

Pashkevich Yurii

List of Publications by Year in descending order

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1086
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#	ARTICLE	IF	CITATIONS
1	Magnetism and its coexistence with superconductivity in $\text{CaK}_2\text{Fe}_2\text{As}_2$. Physical Review B, 2020, 102, .	3.2	4
2	Muon spin rotation and infrared spectroscopy study of $\text{BaK}_2\text{Fe}_2\text{As}_2$. Physical Review B, 2020, 101, .	3.2	3
3	High-Power Ultrasonic Synthesis and Magnetic-Field-Assisted Arrangement of Nanosized Crystallites of Cobalt-Containing Layered Double Hydroxides. ChemEngineering, 2019, 3, 62.	2.4	5
4	Flat-band spin dynamics and phonon anomalies of the saw-tooth spin-chain system $\text{Fe}_2\text{O}_3\text{SeO}_3$. Physical Review B, 2019, 99, .	2.2	16
5	Local magnetic anisotropy of rare-earth elements in the iron-containing oxypnictides RFeAsO ($\text{R} = \text{Ce}$). JETP Letters, 2019, 110, 784314.	0.6	3
6	Giant magnetocapacitance in cerium sesquioxide. Physical Review B, 2018, 98, .	3.2	13
7	Effective nuclear charge approximation for free rare-earth ions. Spectroscopy Letters, 2017, 50, 482-488.	1.0	3
8	Encapsulating armchair carbon nanotubes with zigzag chains of Fe atoms. Low Temperature Physics, 2016, 42, 421-425.	0.6	1
9	Muon spin rotation study of the magnetic structure in the tetragonal antiferromagnetic state of weakly underdoped $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$. Europhysics Letters, 2015, 111, 57001.	2.0	32
10	An investigation of the adiabatic potential surface in single crystals with copper ions. Low Temperature Physics, 2014, 40, 462-468.	0.6	3
11	Structural, electronic and magnetic properties of chiral nanotubes filled with a linear chain of iron. Low Temperature Physics, 2014, 40, 542-546.	0.6	3
12	Temperature dependence of the spin state of a Co^{3+} ion in RCoO_3 ($\text{R} = \text{La}, \text{Gd}$) cobaltites. JETP Letters, 2014, 99, 476-480.	1.4	6
13	Structural properties and high-temperature spin and electronic transitions in GdCoO_3 : Experiment and theory. Physical Review B, 2013, 88, .	3.2	33
14	Magnetic properties of Ce^{3+} ion in iron-containing oxypnictide CeFeAsO . Low Temperature Physics, 2013, 39, 343-350.	0.6	11
15	Pressure enhanced ferromagnetism and suppressed exchange bias in $\text{La}_{0.9}\text{Ba}_{0.1}\text{CoO}_3$ cobaltite. Journal of Applied Physics, 2013, 114, 153910.	2.5	5
16	The structural, electronic and magnetic properties of iron nanowires with different diameters. Low Temperature Physics, 2012, 38, 1129-1132.	0.6	3
17	Dynamical lattice instability versus spin liquid state in a frustrated spin chain system. Physical Review B, 2012, 85, .	3.2	8
18	Spin state of iron – the control parameter of iron-containing HTSC: Dependence of ground state energy, phonon energies and atom positions on the spin state of iron ion in FeTe . Low Temperature Physics, 2012, 38, 900-903.	0.6	3

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19	The fluctuations of the spin state of 3d-ions near the "triple point"; Low Temperature Physics, 2012, 38, 930-936.	0.6	3
20	Determination of the effective nuclear charge from EPR data using a modified crystal-field theory. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2012, 112, 438-442.	0.6	7
21	Structural and electronic properties of single-wall carbon nanotubes with various nitrogen content. Low Temperature Physics, 2011, 37, 1021-1025.	0.6	5
22	Helical fluctuations in the Raman response of the topological insulator Bi ₂ Se ₃ . Physical Review B, 2011, 84, .	3.2	42
23	Magnetolectricity in the ferrimagnetic Cu ₂ OSeO ₃ : symmetry analysis and Raman scattering study. Low Temperature Physics, 2010, 36, 550-557.	3.2	26
24	Magnetolectricity in the ferrimagnetic Cu ₂ OSeO ₃ : symmetry analysis and Raman scattering study. Low Temperature Physics, 2010, 36, 550-557.	0.6	32
25	Multi-minimum adiabatic potential in the single crystal normal spinel ZnAl ₂ O ₄ , doped by Cu ²⁺ ions. Journal of Physics Condensed Matter, 2010, 22, 245504.	1.8	9
26	Changes of the electronic structure of a (8, 0) zigzag nanotube due to doping with potassium. Low Temperature Physics, 2009, 35, 137-140.	0.6	8
27	Spectrum-sensitive phonon wipeout due to a fluctuating spin state in a polymer. Physical Review B, 2009, 79, .	3.2	5
28	FeO double-well potential as a result of spin density redistribution. JETP Letters, 2009, 89, 167-169.	1.4	2
29	Determination of the effective nuclear charge for free ions of transition metals from experimental spectra. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2009, 107, 9-15.	0.6	12
30	Electronic structure of a (12, 0) carbon nanotube encapsulated with crystalline potassium. Low Temperature Physics, 2009, 35, 883-886.	0.6	6
31	Microscopic Evidence of Spin State Order and Spin State Phase Separation in Layered Cobaltites R ₂ BaCo ₂ O _{5.5} with R = Y, Tb, Dy, and Ho. Physical Review B, 2009, 79, .	3.2	123
32	Microscopic Evidence of Spin State Order and Spin State Phase Separation in Layered Cobaltites R ₂ BaCo ₂ O _{5.5} with R = Y, Tb, Dy, and Ho. Physical Review B, 2009, 79, .	7.8	49
33	Anomalous electronic, phonon, and spin excitations in the chalcogenide spinel FeCr ₂ S ₄ . Journal of Physics Condensed Matter, 2007, 19, 145260.	3.2	12
34	Anomalous electronic, phonon, and spin excitations in the chalcogenide spinel FeCr ₂ S ₄ . Journal of Physics Condensed Matter, 2007, 19, 145260.	1.8	9
35	Spin state transformations of a 3d ion in the pyramidal environment and under lattice distortions. Journal of Physics Condensed Matter, 2007, 19, 156216.	1.8	18
36	Orbital fluctuating state in ferromagnetic insulating LaMnO ₃ studied using Raman spectroscopy. Physical Review B, 2006, 74, .	3.2	20

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37	Existence of orbital polarons in ferromagnetic insulating $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ ($0.11 \leq x \leq 0.14$) revealed by giant phonon softening. <i>Physical Review B</i> , 2005, 71, .	3.2	26
38	Evolution of the spin state of a 3d ion in a pyramidal complex. <i>Low Temperature Physics</i> , 2005, 31, 963-970.	0.6	14
39	Orbiton-mediated multiphonon scattering in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$. <i>Physical Review B</i> , 2005, 72, .	3.2	19
40	Light scattering by the apical oxygen sublattice in a thin layer of YBaCuO crystal. <i>Technical Physics</i> , 2004, 49, 1325-1328.	0.7	0
41	Interplay of structural and electronic phase separation in single-crystalline La_2CuO_4 studied by neutron and Raman scattering. <i>Physical Review B</i> , 2004, 69, .	3.2	4
42	Strong anharmonicity and spin-phonon coupling in the quasi-two-dimensional quantum spin system $\text{Sr}_{1-x}\text{Ba}_x\text{Cu}_2(\text{BO}_3)_2$. <i>Physical Review B</i> , 2003, 68, .	3.2	41
43	Phonon Raman scattering in $\text{LaMn}_{1-x}\text{Co}_x\text{O}_3$ ($x=0, 0.2, 0.3, 0.4$, and 1.0). <i>Low Temperature Physics</i> , 2003, 29, 963-966.	0.6	13
44	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
45	Electronic Raman scattering through a stripe ordering transition in $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$. <i>Low Temperature Physics</i> , 2002, 28, 510-515.	0.6	7
46	Measurements of Thermal Kinetic Characteristics of Film Structures. <i>Instruments and Experimental Techniques</i> , 2002, 45, 853-857.	0.5	2
47	Phase separation, charge ordering, and pairing in layered three-dimensional systems. <i>Physical Review B</i> , 2001, 63, .	3.2	2
48	Nuclear quadrupole resonance of barium in BaBiO_3 and BaPbO_3 . <i>Physical Review B</i> , 2001, 63, .	3.2	7
49	Gyrotropy of molecular crystals with vacancies. <i>Optics and Spectroscopy (English Translation of) Tj ETQq1 1 0.784314 rgBT /Overlock</i> 0.6	0.6	2
50	Magnetic-field penetration and structure of the mixed state in a superconductor with a multicomponent order parameter. <i>Physical Review B</i> , 2000, 62, 9688-9696.	3.2	0
51	Ultrasonic and magnetic studies of $\text{Nd}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$. <i>Physical Review B</i> , 2000, 62, R6104-R6107.	3.2	20
52	Stripe Conductivity in $\text{La}_{1.775}\text{Sr}_{0.225}\text{NiO}_4$. <i>Physical Review Letters</i> , 2000, 84, 3919-3922.	7.8	34
53	LOCAL DISTORTIONS IN $\text{Ba}_{1-x}\text{K}_x\text{BiO}_3$ OBSERVED IN LOW FREQUENCY PHONON RAMAN SCATTERING. <i>International Journal of Modern Physics B</i> , 2000, 14, 3637-3642.	2.0	2
54	Visualization of the antiferromagnetic insulator to ferromagnetic metal phase transition in manganite $\text{Nd}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$. <i>Low Temperature Physics</i> , 1999, 25, 744-746.	0.6	4

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55	On the optical features of layered oxides. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1997, 19, 1167-1173.	0.4	0
56	Spin-Phonon Correlations and Optical Excitations in Oxides. , 1997, , 101-113.		0
57	Theory of Raman light scattering in the many-sublattice exchange-noncollinear magnets UO_2 , RMnO_3 , and Nd_2CuO_4 (R=rare-earth ion). Physical Review B, 1995, 51, 15898-15919.	3.2	4
58	Two-magnon absorption of electromagnetic waves in the exchange noncollinear antiferromagnet Nd_2CuO_4 . Physical Review B, 1995, 51, 1010-1022.	3.2	3
59	Two-magnon absorption in Nd_2CuO_4 . Journal of Applied Physics, 1994, 76, 6892-6894.	2.5	0
60	Spin-wave spectrum and inelastic neutron scattering by magnons in Nd_2CuO_4 . Physical Review B, 1994, 49, 1170-1181.	3.2	16
61	Spin-reorientation phase transition in Nd_2CuO_4 in an external magnetic field: Unusual manifestations of magnetoelastic coupling. Physical Review B, 1993, 48, 3417-3422.	3.2	14
62	Light scattering on magnons in many-sublattice antiferromagnets in a magnetic field. Journal of Physics C: Solid State Physics, 1988, 21, 1265-1286.	1.5	4
63	EXCHANGE SPIN WAVES AND THEIR MANIFESTATION IN TWO-MAGNON ABSORPTION AND RAMAN SCATTERING. Journal De Physique Colloque, 1988, 49, C8-913-C8-914.	0.2	0