

Vladimir Bedarev

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1684188

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20
docs citations

20
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58
citing authors

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

#	ARTICLE	IF	CITATIONS
19	Magneto-optical properties of terbium iron borate. <i>Applied Optics</i> , 2014, 53, B116.	1.8	0
20	The Pockels effect in TmAl ₃ (BO ₃) ₄ . <i>Ferroelectrics</i> , 2017, 506, 152-158.	0.6	0