

Andrey A Demidov

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetization and specific heat of TbFe ₃ (BO ₃) ₄ : Experiment and crystal-field calculations. Physical Review B, 2007, 75, .	3.2	69
2	Magnetic properties of HoFe ₃ (BO ₃) ₄ . Physics of the Solid State, 2011, 53, 985-996.	0.6	29
3	Features of the magnetic and magnetoelectric properties of HoAl ₃ (BO ₃) ₄ . JETP Letters, 2013, 97, 528-534.	1.4	29
4	Magnetic properties of an easy-plane trigonal NdFe ₃ (BO ₃) ₄ antiferromagnet. Journal of Experimental and Theoretical Physics, 2007, 104, 897-905.	0.9	26
5	Magnetization, magnetoelectric polarization, and specific heat of HoGa ₃ (BO ₃) ₄ . JETP Letters, 2014, 99, 67-75.	1.4	26
6	Magnetic properties of DyFe ₃ (BO ₃) ₄ . Journal of Experimental and Theoretical Physics, 2008, 106, 723-730.	0.9	18
7	Magnetoelastic effects in the trigonal 4f ⁿ 3d crystals: RFe ₃ (BO ₃) ₄ . Physica B: Condensed Matter, 2007, 398, 78-84.	2.7	17
8	Interplay of rare-earth and transition-metal subsystems in Cu_3Yb . Physical Review B, 2017, 96, .	3.2	17
9	Magnetic properties of TbFe ₃ (BO ₃) ₄ . Journal of Magnetism and Magnetic Materials, 2007, 316, e717-e720.	2.3	15
10	Magnetostriction in the rare-earth ferrobates RFe ₃ (BO ₃) ₄ , R=Pr and Tb. Physica B: Condensed Matter, 2009, 404, 213-216.	2.7	13
11	Magnetic phase transitions in Nd _{1-x} Dy _x Fe ₃ (BO ₃) ₄ ferrobates. Journal of Experimental and Theoretical Physics, 2012, 114, 259-272.	0.9	13
12	Crossover in the Van Vleck paramagnet TmPO ₄ . Physica B: Condensed Matter, 2003, 336, 335-343.	2.7	11
13	Phase transitions and crossover at high magnetic fields in the Jahn-Teller compound DyVO ₄ . Physical Review B, 2004, 70, .	3.2	10
14	Quadrupole ordering destruction and crossover in the Jahn-Teller compound TbVO ₄ . Physica B: Condensed Matter, 2005, 363, 245-251.	2.7	10
15	Crystal field effects in rare-earth ferrobates RFe ₃ (BO ₃) ₄ with R = Nd, Tb, Dy, or Er. Physics of the Solid State, 2008, 50, 1677-1680.	0.6	10
16	Inclined magnetic structure of iron borate Pr _{0.5} Y _{0.5} Fe ₃ (BO ₃) ₄ : A neutron diffraction study and crystal-field calculations. Physical Review B, 2015, 91, .	3.2	10
17	Magnetic ordering near crossover in singlet paramagnets. Journal of Magnetism and Magnetic Materials, 2003, 258-259, 590-593.	2.3	8
18	Magnetic Properties of Sm _{0.7} Ho _{0.3} Fe ₃ (BO ₃) ₄ . Journal of Experimental and Theoretical Physics, 2012, 115, 815-828.	0.9	7

#	ARTICLE	IF	CITATIONS
19	Magnetic properties of Nd _{0.9} Dy _{0.1} Fe ₃ (BO ₃) ₄ . Physica B: Condensed Matter, 2012, 407, 393-397.	2.7	7
20	Magnetic properties of the rare-earth ferroborate SmFe ₃ (BO ₃) ₄ . Journal of Experimental and Theoretical Physics, 2013, 116, 800-805.	0.9	7
21	Magnetic, magnetoelastic, and spectroscopic properties of TmAl ₃ (BO ₃) ₄ . Journal of Experimental and Theoretical Physics, 2014, 119, 737-744.	0.9	7
22	Magnetic properties of the Nd _{0.95} Dy _{0.05} Fe ₃ (BO ₃) ₄ ferroborate with small substitution in the rare-earth element subsystem. Journal of Experimental and Theoretical Physics, 2013, 117, 862-874.	0.9	4
23	Magnetolectric and magnetic properties of aluminum borates Ho _{1-x} Nd _x Al ₃ (BO ₃) ₄ . JETP Letters, 2015, 101, 318-324.	1.4	4
24	Transformation from an easy-plane to an easy-axis antiferromagnetic structure in the mixed rare-earth ferrobates Pr _x Y _{1-x} Fe ₃ (BO ₃) ₄ : magnetic properties and crystal field calculations. Journal of Physics Condensed Matter, 2016, 28, 396001.	1.8	4
25	Magnetic and Magnetodielectric Properties of Ho _{0.5} Nd _{0.5} Fe ₃ (BO ₃) ₄ . Physics of the Solid State, 2018, 60, 1989-1998.	0.6	4
26	Magnetic properties of Tb _x Er _{1-x} Fe ₃ (BO ₃) ₄ (x = 0.75, 1). Physics of the Solid State, 2012, 54, 537-550.	0.6	3
27	Magnetostriction and thermal expansion of HoAl ₃ (BO ₃) ₄ . Physics of the Solid State, 2014, 56, 511-517.	0.6	3
28	Magnetic Properties of Nd _{0.6} Dy _{0.4} Fe ₃ (BO ₃) ₄ . Solid State Phenomena, 2012, 190, 261-264.	0.3	2
29	Magnetic susceptibility and heat capacity of Ho _{0.5} Nd _{0.5} Fe ₃ (BO ₃) ₄ . Physica B: Condensed Matter, 2014, 440, 73-77.	2.7	2
30	Effect of a strong magnetic field on the quadrupole and magnetic orders and crossover in the Jahn-Teller magnet DyVO ₄ . Journal of Experimental and Theoretical Physics, 2004, 99, 197-201.	0.9	1
31	Features of Magnetic, Magnetolectric and Magnetoelastic Properties of HoAl ₃ (BO ₃) ₄ . Solid State Phenomena, 0, 215, 352-357.	0.3	0
32	Magnetic Properties of Pr _x Y _{1-x} Fe ₃ (BO ₃) ₄ . Solid State Phenomena, 2015, 233-234, 360-363.	0.3	0
33	Magnetic properties of Ho _{0.9} Er _{0.1} Fe ₃ (BO ₃) ₄ . Journal of Physics: Conference Series, 2019, 1389, 012045.	0.4	0