

4. Articole în reviste de peste hotare  
4.2. Articole în reviste din Scopus - 4

**Effect of pressure on the magnetic and transport properties of the ferrimagnetic semiconductor FeCr<sub>2</sub>S<sub>4</sub>**

*Tsurkan Vladimir<sup>1,2,3</sup>, Fita Ivan M.<sup>2,4</sup>, Baran Marek A.<sup>2</sup>, Puzniak Roman<sup>2</sup>, Samusi D.<sup>1</sup>, Szymczak Ritta A.<sup>2</sup>, Szymczak Henrick F.<sup>2</sup>, Klimm S.<sup>3</sup>, Klemm Matthias<sup>3</sup>, Hörn Siegfried<sup>3</sup>, Tidecks Reinhard<sup>3</sup>*

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

<sup>2</sup> Institute of Physics, Polish Academy of Science, Warsaw,

<sup>3</sup> Institut für Physik, Universität Augsburg,

<sup>4</sup> Donetsk Institute of Physics and Technology named after A. A. Galkin of the NASU

**Journal of Applied Physics**

Vol. 90, / 2001 / ISSN 0021-8979 / ISSN<sub>e</sub> 1089-7550

Disponibil online 30 October, 2023. Descarcări-0. Vizualizări-161

---

**Magnetic phase transition in MnCr<sub>2-2x</sub>In<sub>2x</sub>S<sub>4</sub> crystals**

*Tsurkan Vladimir<sup>1,2</sup>, Baran Marek A.<sup>1</sup>, Szewczyk Andrzej<sup>1</sup>, Szymczak Ritta A.<sup>1</sup>, Szymczak Henrick F.<sup>1</sup>*

<sup>1</sup> Institute of Physics, Polish Academy of Science, Warsaw,

<sup>2</sup> Institute of Applied Physics, Academy of Sciences of Moldova

**Journal of Physics Condensed Matter**

Vol. 11, / 1999 / ISSN 0953-8984 / ISSN<sub>e</sub> 1361-648X

Disponibil online 1 March, 2024. Descarcări-0. Vizualizări-137

---

**Spin glass and percolation in MnCr<sub>2-2x</sub>In<sub>2x</sub>S<sub>4</sub> system**

*Tsurkan Vladimir<sup>1,2</sup>, Baran Marek A.<sup>1</sup>, Szymczak Ritta A.<sup>1</sup>, Szymczak Henrick F.<sup>1</sup>*

<sup>1</sup> Institute of Physics, Polish Academy of Science, Warsaw,

<sup>2</sup> Institute of Applied Physics, Academy of Sciences of Moldova

**Journal of Magnetism and Magnetic Materials**

Vol. 172, / 1997 / ISSN 0304-8853

Disponibil online 20 February, 2024. Descarcări-0. Vizualizări-136

---

**Spin glass like behavior of magnetization in anion substituted CuCr<sub>2</sub>Se<sub>4</sub> magnetic semiconductor**

*Baran Marek A.<sup>1</sup>, Szymczak Ritta A.<sup>1</sup>, Szymczak Henrick F.<sup>1</sup>, Tsurkan Vladimir<sup>2</sup>*

<sup>1</sup> Institute of Physics, Polish Academy of Science, Warsaw,

<sup>2</sup> Institute of Applied Physics, Academy of Sciences of Moldova

**Journal of Magnetism and Magnetic Materials**

Vol. 140-144, / 1995 / ISSN 0304-8853

Disponibil online 20 February, 2024. Descarcări-0. Vizualizări-120

---