

Alexei Peschanskii

List of Publications by Year in descending order

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papers

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14
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30
all docs

30
docs citations

30
times ranked

268
citing authors

#	ARTICLE	IF	CITATIONS
1	Raman scattering in a LiNiPO ₄ single crystal. Low Temperature Physics, 2002, 28, 203-209.	0.6	47
2	Raman spectroscopy of HiPCO single-walled carbon nanotubes at 300 and 5 K. Carbon, 2003, 41, 1567-1574.	10.3	33
3	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
4	Light scattering in LiCoPO ₄ single crystal: analysis of the vibrational spectrum. Low Temperature Physics, 1999, 25, 829-832.	0.6	18
5	Raman scattering under structural and magnetic phase transitions in terbium ferroborate. Low Temperature Physics, 2014, 40, 171-178.	0.6	12
6	Low temperature structural transformations on the (001) surface of SrTiO ₃ single crystals. Low Temperature Physics, 2020, 46, 740-750.	0.6	11
7	Raman scattering in multiferroic SmFe ₃ (BO ₃) ₄ . Low Temperature Physics, 2016, 42, 475-483.	0.6	9
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	Luminescence and Raman scattering of nonpolymerized and photopolymerized fullerene films at 297 and 5K. Low Temperature Physics, 2007, 33, 704-709.	0.6	6
10	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
11	Raman scattering of light by low-energy electronic excitations of the Tb ³⁺ ion in the crystal K ₂ Tb(WO ₄) ₂ . Low Temperature Physics, 2007, 33, 915-919.	0.6	5
12	Raman scattering in non-polymerized and photo-polymerized C ₆₀ films at 5K. Low Temperature Physics, 2012, 38, 854-862.	0.6	4
13	Observation of spontaneous ferriquadrupolar order in $KDy(WO_4)_2$. Physical Review B, 2018, 98, .	0.6	4
14	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
15	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
16	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
17	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
18	Intrinsic nanostructures on the (001) surface of strontium titanate at low temperatures. Low Temperature Physics, 2020, 46, 1170-1177.	0.6	3

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19	The Raman scattering investigation of the features of low-energy electronic excitations of the terbium ion in the $\text{KTb}(\text{WO}_4)_2$ crystal. <i>Low Temperature Physics</i> , 2012, 38, 481-488.	0.6	2
20	Raman scattering during a magnetic phase transition in a LiNiPO_4 single crystal. <i>Low Temperature Physics</i> , 2020, 46, 622-629.	0.6	2
21	Cyclotron resonance in quasi-two-dimensional conductors. <i>Journal of Experimental and Theoretical Physics</i> , 2000, 91, 416-422.	0.9	1
22	Light scattering on phonons in quasi-one-dimensional antiferromagnet $\text{CsFeCl}_3 \cdot 2\text{H}_2\text{O}$ induced by magnetic ordering. <i>Low Temperature Physics</i> , 2002, 28, 516-522.	0.6	1
23	Brillouin scattering study of orthorhombic LiNiPO_4 single crystal. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006, 203, 3805-3815.	1.8	1
24	IR Active Phonons of a LiNiPO_4 Ionic Crystal. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2007, 10, 100-104.	0.6	1
25	Optical spectroscopy study of $\text{KDy}(\text{WO}_4)_2$: Crystal-field levels of Dy^{3+} and the Jahn-Teller transition. <i>Low Temperature Physics</i> , 2021, 47, 973-982.	0.6	1
26	IR vibrational modes and spin-phonon interplay in magnetoelectric LiNiPO_4 . <i>Low Temperature Physics</i> , 2022, 48, 246-252.	0.6	1
27	New Approach to Growth of Photopolymerized C_{60} Films. <i>AIP Conference Proceedings</i> , 2002, 242, 103-106.	0.4	0
28	Comparison of Raman scattering in non-polymerized and photo-polymerized fullerene films at temperatures of 5-300 K. <i>Low Temperature Physics</i> , 2016, 42, 1144-1150.	0.6	0
29	Spectroscopic study of the $\text{TbAl}_3(\text{BO}_3)_4$ single crystal: Raman and luminescence spectroscopy. <i>Low Temperature Physics</i> , 2020, 46, 1223-1230.	0.6	0