>4</sup>, Iordanescu Raluca<sup>2</sup>, Kuncser Victor Eugen<sup>5</sup>*

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

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Disponibil online 29 July, 2019. Descarcări-0. Vizualizări-708

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### **Factors influencing the relaxation processes under indentation**

*Şikimaka Olga*

Institute of Applied Physics, Academy of Sciences of Moldova

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

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### **Fracture toughness and hardness at micro- and nanoindentation of phosphate glasses depending on their composition**

*Popa (Bivol) Mihaela<sup>1</sup>, Şikimaka Olga<sup>1</sup>, Grabco Daria<sup>1</sup>, Sava Bogdan Alexandru<sup>2</sup>, Boroica Lucica<sup>2</sup>, Elişa Mihail<sup>3</sup>, Pyrtsac Constantin<sup>1</sup>, Barbos (Dăniţă) Zinaida<sup>1</sup>, Răzlog (Belei) Ina<sup>1</sup>*

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### **Magnetron sputtering multistrate thin layers deposition from doped boron-phosphate systems**

*Boroica Lucica<sup>1</sup>, Sava Bogdan Alexandru<sup>1</sup>, Şikimaka Olga<sup>2</sup>, Grabco Daria<sup>2</sup>, Elişa Mihail<sup>3</sup>, Iordanescu Raluca<sup>3</sup>, Monteiro Regina C C.<sup>4</sup>, Medianu R.V.<sup>1</sup>*

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### **Prolonged holding and cyclic loading indentation of aluminophosphate glass: kinetics of deformation**

*Răzlog (Belei) Ina<sup>1</sup>, Şikimaka Olga<sup>1</sup>, Grabco Daria<sup>1</sup>, Sava Bogdan Alexandru<sup>2</sup>, Boroica Lucica<sup>2</sup>, Elişa Mihail<sup>3</sup>, Pyrtsac Constantin<sup>1</sup>, Prisăcaru Andrian<sup>1</sup>, Popa Mihail<sup>1</sup>*

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## 2015 - 1

### **Effect of spin coating technique on mechanical properties of silicophosphate thin film doped by neodymium**

*Grabco Daria<sup>1</sup>, Şikimaka Olga<sup>1</sup>, Elişa Mihail<sup>2</sup>, Sava Bogdan Alexandru<sup>2</sup>, Boroica Lucica<sup>3</sup>, Harea Evghenii<sup>1</sup>, Pyrtsac Constantin<sup>1</sup>, Prisăcaru Andrian<sup>1</sup>, Feraru Ionuţ D.<sup>2</sup>, Barbos (Dăniţă) Zinaida<sup>1</sup>, Vreme Ia.<sup>1</sup>*

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### **Nanotechnologies and Biomedical Engineering**

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

Disponibil online 9 April, 2019. Descarcări-0. Vizualizări-720

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## 2014 - 4

### **Doped boro-phosphate vitreous materials as PLD thin films, obtaining and properties**

*Sava Bogdan Alexandru<sup>1</sup>, Boroica Lucica<sup>1</sup>, Elişa Mihail<sup>2</sup>, Socol G.<sup>1</sup>, Andrei A.<sup>1</sup>, Niculescu A.<sup>1</sup>, Şikimaka Olga<sup>3</sup>, Grabco Daria<sup>3</sup>*

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

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### **Magneto-optical and mechanical properties of rare-earth doped phosphate glasses**

*Boroica Lucica<sup>1</sup>, Sava Bogdan Alexandru<sup>1</sup>, Elişa Mihail<sup>2</sup>, Valeanu M.<sup>3</sup>, Kuncser Victor Eugen<sup>3</sup>, Sofronie M.<sup>3</sup>, Şikimaka Olga<sup>4</sup>, Grabco Daria<sup>4</sup>*

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

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### **Mechanical behavior at point contact of CdGa<sub>2</sub>S<sub>4</sub> and CdGa<sub>2</sub>Se<sub>4</sub>**

*Pyrtsac Constantin<sup>1</sup>, Şikimaka Olga<sup>1</sup>, Grabco Daria<sup>1</sup>, Prisăcaru Andrian<sup>1</sup>, Parvan Vladimir<sup>2</sup>, Ursaki Veaceslav<sup>3</sup>*

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

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**Micro- and macro-mechanical properties of aluminophosphate glasses depending on their composition and loading conditions**

*Șikimaka Olga<sup>1</sup>, Grabco Daria<sup>1</sup>, Sava Bogdan Alexandru<sup>2</sup>, Elișa Mihail<sup>3</sup>, Boroica Lucica<sup>2</sup>, Harea Evghenii<sup>1</sup>, Pyrtsac Constantin<sup>1</sup>, Prisăcaru Andrian<sup>1</sup>, Spoială Dorin<sup>4</sup>*

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**2013 - 1**

**Deformation under nano/microindentation of LiF, MgO, Si monocrystals stipulated as support materials for Cu/substrate structures **

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Disponibil online 14 June, 2019. Descarcări-0. Vizualizări-578

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**2012 - 2**

**Creep and relaxation of Si single crystal under dynamic indentation**

*Șikimaka Olga, Prisăcaru Andrian*

Institute of Applied Physics

**Materials Science and Condensed Matter Physics**

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

Disponibil online 19 March, 2020. Descarcări-0. Vizualizări-545

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**Surface morphology and strength behaviour of vitreous films doped by neodymium**

*Grabco Daria<sup>1</sup>, Șikimaka Olga<sup>1</sup>, Elișa Mihail<sup>2</sup>, Sava Bogdan Alexandru<sup>2</sup>, Boroica Lucica<sup>3</sup>, Harea Evghenii<sup>1</sup>, Pyrtsac Constantin<sup>1</sup>, Prisăcaru Andrian<sup>1</sup>, Barbos (Dăniță) Zinaida<sup>1</sup>, Feraru Ionuț D.<sup>2</sup>, Ursu Daniel Horatiu<sup>2</sup>*

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**2010 - 3**

## **CPPP 17 P Visualitation of undulatory mass transfer in near-surface vicinity of indentation contact zone**

*Grabco Daria, Şikimaka Olga, Harea Evghenii, Pyrtsac Constantin*

Institute of Applied Physics

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

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## **Deformation response of LIF single crystals to multiple micro-Vickers indentation**

*Grabco Daria<sup>1</sup>, Şikimaka Olga<sup>1</sup>, Barbos (Dăniţă) Zinaida<sup>1</sup>, Rapoport L.<sup>2</sup>*

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

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Disponibil online 16 April, 2021. Descarcări-0. Vizualizări-428

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## **Peculiarities of phase transformation in crystalline silicon under local loading**

*Şikimaka Olga, Prisăcaru Andrian, Pyrtsac Constantin*

Institute of Applied Physics

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

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