

# Pashkevich Yurii

## List of Publications by Year in descending order

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63  
papers

787  
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567281

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1086  
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#	ARTICLE	IF	CITATIONS
1	Microscopic Evidence of Spin State Order and Spin State Phase Separation in Layered Cobaltites $R_{2-x}FeAsO_{5.5}$ <p>Physical Review B, 2011, 84, .</p>	3.2	123
2	Orbital fluctuations in the Raman response of the topological insulator Bi <sub>2</sub> Te <sub>3</sub> and Ho. Physical Review B, 2011, 84, .	7.8	49
3	Strong anharmonicity and spin-phonon coupling in the quasi-two-dimensional quantum spin system Sr <sub>1-x</sub> Ba <sub>x</sub> Cu <sub>2</sub> (BO <sub>3</sub> ) <sub>2</sub> . Physical Review B, 2003, 68, .	3.2	41
5	Stripe Conductivity in La <sub>1.775</sub> Sr <sub>0.225</sub> NiO <sub>4</sub> . Physical Review Letters, 2000, 84, 3919-3922.	7.8	34
6	Structural properties and high-temperature spin and electronic transitions in GdCoO <sub>3</sub> : Experiment and theory. Physical Review B, 2013, 88, .	3.2	33
7	Magnetoelectricity in the ferrimagnetic Cu <sub>2</sub> OSeO <sub>3</sub> : symmetry analysis and Raman scattering study. Low Temperature Physics, 2010, 36, 550-557.	0.6	32
8	Muon spin rotation study of the magnetic structure in the tetragonal antiferromagnetic state of weakly underdoped Ba <sub>1-x</sub> K <sub>x</sub> Fe <sub>2</sub> As <sub>2</sub> . Europhysics Letters, 2015, 111, 57001.	2.0	32
9	Existence of orbital polarons in ferromagnetic insulating La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> (0.11 ≤ x ≤ 0.14) revealed by giant phonon softening. Physical Review B, 2005, 71, .	3.2	26
10	Phonon anomalies and possible local lattice distortions in giant magnetocapacitive CdCr <sub>2</sub> S <sub>4</sub> . Physical Review B, 2000, 62, R6104-R6107.	3.2	26
11	Orbital fluctuating state in ferromagnetic insulating LaMnO <sub>3</sub> +δ (0.085 ≤ δ ≤ 0.125) studied using Raman spectroscopy. Physical Review B, 2006, 74, .	3.2	20
13	Orbiton-mediated multiphonon scattering in La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> . Physical Review B, 2005, 72, .	3.2	19
14	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
15	Spin-wave spectrum and inelastic neutron scattering by magnons in Nd <sub>2</sub> CuO <sub>4</sub> . Physical Review B, 1994, 49, 1170-1181.	3.2	16
16	Flat-band spin dynamics and phonon anomalies of the saw-tooth spin-chain system Fe <sub>2</sub> O <sub>3</sub> SeO <sub>3</sub> . Physical Review B, 2019, 99, .	3.2	16
17	Spin-reorientation phase transition in Nd <sub>2</sub> CuO <sub>4</sub> in an external magnetic field: Unusual manifestations of magnetoelastic coupling. Physical Review B, 1993, 48, 3417-3422.	3.2	14
18	Evolution of the spin state of a 3d ion in a pyramidal complex. Low Temperature Physics, 2005, 31, 963-970.	0.6	14

#	ARTICLE	IF	CITATIONS
19	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
20	Giant magnetocapacitance in cerium sesquioxide. <i>Physical Review B</i> , 2018, 98, .	3.2	13
21	Magnetic crossover and complex excitation spectrum of the ferromagnetic/antiferromagnetic spin- $\frac{1}{2}$ system	3.2	12
22	Determination of the effective nuclear charge for free ions of transition metals from experimental spectra. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2009, 107, 9-15.	0.6	12
23	Magnetic properties of $\text{Ce}^{3+}$ ion in iron-containing oxypnictide $\text{CeFeAsO}$ . <i>Low Temperature Physics</i> , 2013, 39, 343-350.	0.6	11
24	Anomalous electronic, phonon, and spin excitations in the chalcogenide spinel $\text{FeCr}_2\text{S}_4$ . <i>Journal of Physics Condensed Matter</i> , 2007, 19, 145260.	1.8	9
25	Multi-minimum adiabatic potential in the single crystal normal spinel $\text{ZnAl}_2\text{O}_4$ , doped by $\text{Cu}^{2+}$ ions. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 245504.	1.8	9
26	Changes of the electronic structure of a (8, 0) zigzag nanotube due to doping with potassium. <i>Low Temperature Physics</i> , 2009, 35, 137-140.	0.6	8
27	Dynamical lattice instability versus spin liquid state in a frustrated spin chain system. <i>Physical Review B</i> , 2012, 85, .	3.2	8
28	Muon spin rotation and infrared spectroscopy study of $\text{Ba}_2\text{FeMo}_2\text{O}_{12}$ . <i>Physical Review B</i> , 2020, 101, .	0.6	8
29	Nuclear quadrupole resonance of barium in $\text{BaBiO}_3$ and $\text{BaPbO}_3$ . <i>Physical Review B</i> , 2001, 63, .	3.2	7
30	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
31	Determination of the effective nuclear charge from EPR data using a modified crystal-field theory. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2012, 112, 438-442.	0.6	7
32	Electronic structure of a (12, 0) carbon nanotube encapsulated with crystalline potassium. <i>Low Temperature Physics</i> , 2009, 35, 883-886.	0.6	6
33	Temperature dependence of the spin state of a $\text{Co}^{3+}$ ion in $\text{RCoO}_3$ ( $R = \text{La, Gd}$ ) cobaltites. <i>JETP Letters</i> , 2014, 99, 476-480.	1.4	6
34	Spectrum-sensitive phonon wipeout due to a fluctuating spin state in a $\text{Fe}_2$ polymer. <i>Physical Review B</i> , 2009, 79, .	3.2	5
35	Structural and electronic properties of single-wall carbon nanotubes with various nitrogen content. <i>Low Temperature Physics</i> , 2011, 37, 1021-1025.	0.6	5
36	Pressure enhanced ferromagnetism and suppressed exchange bias in $\text{La}_{0.9}\text{Ba}_{0.1}\text{CoO}_3$ cobaltite. <i>Journal of Applied Physics</i> , 2013, 114, 153910.	2.5	5

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37	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
38	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
39	Theory of Raman light scattering in the many-sublattice exchange-noncollinear magnets $\text{UO}_2$ , $\text{RMnO}_3$ , and $\text{Nd}_2\text{CuO}_4$ ( $R$ =rare-earth ion). Physical Review B, 1995, 51, 15898-15919.	3.2	4
40	Visualization of the antiferromagnetic insulator-ferromagnetic metal phase transition in manganite $\text{Nd}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ . Low Temperature Physics, 1999, 25, 744-746.	0.6	4
41	Interplay of structural and electronic phase separation in single-crystalline $\text{La}_2\text{CuO}_4$ studied by neutron and Raman scattering. Physical Review B, 2004, 69, .	3.2	4
42	Magnetism and its coexistence with superconductivity in $\text{CaK}(\text{FeAsO})_2$ . Physical Review B, 2020, 102, .	3.2	4
43	Two-magnon absorption of electromagnetic waves in the exchange noncollinear antiferromagnet $\text{Nd}_2\text{CuO}_4$ . Physical Review B, 1995, 51, 1010-1022.	3.2	3
44	The structural, electronic and magnetic properties of iron nanowires with different diameters. Low Temperature Physics, 2012, 38, 1129-1132.	0.6	3
45	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 $\text{FeTe}$ . Low Temperature Physics, 2012, 38, 900-903.	0.6	3
46	The fluctuations of the spin state of 3d-ions near the triple point. Low Temperature Physics, 2012, 38, 930-936.	0.6	3
47	An investigation of the adiabatic potential surface in single crystals with copper ions. Low Temperature Physics, 2014, 40, 462-468.	0.6	3
48	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
49	Effective nuclear charge approximation for free rare-earth ions. Spectroscopy Letters, 2017, 50, 482-488.	1.0	3
50	Local magnetic anisotropy of rare-earth elements in the iron-containing oxypnictides $\text{RFeAsO}$ ( $R = \text{Ce}$ ). Tj ETQq0 0 0 rgBT /Over	0.6	3
51	Gyrotropy of molecular crystals with vacancies. Optics and Spectroscopy (English Translation of) Tj ETQq1 1 0.784314 rgBT /Overlock	0.6	2
52	LOCAL DISTORTIONS IN $\text{Ba}_{1-x}\text{K}_x\text{BiO}_3$ OBSERVED IN LOW FREQUENCY PHONON RAMAN SCATTERING. International Journal of Modern Physics B, 2000, 14, 3637-3642.	2.0	2
53	Phase separation, charge ordering, and pairing in layered three-dimensional systems. Physical Review B, 2001, 63, .	3.2	2
54	Measurements of Thermal Kinetic Characteristics of Film Structures. Instruments and Experimental Techniques, 2002, 45, 853-857.	0.5	2

#	ARTICLE	IF	CITATIONS
55	FeO double-well potential as a result of spin density redistribution. JETP Letters, 2009, 89, 167-169.	1.4	2
56	Light scattering on phonons in quasi-one-dimensional antiferromagnet CsFeCl <sub>3</sub> ·2H <sub>2</sub> O induced by magnetic ordering. Low Temperature Physics, 2002, 28, 516-522.	0.6	1
57	Encapsulating armchair-carbon nanotubes with zigzag-chains of Fe atoms. Low Temperature Physics, 2016, 42, 421-425.	0.6	1
58	Two-magnon absorption in Nd <sub>2</sub> CuO <sub>4</sub> . Journal of Applied Physics, 1994, 76, 6892-6894.	2.5	0
59	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
60	Magnetic-field penetration and structure of the mixed state in a superconductor with a multicomponent order parameter. Physical Review B, 2000, 62, 9688-9696.	3.2	0
61	Light scattering by the apical oxygen sublattice in a thin layer of YBaCuO crystal. Technical Physics, 2004, 49, 1325-1328.	0.7	0
62	Spin-Phonon Correlations and Optical Excitations in Oxides. , 1997, , 101-113.		0
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