

Evgeniya Moshkina

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Influence of Jahn-Teller Cu ²⁺ doping on the structural and magnetic properties of quasi-two-dimensional oxyborate (Ni,Cu) ₂ MnBO ₅ . Journal of Magnetism and Magnetic Materials, 2022, 545, 168747.	2.3	2
2	Structural and magnetic alteration of Cu ₂ GaBO ₅ forced by Mn ³⁺ doping. Journal of Alloys and Compounds, 2022, 902, 163822.	5.5	5
3	Multicomponent flux growth and composition control of Cu ₂ MnBO ₅ :Ga ludwigites. CrystEngComm, 2022, 24, 3565-3575.	2.6	3
4	Study of flux crystal growth peculiarities, structure and Raman spectra of double (Mn,Ni) ₃ BO ₅ and triple (Mn,Ni,Cu) ₃ BO ₅ oxyborates with ludwigite structure. CrystEngComm, 2021, 23, 5624-5635.	2.6	5
5	Spin-Flop Transition in Co ₂ B ₂ O ₅ Pyroborate. JETP Letters, 2021, 114, 92-97.	1.4	3
6	Destruction of long-range magnetic order in an external magnetic field and the associated spin dynamics in $Cu_{2}MnBO_{5}$ and $Cu_{2}MnGaBO_{5}$. <small>xmlns:mml="http://www.w3.org/1998/Math/MathML" <mml:msub><mml:mrow><mml:mi>Cu</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub><mml:mi>Mn</mml:mi><mml:mi>BO</mml:mi><mml:sub>5</sub></mml:math> and $Cu_{2}MnGaBO_{5}$. <small>xmlns:mml="http://www.w3.org/1998/Math/MathML" <mml:msub><mml:mrow><mml:mi>Cu</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub><mml:mi>Mn</mml:mi><mml:mi>Ga</mml:mi><mml:BO</mml:BO</mml:sub>5</sub></mml:math></small></small>	3.2	6
7	Calcium Composition-Dependent Structural Phase Transitions in HoFe ₃ Ga _x (BO ₃) ₄ Solid Solutions: Crystal Growth, Structure, and Raman Spectroscopy Study. Crystal Growth and Design, 2020, 20, 1058-1069.	3.0	6
8	Exchange interactions in Cu ₂ AlBO ₅ and Cu ₂ GaBO ₅ . AIP Conference Proceedings, 2020, , .	0.4	2
9	Anisotropic magnetocaloric properties of the ludwigite single crystal Cu ₂ MnBO ₅ . Applied Physics Letters, 2020, 116, .	3.3	6
10	Investigation of the Magnetic Properties of Ludwigites. Bulletin of the Russian Academy of Sciences: Physics, 2019, 83, 912-914.	0.6	2
11	Investigation of the Magnetic Properties of Warwickite Mn _{0.89} Mg _{1.11} BO ₄ . Bulletin of the Russian Academy of Sciences: Physics, 2019, 83, 792-794.	0.6	0
12	Magnetic properties of Cu ₂ MnBO ₅ ludwigite in weak magnetic fields. Journal of Physics: Conference Series, 2019, 1389, 012130.	0.4	0
13	Crystal formation of Cu-Mn-containing oxides and oxyborates in bismuth-boron fluxes diluted by MoO ₃ and Na ₂ CO ₃ . Journal of Crystal Growth, 2018, 503, 1-8.	1.5	9
14	Chemical disorder reinforces magnetic order in ludwigite (Ni,Mn) ₃ BO ₅ with Mn ⁴⁺ inclusion. Journal of Magnetism and Magnetic Materials, 2018, 465, 201-210.	2.3	10
15	Magnetic Ordering Dependence on Iron Ions Distribution in Cu ₂ FeBO ₅ Ludwigite. Journal of Experimental and Theoretical Physics, 2018, 126, 674-682.	0.9	8
16	Temperature-dependent absorption lines observation in Raman spectra of SmFe ₃ (BO ₃) ₄ ferroborate. Journal of Raman Spectroscopy, 2018, 49, 1732-1735.	2.5	7
17	Low-temperature features of Raman spectra below magnetic transitions in multiferroic Ho _{1-x} Nd _x Fe ₃ (BO ₃) ₄ and Sm _{1-y} La _y Fe ₃ (BO ₃) ₄ single crystals. Ferroelectrics, 2017, 509, 92-96.	0.6	10
18	Magnetic structure of Cu ₂ MnBO ₅ ludwigite: thermodynamic, magnetic properties and neutron diffraction study. Journal of Physics Condensed Matter, 2017, 29, 245801.	1.8	15

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19	EPR-Determined Anisotropy of the g-Factor and Magnetostriction of a Cu ₂ MnBO ₅ Single Crystal with a Ludwigite Structure. JETP Letters, 2017, 106, 716-719.	1.4	8
20	Crystal growth, structure, magnetic properties and theoretical exchange interaction calculations of Cu ₂ MnBO ₅ . Journal of Magnetism and Magnetic Materials, 2016, 420, 309-316.	2.3	20
21	Crystal Growth and Raman Spectroscopy Study of Sm ¹⁺ La ³⁺ Fe ₃ (BO ₃) ₄ Ferroborates. Crystal Growth and Design, 2016, 16, 6915-6921.	3.0	16
22	Magnetism and structure of Ni ₂ MnBO ₅ ludwigite. Journal of Magnetism and Magnetic Materials, 2016, 402, 69-75.	2.3	20
23	Spin-Lattice Coupling and Peculiarities of Magnetic Behavior of Ferrimagnetic Ludwigites Mn _{0.5} La ³⁺ Mn ₂ Mn _{1.5} Mn ₃		
24	Metastable growth and infrared spectra of CuB ₂ O ₄ :Ni single crystals. CrystEngComm, 0, , .	2.6	3