

MagNet, Wrocław

Lista publicațiilor - 13 articole. [Descărcări](#) - 20. [Vizualizări](#) - 5080.

[Articole în reviste din RM](#) - 1. [Publicații la conferințe din RM](#) - 3. [Publicații peste hotare](#) - 9.

## 2021 - 3

**Magnetothermopower features in bismuth wires at 80 K**

*Kondrya Elena, Muntyanu Fiodor M., Gilewski Andrzej*

**The 12th international conference on intrinsic Josephson effect and horizons of superconducting spintronics**

Nr. 1(17) / 2008 / ISSN 1857-0240 / ISSNe 2537-6330

Disponibil online 18 March, 2022. Descarcări-0. Vizualizări-325

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**Superconductivity, Weak Magnetism, and Quantum Transport of Bi<sub>1-x</sub>Sb<sub>x</sub> (0.07 ≤ x ≤ 0.2) Crystallite Structures with Nano-width Interfaces an at Increased Degree of Imperfection**

*Muntyanu Fiodor M., Gilewski Andrzej, Nenkov Konstantin A., Zaleski Andrzej Janusz, Chistol Vitalie*

**Nanotechnologies and Biomedical Engineering**

Nr. 9(1) / 2012 / ISSN 1857-4114 / ISSNe 2537-6438

Disponibil online 16 November, 2021. Descarcări-9. Vizualizări-441

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**Thermopower peculiarities and Umkehr effect in strained bismuth wires**

*Kondrya Elena, Gilewski Andrzej, Nicorici Valentina*

**Physics Letters, Section A: General, Atomic and Solid State Physics**

Nr. 409 / 2021 / ISSN 0375-9601

Disponibil online 28 June, 2021. Descarcări-0. Vizualizări-303

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## 2020 - 1

**Influence of the pronounced degree of imperfection on the superconductivity, weak magnetism, and quantum transport of crystallite structures with one or more nano-width multilayer interfaces of Bi<sub>1-x</sub>Sb<sub>x</sub> (0.07 ≤ x ≤ 0.2) alloys**

*Muntyanu Fiodor M., Gilewski Andrzej, Nenkov Konstantin A., Zaleski Andrzej Janusz, Chistol Vitalie*

**Physica B: Condensed Matter**

Vol. 592, / 2020 / ISSN - / ISSNe 0921-4526

Disponibil online 2 June, 2020. Descarcări-0. Vizualizări-824

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## 2018 - 2

**Quantum transport, superconductivity, and weak ferromagnetism at bicrystal interfaces of Bi and 3D topological insulator BiSb**

*Muntyanu Fiodor M., Gilewski Andrzej, Zaleski Andrzej Janusz, Chistol Vitalie, Munteanu Viorel, Rogacki Krzysztof, Sidorenko Anatolie*

**NanoScience and Technology**

// ISSN -

Disponibil online 6 December, 2021. Descarcări-0. Vizualizări-452

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**Umkehr effect in the thermopower of bismuth wires**

*Kondrya Elena, Gilewski Andrzej, Muntyanu Fiodor M., Nicorici Valentina*

**Materials Science and Condensed Matter Physics**

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

Disponibil online 16 January, 2019. Descarcări-10. Vizualizări-958

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**2017 - 1**

**Effect of a strain on the magnetotransport properties of Bi wires**

*Kondrya Elena, Gilewski Andrzej, Muntyanu Fiodor M.*

**Indian Journal of Physics**

Nr. 8(91) / 2017 / ISSN 0973-1458

Disponibil online 15 February, 2018. Descarcări-1. Vizualizări-846

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**2016 - 1**

**Magnetoresistance peculiarities of bismuth wires in high magnetic field**

*Kondrya Elena, Gilewski Andrzej, Nikorich Andrey V.*

**Physics Letters, Section A: General, Atomic and Solid State Physics**

Nr. 11-12(380) / 2016 / ISSN 0375-9601

Disponibil online 2 August, 2022. Descarcări-0. Vizualizări-312

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**2013 - 2**

**High-field peculiarities of galvanomagnetic quantum oscillations in Bi bicrystals with nano-width superconducting crystallite interfaces**

*Muntyanu Fiodor M., Gilewski Andrzej, Nenkov Konstantin A., Zaleski Andrzej Janusz, Palewski Tomasz, Chistol Vitalie*

**Solid State Communications**

Vol. 158, / 2013 / ISSN 0038-1098 / ISSNe 1879-2766

Disponibil online 14 November, 2023. Descarcări-0. Vizualizări-130

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**Strain induced peculiarities in transport properties of Bi nanowires**

*Kondrya Elena, Gilewski Andrzej, Nicorici Alexandr*

**Journal of Physics Condensed Matter**

Vol. 25, / 2013 / ISSN 0953-8984 / ISSNe 1361-648X

Disponibil online 20 June, 2024. Descarcări-0. Vizualizări-12

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**2011 - 1**

**Magnetic properties and superconductivity of nano-width crystallite interfaces of bicrystals and tricrystals of Bi<sub>1-x</sub>Sb<sub>x</sub> (x≤0.2) alloys**

*Muntyanu Fiodor M., Gilewski Andrzej, Nenkov Konstantin A., Zaleski Andrzej Janusz, Chistol Vitalie*

**Physica Status Solidi (B) Basic Research**

Vol. 248, / 2011 / ISSN 0370-1972

Disponibil online 15 September, 2023. Descarcări-0. Vizualizări-193

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## 2010 - 1

### **Quantum transport, superconductivity, and weak ferromagnetism at bicrystal interfaces of Bi and 3D topological insulator BiSb**

*Muntyanu Fiodor M., Gilewski Andrzej, Zaleski Andrzej Janusz, Chistol Vitalie, Munteanu Viorel, Rogacki Krzysztof, Sidorenko Anatolie*

#### **NanoScience and Technology 2018**

Dusseldorf: Springer Verlag, 2018, ISSN 14344904.

Disponibil online 7 February, 2024. Descarcări-0. Vizualizări-84

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## 2006 - 1

### **Experimental magnetization evidence for two superconducting phases in Bi bicrystals with large crystallite disorientation angles**

*Muntyanu Fiodor M., Gilewski Andrzej, Nenkov Konstantin A., Warchulska Jolanta K., Zaleski Andrzej Janusz*

#### **Physical Review B - Condensed Matter and Materials Physics**

Vol. 73, / 2006 / ISSN 1098-0121 / ISSNe 1550-235X

Disponibil online 28 June, 2023. Descarcări-0. Vizualizări-200

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