

Alexei Peschanskii

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

215
citations

1163117

8
h-index

1058476

14
g-index

30
all docs

30
docs citations

30
times ranked

268
citing authors

#	ARTICLE	IF	CITATIONS
1	IR vibrational modes and spin-phonon interplay in magnetoelectric LiNiPO ₄ . Low Temperature Physics, 2022, 48, 246-252.	0.6	1
2	IR Active Phonons of a LiNiPO ₄ Ionic Crystal. Optics and Spectroscopy (English Translation of Optika i Tj ETQq0 0 0 rgBT /Overlock 10 T	0.6	1
3	Optical spectroscopy study of KDy(WO ₄) ₂ : Crystal-field levels of Dy ³⁺ and the Jahn-Teller transition. Low Temperature Physics, 2021, 47, 973-982.	0.6	1
4	Low temperature structural transformations on the (001) surface of SrTiO ₃ single crystals. Low Temperature Physics, 2020, 46, 740-750.	0.6	11
5	Raman scattering during a magnetic phase transition in a LiNiPO ₄ single crystal. Low Temperature Physics, 2020, 46, 622-629.	0.6	2
6	Spectroscopic study of the TbAl ₃ (BO ₃) ₄ single crystal: Raman and luminescence spectroscopy. Low Temperature Physics, 2020, 46, 1223-1230.	0.6	0
7	Intrinsic nanostructures on the (001) surface of strontium titanate at low temperatures. Low Temperature Physics, 2020, 46, 1170-1177.	0.6	3
8	Raman study of a magnetic phase transition in the MnPS ₃ single crystal. Low Temperature Physics, 2019, 45, 1082-1091.	0.6	9
9	Observation of spontaneous ferriquadrupolar order in $\text{KDy}(\text{MoO}_4)_2$. Physical Review B, 2018, 98, .	0.6	1
10	Raman scattering study of the structural phase transition in single crystal KDy(MoO ₄) ₂ . Low Temperature Physics, 2017, 43, 1315-1322.	0.6	3
11	Raman scattering in multiferroic SmFe ₃ (BO ₃) ₄ . Low Temperature Physics, 2016, 42, 475-483.	0.6	9
12	Comparison of Raman scattering in non-polymerized and photo-polymerized fullerene films at temperatures of 5â€“300â€“K. Low Temperature Physics, 2016, 42, 1144-1150.	0.6	0
13	Raman scattering under structural and magnetic phase transitions in terbium ferroborate. Low Temperature Physics, 2014, 40, 171-178.	0.6	12
14	Raman scattering investigation of the structural phase transition in single crystal KDy(WO ₄) ₂ . Low Temperature Physics, 2013, 39, 973-982.	0.6	3
15	Raman scattering in non-polymerized and photo-polymerized C ₆₀ films at 5â€“K. Low Temperature Physics, 2012, 38, 854-862.	0.6	4
16	The Raman scattering investigation of the features of low-energy electronic excitations of the terbium ion in the KTb(WO ₄) ₂ crystal. Low Temperature Physics, 2012, 38, 481-488.	0.6	2
17	Luminescence and Raman scattering of nonpolymerized and photopolymerized fullerene films at 297 and 5K. Low Temperature Physics, 2007, 33, 704-709.	0.6	6
18	Raman scattering of light by low-energy electronic excitations of the Tb ³⁺ ion in the crystal KTb(WO ₄) ₂ . Low Temperature Physics, 2007, 33, 915-919.	0.6	5

#	ARTICLE	IF	CITATIONS
19	Brillouin scattering study of orthorhombic LiNiPO ₄ single crystal. Physica Status Solidi (A) Applications and Materials Science, 2006, 203, 3805-3815.	1.8	1
20	Effective photopolymerization of C ₆₀ films under simultaneous deposition and UV light irradiation: Spectroscopy and morphology study. Carbon, 2004, 42, 2091-2098.	10.3	25
21	Raman spectroscopy of HiPCO single-walled carbon nanotubes at 300 and 5 K. Carbon, 2003, 41, 1567-1574.	10.3	33
22	Light scattering on phonons in quasi-one-dimensional antiferromagnet CsFeCl ₃ ·2H ₂ O induced by magnetic ordering. Low Temperature Physics, 2002, 28, 516-522.	0.6	1
23	Raman scattering in a LiNiPO ₄ single crystal. Low Temperature Physics, 2002, 28, 203-209.	0.6	47
24	New Approach to Growth of Photopolymerized C ₆₀ Films. AIP Conference Proceedings, 2002, , .	0.4	0
25	Cyclotron resonance in quasi-two-dimensional conductors. Journal of Experimental and Theoretical Physics, 2000, 91, 416-422.	0.9	1
26	Raman scattering and X-ray data in the region of ferroelastic phase transition to monoclinic phase in KSc(MoO ₄) ₂ . Ferroelectrics, 2000, 239, 101-108.	0.6	3
27	Light scattering in LiCoPO ₄ single crystal: analysis of the vibrational spectrum. Low Temperature Physics, 1999, 25, 829-832.	0.6	18
28	Raman investigations of orientational ordering in NiSiF ₆ ·6H ₂ O, NiSiF ₆ ·6D ₂ O, and ZnSiF ₆ ·6H ₂ O crystals. Low Temperature Physics, 1997, 23, 988-995.	0.6	5
29	Raman scattering in crystalline fluorosilicate hexahydrates of iron and manganese at a phase transition. Physics of the Solid State, 1997, 39, 830-839.	0.6	3