

Vladimir Bedarev

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Quantum versus classical nature of the low-temperature magnetic phase transition in $\text{TbAl}_3(\text{BO}_3)_4$. Physical Review B, 2022, 105, .	0.23	0
2	Manifestation of Spin Correlations in Monocrystalline $\text{ErAl}_3(\text{BO}_3)_4$. Low Temperature Physics, 2019, 45, 1041-1045.	0.6	2
3	Antiferromagnetic resonance in crystalline $\text{PrFe}_3(\text{BO}_3)_4$. Low Temperature Physics, 2018, 44, 139-143.	0.6	1
4	Features of electronic paramagnetic resonance in the $\text{ErAl}_3(\text{BO}_3)_4$ single crystal. Low Temperature Physics, 2018, 44, 863-865.	0.6	2
5	The Pockels effect in $\text{TmAl}_3(\text{BO}_3)_4$. Ferroelectrics, 2017, 506, 152-158.	0.6	0
6	Rotational magnetocaloric effect in $\text{TbAl}_3(\text{BO}_3)_4$. Low Temperature Physics, 2017, 43, 631-635.	0.6	7
7	Electric-field-induced linear birefringence in $\text{TmAl}_3(\text{BO}_3)_4$. Applied Optics, 2016, 55, B11.	1.8	3
8	Low-temperature magnetic phase transition in aluminum borate $\text{TbAl}_3(\text{BO}_3)_4$. Low Temperature Physics, 2015, 41, 534-536.	0.6	11
9	Magneto-optical properties of terbium iron borate. Applied Optics, 2014, 53, B116.	1.8	0
10	Magneto-resonance properties of antiferromagnetic $\text{TbFe}_3(\text{BO}_3)_4$ at low temperatures. Low Temperature Physics, 2013, 39, 167-171.	0.6	3
11	Magnetic field-induced rotation of the plane of polarization of light in the antiferromagnetic ferroborate $\text{TbFe}_3(\text{BO}_3)_4$. Low Temperature Physics, 2011, 37, 476-479.	0.6	1
12	Spectroscopic and magneto-optical investigations of spin-reorientation phase transition in $\text{TbFe}_3(\text{BO}_3)_4$. Low Temperature Physics, 2011, 37, 693-698.	0.6	3
13	IR active vibrations of a $\text{TbFe}_3(\text{BO}_3)_4$ crystal. Low Temperature Physics, 2010, 36, 638-641.	0.6	6
14	Holographic Recording and Electrooptical Effect in Films of Azobenzene Polycomplexes with Cobalt. Ferroelectrics, 2007, 352, 158-163.	0.6	5
15	Hologram recording and the electrooptic effect in azobenzene derivative polymers and azobenzene derivative-cobalt polycomplexes. Technical Physics, 2007, 52, 451-455.	0.7	18
16	Influence of light on the antiferromagnetic-insulator-ferromagnetic-metal phase transition in $\text{Pr}_{0.6}\text{La}_{0.1}\text{Ca}_{0.3}\text{MnO}_3$ thin films. Low Temperature Physics, 2004, 30, 948-955.	0.6	8
17	Photoinduced change of metamagnetic phase transition field in the $\text{Ca}_3\text{Mn}_2\text{Ge}_3\text{O}_{12}$ garnet. Europhysics Letters, 2002, 57, 898-903.	2.0	0
18	Effect of light illumination on antiferromagnet-metamagnet phase transitions in the garnet $\text{Ca}_3\text{Mn}_2\text{Ge}_3\text{O}_{12}$. Low Temperature Physics, 2002, 28, 37-44.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Effect of linearly polarized light on metamagnetic phase transition in Ca ₃ Mn ₂ Ge ₃ O ₁₂ garnet. Low Temperature Physics, 1999, 25, 28-31.	0.6	1
20	Light-induced optical absorption in the garnet Ca ₃ Mn ₂ Ge ₃ O ₁₂ . Low Temperature Physics, 1998, 24, 212-214.	0.6	5