

Yurii Fridman

List of Publications by Year in descending order

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papers

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docs citations

49
times ranked

35
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin Nematic and Antinematic States in a Spin- $\frac{1}{2}$ Isotropic Non-Heisenberg Magnet. Physical Review Letters, 2011, 106, 097202.	2.9	37
2	Longitudinal magnetization reversal in ferromagnets with Heisenberg exchange and strong single-ion anisotropy. Physical Review B, 2013, 88, .	1.1	18
3	Dynamic properties of magnets with spin $S = 3/2$ and non-Heisenberg isotropic interaction. Journal of Experimental and Theoretical Physics, 2015, 120, 281-295.	0.2	17
4	Application of hubbard operators in the theory of magnetoelastic waves. Theoretical and Mathematical Physics(Russian Federation), 1989, 81, 1194-1199.	0.3	14
5	Two-dimensional solitons in spin nematic states for magnets with an isotropic exchange interaction. Low Temperature Physics, 2015, 41, 382-389.	0.2	10
6	Spectra of coupled magnetoelastic waves of a biaxial strongly anisotropic ferromagnet with biquadratic interaction. Low Temperature Physics, 1999, 25, 513-519.	0.2	9
7	Phase transitions in a ferromagnet with an anisotropic biquadratic exchange interaction. Low Temperature Physics, 2006, 32, 214-223.	0.2	9
8	Quantum effects in an anisotropic ferrimagnet. Physics of the Solid State, 2009, 51, 1167-1171.	0.2	7
9	Phase states and spectra of coupled magnetoelastic waves in a ferromagnet with inclined anisotropy. Low Temperature Physics, 2001, 27, 636-639.	0.2	6
10	Influence of an inclined anisotropy on formation of spatially inhomogeneous phase in two-dimensional ferromagnet. Physica Status Solidi (B): Basic Research, 2004, 241, 1106-1114.	0.7	4
11	Phase states of a magnetic material with the spin $S = 2$ and the isotropic exchange interaction. JETP Letters, 2017, 105, 453-457.	0.4	4
12	Reorientation phase transition in temperature in a two-dimensional ferromagnet taking magnetoelasticity into account. Low Temperature Physics, 1999, 25, 789-791.	0.2	3
13	Influence of a large biquadratic interaction on the phase states of a non-Heisenberg biaxial ferromagnet. Low Temperature Physics, 2001, 27, 473-477.	0.2	3
14	Effect of a negative biquadratic interaction on the phase states and spectra of coupled magnetoelastic waves of an easy-plane ferromagnet. Low Temperature Physics, 2001, 27, 362-365.	0.2	3
15	Sequence of the phase transitions in a two-dimensional ferromagnet with competing one-ion and exchange anisotropies. Journal of Physics and Chemistry of Solids, 2006, 67, 2458-2467.	1.9	3
16	Phase transitions in 2D and 3D non-Heisenberg ferromagnets with temperature-dependent anisotropy. Physics of the Solid State, 2008, 50, 696-702.	0.2	3
17	Orbital angular momentum control by a multihelicoidal fibre with a twist defect. Journal of Optics (United Kingdom), 2013, 15, 125401.	1.0	3
18	Sublattice magnetization in a two-sublattice ferrimagnetic with single-ion anisotropy in one of the sublattices. Low Temperature Physics, 2012, 38, 395-398.	0.2	2

#	ARTICLE	IF	CITATIONS
19	Temperature dependence of static and dynamic properties of an anisotropic ferrimagnet. <i>Physics of the Solid State</i> , 2012, 54, 1363-1369.	0.2	2
20	Supersolid magnetic phase in the two-dimensional Ising-like antiferromagnet with strong single-ion anisotropy. <i>Physics of the Solid State</i> , 2017, 59, 1739-1747.	0.2	2
21	Phase States of Non-Heisenberg Magnet with Spin $S = 3/2$ on a Triangular Lattice. <i>Physics of the Solid State</i> , 2018, 60, 1979-1988.	0.2	2
22	Dynamic and Static Properties of a Two-Sublattice Anisotropic Non-Heisenberg Magnet. <i>Journal of Experimental and Theoretical Physics</i> , 2019, 129, 1070-1078.	0.2	2
23	Spectra of coupled magnetoelastic waves and peculiarities of phase transitions in easy-plane ferromagnets under mechanical boundary conditions. <i>Low Temperature Physics</i> , 1998, 24, 261-266.	0.2	1
24	Anomalous behavior of longitudinally polarized sound waves in non-Heisenberg ferromagnets. <i>Low Temperature Physics</i> , 2000, 26, 484-488.	0.2	1
25	Phase diagram and the spectra of coupled magnetoelastic waves of a biaxial ferromagnet with a biquadratic interaction in an external magnetic field. <i>Low Temperature Physics</i> , 2000, 26, 822-826.	0.2	1
26	Magnetoelastic surface waves in a semi-infinite ferromagnet in an external magnetic field. <i>Low Temperature Physics</i> , 2003, 29, 652-656.	0.2	1
27	Influence of magnetoelastic coupling on the formation of a spatially inhomogeneous phase in two-dimensional ferromagnets. <i>Low Temperature Physics</i> , 2003, 29, 314-317.	0.2	1
28	Phase transitions in a ferromagnet with biquadratic exchange and hexagonal single-ion anisotropy. <i>Low Temperature Physics</i> , 2005, 31, 522-527.	0.2	1
29	Phase states of a two-dimensional non-Heisenberg ferromagnet. <i>Technical Physics Letters</i> , 2007, 33, 951-954.	0.2	1
30	Phase transitions as a function of material constants and temperature in intermetallic compounds of the terfenol-D type. <i>Physics of the Solid State</i> , 2010, 52, 1409-1416.	0.2	1
31	Cascade of phase transitions in the $\text{Fe}_1 \times \text{Co}_x$ monolayer. <i>Physics of the Solid State</i> , 2011, 53, 745-755.	0.2	1
32	Effect of magnetoelastic interactions on the formation of spiral magnetic structures in frustrated non-Heisenberg magnets. <i>Low Temperature Physics</i> , 2011, 37, 459-464.	0.2	1
33	Phase states of a 2D easy-plane ferromagnet with strong inclined anisotropy. <i>Journal of Experimental and Theoretical Physics</i> , 2012, 115, 1012-1019.	0.2	1
34	Effect of tilted anisotropy on spin states of strongly anisotropic 2D film. <i>Journal of Experimental and Theoretical Physics</i> , 2012, 114, 654-661.	0.2	1
35	Temperature dependence of the spectra of elementary excitations for anisotropic $S = 1$ ferromagnetics. <i>Low Temperature Physics</i> , 2014, 40, 972-977.	0.2	1
36	Effect of interionic anisotropy on the phase states and spectra of a non-Heisenberg magnet with $S = 1$. <i>Journal of Experimental and Theoretical Physics</i> , 2016, 122, 318-327.	0.2	1

#	ARTICLE	IF	CITATIONS
37	Spiral magnetic structure in non-Heisenberg magnets with an easy-axis anisotropy. Physics of the Solid State, 2016, 58, 1999-2004.	0.2	1
38	Dynamic and static properties of a non-Heisenberg magnet with complex interion anisotropy. Physics of the Solid State, 2017, 59, 504-513.	0.2	1
39	Non-Heisenberg Anisotropic Ferrimagnet. Journal of Experimental and Theoretical Physics, 2020, 131, 302-310.	0.2	1
40	Phase diagram of a spin-1 non-Heisenberg antiferromagnet. Low Temperature Physics, 2003, 29, 1014-1018.	0.2	0
41	Effect of single-ion anisotropy on the phase states of 2D non-Heisenberg ferromagnets. Low Temperature Physics, 2007, 33, 672-677.	0.2	0
42	Possibility of the development of explosive instability in a two-stream gravitating medium. Journal of Experimental and Theoretical Physics, 2008, 107, 228.	0.2	0
43	Spiral magnetic structure in Heisenberg and non-Heisenberg magnets. Physics of the Solid State, 2010, 52, 1196-1203.	0.2	0
44	Phase diagram of a thin film of the Fe _{1-x} Co _x alloy with the bulk or planar magnetoelastic interaction. Journal of Experimental and Theoretical Physics, 2011, 112, 261-273.	0.2	0
45	Specific features of the formation of phase states in a non-Heisenberg magnet with S = 2. Physics of the Solid State, 2013, 55, 737-742.	0.2	0
46	Effect of mechanical boundary conditions on the dynamic and static properties of a strongly anisotropic ferromagnet. Journal of Experimental and Theoretical Physics, 2013, 117, 126-138.	0.2	0
47	Dynamic and static properties of rigidly fixed ultrathin ferromagnetic films with S= 1 and competing anisotropies. Low Temperature Physics, 2014, 40, 423-434.	0.2	0
48	A Two-Sublattice Non-Heisenberg Magnet with S = 1 and Complex Interion Anisotropy. Journal of Experimental and Theoretical Physics, 2018, 127, 328-336.	0.2	0
49	10.1007/s11455-008-3022-2. , 2010, 34, 251.		0