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Lista publicațiilor - 11 articole. [Descărcări](#) - 15. [Vizualizări](#) - 17252.

[Publicații peste hotare](#) - [11](#).

2020 - 2

Magnetic anisotropy and exchange paths for octahedrally and tetrahedrally coordinated Mn²⁺ ions in the honeycomb multiferroic Mn₂Mo₃O₈

Szaller David, Szasz Krisztian, Bordacs Sandor, Viirok Johan, Room Toomas, Nagel Urmas, Shuvaev Alexey M., Weymann Lukas, Pimenov Andrei G., Tsirlin Alexander A., Jesche Anton, Prodan Lilian, Tsurkan Vladimir, Kezsmarki Istvan

Physical Review B

Vol. 102, / 2020 / ISSN 2469-9950 / ISSNe 2469-9969

Disponibil online 6 November, 2020. Descarcări-0. Vizualizări-548

Stability of Néel-type skyrmion lattice against oblique magnetic fields in GaV₄S₈ and GaV₄Se₈

Gross Boris, Philipp Simon, Geirhos Korbinian, Mehlin Andrea, Bordacs Sandor, Tsurkan Vladimir, Leonov Andrey O., Kezsmarki Istvan, Poggio Martino

Physical Review B

Vol. 102, / 2020 / ISSN 2469-9950 / ISSNe 2469-9969

Disponibil online 8 November, 2020. Descarcări-0. Vizualizări-533

2019 - 1

Optically Driven Collective Spin Excitations and Magnetization Dynamics in the Néel-type Skyrmion Host GaV₄S₈

Padmanabhan Prashant, Sekiguchi Fumiya, Versteeg Rolf B., Slivina Evgeniia, Tsurkan Vladimir, Bordacs Sandor, Kezsmarki Istvan, Van Loosdrecht Paul H.M.M.

Physical Review Letters

Nr. 10(122) / 2019 / ISSN 0031-9007

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2018 - 1

Direct evidence for cycloidal modulations in the thermal-fluctuation-stabilized spin spiral and skyrmion states of GaV₄S₈

White Jonathan Stuart, Butykai Adam, Cubitt Robert, Honecker Dirk, Dewhurst Charles David, Kiss L., Tsurkan Vladimir, Bordacs Sandor

Physical Review B

Vol. 97, / 2018 / ISSN 2469-9950 / ISSNe 2469-9969

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2017 - 5

Characteristics of ferroelectric-ferroelastic domains in Néel-type skyrmion host GaV₄S₈

Butykai Adam, Bordacs Sandor, Kezsmarki Istvan, Tsurkan Vladimir, Loidl Alois, Doring Jonathan, Neuber Erik, Milde Peter, Kehr Susanne C., Eng Lukas M.

Scientific Reports

Vol. 7, / 2017 / ISSN 2045-2322

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Equilibrium skyrmion lattice ground state in a polar easy-plane magnet

Bordacs Sandor, Butykai Adam, Szigeti Bertalan György, White Jonathan Stuart, Cubitt Robert, Leonov Andrey O., Widmann S., Ehlers Dieter, Krug Von Nidda Hans Albrecht, Tsurkan Vladimir, Loidl Alois, Kezsmarki Istvan

Scientific Reports

Vol. 7, / 2017 / ISSN 2045-2322

Disponibil online 1 February, 2018. Descarcări-1. Vizualizări-830

On the multiferroic skyrmion-host GaV4S8

Widmann S., Ruff E., Gunther A., Krug Von Nidda Hans Albrecht, Lunkenheimer Peter, Tsurkan Vladimir, Bordacs Sandor, Kezsmarki Istvan, Loidl Alois

Philosophical Magazine

Nr. 36(97) / 2017 / ISSN 1478-6535

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Optical conductivity in multiferroic GaV4 S8 and GeV4 S8: Phonons and electronic transitions

Reschke Stephan, Mayr Franz, Wang Zhe, Lunkenheimer Peter, Li Weiwu, Szaller David, Bordacs Sandor, Kezsmarki Istvan, Tsurkan Vladimir, Loidl Alois

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Relaxation dynamics of modulated magnetic phases in the skyrmion host GaV4 S8: An ac magnetic susceptibility study

Butykai Adam, Bordacs Sandor, Kiss Laszlo Ferenc, Szigeti Bertalan György, Tsurkan Vladimir, Loidl Alois, Kezsmarki Istvan

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2015 - 2

Multiferroicity and skyrmions carrying electric polarization in GaV4S8

Ruff E., Widmann S., Lunkenheimer Peter, Tsurkan Vladimir, Bordacs Sandor, Kezsmarki Istvan, Loidl Alois

Science Advances

Vol. 1, Nr. 10 / 2015 / ISSN 2375-2548

Disponibil online 29 May, 2023. Descarcări-0. Vizualizări-226

Neel-type skyrmion lattice with confined orientation in the polar magnetic semiconductor GaV4S8



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Vol. 14, / 2015 / ISSN 1476-1122 / ISSNe 1476-4660

Disponibil online 20 June, 2023. Descărcări-0. Vizualizări-220



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