

**National Research Centre "Kurchatov Institute", Moscow**  
Lista publicațiilor - 26 articole. [Descărcări](#) - 35. [Vizualizări](#) - 51959.

[Publicații la conferințe din RM](#) - 14. [Publicații peste hotare](#) - 12.

## 2010 - 1

### **NNN 16 P Influence of nitrogen dioxide adsorption on conductivity in nanocrystalline indium oxide**

*Martyshov M., Forsh Ekaterina, Marikutsa A., Forsh Pavel, Rumyantseva M., Gaskov A., Kashkarov P.*

**Materials Science and Condensed Matter Physics**

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

Disponibil online 21 April, 2021. Descărcări-0. Vizualizări-397

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## 2012 - 3

### **From FAIR to RHIC, hyper clusters and an effective strange eos for QCD**

*Steinheimer Jan, Botvina Alexander, Gudima Konstantin K., Mishustin I., Schramm Stefan, Bleicher Marcus J., Stocker Horst*

**Acta Physica Polonica B**

Vol. 43, / 2012 / ISSN 0587-4254 / ISSN<sub>e</sub> 1509-5770

Disponibil online 23 February, 2024. Descărcări-0. Vizualizări-61

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### **NNN 10 P Influence of nitrogen dioxide adsorption on frequency dependences of conductivity in nanocrystalline indium oxide**

*Forsh Ekaterina, Voronin K., Martyshov M., Marikutsa A., Forsh Pavel, Rumyantseva M., Gaskov A., Kashkarov P.*

**Materials Science and Condensed Matter Physics**

Nr. 2(17) / 2006 / ISSN 1810-1852 / ISSN<sub>e</sub> 1810-1879

Disponibil online 25 March, 2020. Descărcări-0. Vizualizări-656

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### **Structural, optical and photoelectric properties of a-Si:H films treated by femtosecond laser pulses**

*Emelyanov Andrey, Kashkarov P., Kazanskii Andrey, Kazansky Peter, Khenkin Mark, Forsh Pavel*

**Materials Science and Condensed Matter Physics**

Nr. 2(17) / 2006 / ISSN 1810-1852 / ISSN<sub>e</sub> 1810-1879

Disponibil online 23 March, 2020. Descărcări-0. Vizualizări-618

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## 2013 - 3

### **Down-shifter luminescent features engineering in amorphous silicon by femtosecond laser**

*Forsh Pavel, Emelyanov Andrey, Kazanskii Andrey, Khenkin Mark, Zobotnov Stanislav, Kashkarov P., Gecevicius Mindaugas, Beresna Martynas, Kazansky Peter*

**Nanotechnologies and Biomedical Engineering**

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

Disponibil online 19 June, 2019. Descărcări-0. Vizualizări-571

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### **Stretched-exponential photoconductivity decay in nanocrystalline indium oxide**

*Forsh Ekaterina, Ilyin Alexander, Martyshov M., Forsh Pavel, Kashkarov P.*

## **Nanotechnologies and Biomedical Engineering**

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

Disponibil online 19 June, 2019. Descarcări-0. Vizualizări-562

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### **Structural and magnetic properties of In<sub>1-x</sub>MnxSb: Effect of Mn complexes and MnSb nanoprecipitates**

*Kochura Alexey, Aronzon Boris, Lisunov Konstantin, Lashkul Alexander V., Sidorenko Andrey A., De Renzi Roberto, Marenkin Sergey, Alam Mahmudul T., Kuzmenko Alexander, Lähderanta Erkki*

#### **Journal of Applied Physics**

Vol. 113, / 2013 / ISSN 0021-8979 / ISSNe 1089-7550

Disponibil online 7 November, 2023. Descarcări-0. Vizualizări-136

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## **2014 - 4**

### **Magnetic and transport properties of In<sub>1-x</sub>MnxSb with MnSb nanoprecipitates**

*Lähderanta Erkki, Lisunov Konstantin, Kochura Alexey, Aronzon Boris, Lashkul Alexander V., Shakhov Mikhail*

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

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

Disponibil online 22 February, 2019. Descarcări-2. Vizualizări-730

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### **Optical and photoelectrical features in nanocrystalline indium oxide**

*Forsh Ekaterina, Martyshov M., Forsh Pavel, Kashkarov P.*

#### **Microelectronics and Computer ScienceThe 5th International Conference**

Nr. 1(8) / 2009 / ISSN 1810-648X / ISSNe 2537-6365

Disponibil online 11 April, 2019. Descarcări-0. Vizualizări-670

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### **Photoluminescence of hydrogenated nanocrystalline silicon films**

*Emelyanov Andrey, Kazanskii Andrey, Forsh Pavel, Zhigunov Denis, Khenkin Mark, Kashkarov P.*

#### **Microelectronics and Computer ScienceThe 5th International Conference**

Nr. 1(8) / 2009 / ISSN 1810-648X / ISSNe 2537-6365

Disponibil online 11 April, 2019. Descarcări-0. Vizualizări-594

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### **Structure features of protocrystalline silicon films**

*Vorontsov Alexander, Emelyanov Andrey, Forsh Pavel, Konstantinova Elizaveta, Kashkarov P.*

#### **Microelectronics and Computer ScienceThe 5th International Conference**

Nr. 1(8) / 2009 / ISSN 1810-648X / ISSNe 2537-6365

Disponibil online 11 April, 2019. Descarcări-0. Vizualizări-754

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## **2015 - 1**

### **UV effect on NO<sub>2</sub> sensing properties of nanocrystalline In<sub>2</sub>O<sub>3</sub>**

*Ilin A., Fantina N., Martyshov M., Forsh Pavel, Forsh Ekaterina, Kashkarov P.*

#### **Nanotechnologies and Biomedical Engineering**

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

Disponibil online 13 April, 2019. Descarcări-0. Vizualizări-582

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## 2016 - 3

### **Effect of cadmium selenide quantum dots implantation on electrical and photoelectrical properties of indium oxide**

*Forsh Pavel, Ilin A., Fantina N., Martyshov M., Kashkarov P.*

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

Nr. 3(4) / 2005 / ISSN 1810-648X / ISSN<sub>e</sub> 2537-6365

Disponibil online 31 July, 2019. Descarcări-0. Vizualizări-784

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### **Femtosecond laser crystallization of boron-doped amorphous hydrogenated silicon films**

*Rybalko P., Khenkin Mark, Forsh Pavel, Drevinskas R., Matsukatova A., Ilin A., Kazansky Peter, Kazanskii Andrey*

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

Nr. 3(4) / 2005 / ISSN 1810-648X / ISSN<sub>e</sub> 2537-6365

Disponibil online 31 July, 2019. Descarcări-0. Vizualizări-742

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### **Yields of nuclear fragments in the interactions of carbon nuclei with a beryllium target at a projectile energy of 0.6 GeV per nucleon**

*Abramov B., Alexeev P., Borodin Yu., Bulychjov S., Gudima Konstantin K., Dukhovskoy I., Krutenkova Anna, Kulikov V., Martemianov Maxim, Matsyuk M., Mashnik Stepan, Turdakina E.*

#### **Physics of Atomic Nuclei**

Nr. 5(79) / 2016 / ISSN 1063-7788

Disponibil online 16 June, 2022. Descarcări-0. Vizualizări-350

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## 2017 - 2

### **Carbon fragmentation at 300 MeV/nucleon vs transport codes**

*Abramov B., Alexeev P., Borodin Yu., Bulychjov S., Dukhovskoy I., Gudima Konstantin K., Khanov A., Krutenkova Anna, Kulikov V., Martemianov Maxim, Mashnik Stepan, Matsyuk M., Turdakina E.*

#### **EPJ Web of Conferences**

Nr. 2(9) / 2014 / ISSN 1857-2367 / ISSN<sub>e</sub> 2587-3814

Disponibil online 18 February, 2022. Descarcări-0. Vizualizări-347

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### **Study of chlorine-substituted p-xylylene polymerization using high-vacuum in situ DSC**

*Buzin Alexander, Streltsov Dmitry, Dmitryakov Petr, Chvalun Sergei*

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

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

Disponibil online 24 October, 2019. Descarcări-1. Vizualizări-433

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## 2018 - 3

### **Measurements and analysis of $^{178}\text{m}2\text{Hf}$ production cross sections under natTa and natW irradiation by protons with 0.04-2.6 GeV energies**

*Titarenko Yu., Pavlov Kirill, Titarenko Aleksey, Chauzova M., Zhivun Valery, Ignatyuk Anatoly, Mashnik Stepan, Stankovsky Alexey, Chigrinov Sergey, Gudima Konstantin K.*

#### **Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment**

Nr. 880 / 2018 / ISSN 0168-9002

Disponibil online 24 February, 2018. Descarcări-0. Vizualizări-768

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**Nuclear Fragments in the Interactions of Carbon Nuclei with a Beryllium Target at the Energy of 0.95 GeV per Nucleon**

*Abramov B., Alexeev P., Borodin Yu., Bulychjov S., Gudima Konstantin K., Dukhovskoy I., Krutenkova Anna, Kulikov V., Martemianov Maxim, Matsyuk M., Turdakina E., Khanov A.*

**Physics of Atomic Nuclei**

Nr. 3(81) / 2018 / ISSN 1063-7788

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**Photoactivated sensitivity of In<sub>2</sub>O<sub>3</sub>-ZnO composite films to hydrogen**

*Ilin A., Forsh Pavel, Ikim M. I., Trakhtenberg Leonid*

**Materials Science and Condensed Matter Physics**

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

Disponibil online 17 January, 2019. Descarcări-11. Vizualizări-864

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**2019 - 2**

**Nuclear Fragments in <sup>12</sup>C + <sup>9</sup>Be Interactions at an Energy of 2 GeV per Nucleon**

*Abramov B., Baznat Mircea, Borodin Yu., Bulychjov S., Dukhovskoy I., Krutenkova Anna, Kulikov V., Martemianov Maxim, Matsyuk M., Turdakina E., Khanov A.*

**Physics of Atomic Nuclei**

Nr. 6(82) / 2019 / ISSN 1063-7788

Disponibil online 9 March, 2020. Descarcări-0. Vizualizări-548

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**Quantitative analysis of "structure - Anticancer activity" and rational molecular design of bi-functional VEGFR-2/HDAC-inhibitors**

*Tinkov Oleg, Polisciuc Pavel, Khachatryan D., Kolotaev A., Balaev A., Osipov Vasiliy, Grigorev Veniamin*

**Computer Research and Modeling**

Nr. 5(11) / 2019 / ISSN 2076-7633

Disponibil online 4 December, 2019. Descarcări-10. Vizualizări-787

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**2020 - 1**

**<sup>208,207,206,nat</sup>Pb(p,x)<sup>207</sup>Bi and <sup>209</sup>Bi (p,x)<sup>207</sup>Bi excitation functions in the energy range of 0.04 - 2.6 GeV**

*Titarenko Yu., Batyaev Viacheslav, Baznat Mircea*

**Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment**

Nr. 984 / 2020 / ISSN 0168-9002

Disponibil online 22 October, 2020. Descarcări-0. Vizualizări-483

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**2021 - 2**

**Cumulative  $\pi$ -Mesons in <sup>12</sup>C + <sup>9</sup>Be-Interactions at 3.2 GeV/Nucleon**

*Abramov B., Baznat Mircea, Borodin Yu., Dukhovskoy I., Krutenkova Anna, Kulikov V., Martemianov Maxim, Matsyuk M., Turdakina E.*

### **Physics of Atomic Nuclei**

Nr. 4(84) / 2021 / ISSN 1063-7788

Disponibil online 20 September, 2021. Descarcări-0. Vizualizări-296

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### **Impact of Chronic Oral Administration of Silver Nanoparticles on Cognitive Abilities of Mice**

*Ivlieva Alexandra, Petritskaya Elena, Rogatkin Dmitriy, Demin Vyacheslav, Glazkov Alexey, Zinicovscaia Inga, Pavlov Sergey, Frontasyeva Marina*

### **Physics of Particles and Nuclei Letters**

Vol. 18, / 2021 / ISSN 1547-4771

Disponibil online 29 April, 2021. Descarcări-0. Vizualizări-544

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## **2022 - 1**

### **206,207,208,natPb(p,x)194Hg and 209Bi(p,x)194Hg excitation functions in the energy range 0.04-2.6 GeV**

*Titarenko Yu., Batyaev Viacheslav, Pavlov Kirill, Titarenko Alexey, Malinovskiy S., Rogov V., Zhivun Valery, Kulevoy Timur, Chazova M., Khalikov R., Ignatyuk Anatoly, Blandinskiy V., Kovalishin A., Baznat Mircea, Stankovsky Alexey, Dubrouski A., Kiyavitskaya A., Xue Tao, Tian Yang, Zeng Ming, Zeng Zhi, Normahmedov O., Sato Tatsihiko*

### **Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment**

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Disponibil online 12 January, 2022. Descarcări-0. Vizualizări-368

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