

Liudmila E Gonchar

List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic frustration in insulating Jahn-Teller manganite crystals. <i>Low Temperature Physics</i> , 2022, 48, 37-42.	0.6	2
2	Noncollinear Magnetic Structures in Charge-Ordered Pseudo-Perovskite Manganites. <i>Physics of Metals and Metallography</i> , 2022, 123, 268-275.	1.0	0
3	Theoretical study of frustrated magnetic ordering in $\text{La}_{1/3}\text{Ca}_{2/3}\text{MnO}_3$: The role of charge-orbital ordering. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 513, 167248.	2.3	3
4	Orbital Ordering Effect on Magnetic Resonance Spectra in Charge-Ordered and Frustrated Manganites. <i>Physics of the Solid State</i> , 2019, 61, 728-734.	0.6	6
5	Vibronic interaction as main reason of magnetic ordering in insulating manganites $\text{R}_1\text{A}_x\text{MnO}_3$. <i>EPJ Web of Conferences</i> , 2018, 185, 06005.	0.3	0
6	Orbital state dependence of insulating manganites' magnetic ordering. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 465, 661-669.	2.3	10
7	Structure and lattice dynamics of Jahn-Teller crystal BiMnO_3 : ab initio calculation. <i>Journal of Physics: Conference Series</i> , 2017, 833, 012006.	0.4	0
8	The influence of nonlinear vibronic interaction on the BiMnO_3 orbital and magnetic structures. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2014, 116, 823-827.	0.6	0
9	Specific features of magnetic structure formation in orbitally degenerate BiMnO_3 manganite. <i>Journal of Experimental and Theoretical Physics</i> , 2013, 116, 812-816.	0.9	1
10	Crucial role of orbital structure in formation of frustrated magnetic structure in BiMnO_3 . <i>Physical Review B</i> , 2013, 88, .	3.2	15
11	Effects of Non-Magnetic Doping upon Orbital and Magnetic Structures of Lanthanum Manganite. <i>Solid State Phenomena</i> , 2012, 190, 671-674.	0.3	0
12	Theoretical investigation of NMR spectra in rare-earth manganites. <i>Journal of Physics: Conference Series</i> , 2011, 324, 012016.	0.4	0
13	Effect of pressure on the magnetic properties of lanthanum manganite. <i>Journal of Experimental and Theoretical Physics</i> , 2010, 111, 194-198.	0.9	1
14	Theory of magnetic resonance as an orbital state probe. <i>Physical Review B</i> , 2009, 79, .	3.2	8
15	Antiferromagnetic Resonance in LaMnO_3 . <i>Applied Magnetic Resonance</i> , 2008, 33, 167-176.	1.2	1
16	Hyperfine interactions in charge ordered manganites. <i>Physics of the Solid State</i> , 2008, 50, 1716-1718.	0.6	0
17	Structure and the electronic and magnetic properties of LaTiO_3 . <i>Physics of the Solid State</i> , 2008, 50, 1795-1798.	0.6	21
18	Antiferromagnetic resonance in LaMnO_3 . <i>Low Temperature Physics</i> , 2007, 33, 229-233.	0.6	4

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19	Hyperfine interactions at the lanthanum ion nucleus in LaMnO ₃ . Low Temperature Physics, 2007, 33, 226-228.	0.6	1
20	Charge-ordering in La _{0.333} Ca _{0.667} MnO ₃ . Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 1222-1225.	0.8	2
21	The frustrated magnetic structure of charge-ordered manganite La _{0.333} Ca _{0.667} MnO ₃ . Journal of Magnetism and Magnetic Materials, 2006, 300, e167-e170.	2.3	6
22	Magnetic Structure and Antiferromagnetic Resonance Spectrum in Manganites: The Effect of Orbital Structure. Physics of the Solid State, 2005, 47, 1512.	0.6	0
23	Hyperfine Interaction in Charge-Ordered Manganites. Physics of the Solid State, 2005, 47, 1523.	0.6	1
24	Antiferromagnetic-resonance spectrum in charge-ordered R _{0.5} Ca _{0.5} MnO ₃ manganites (R=La, Pr, Tb): The effect of orbital and charge structures. Journal of Experimental and Theoretical Physics, 2003, 96, 510-522.	0.9	4
25	Superexchange interaction in insulating manganites R _{1-x} A _x MnO ₃ (x=0,0.5). Physical Review B, 2002, 66, .	3.2	33
26	Interplay between orbital, charge and magnetic orderings in R _{1-x} A _x MnO ₃ (x=0,0.5). Journal of Magnetism and Magnetic Materials, 2001, 223, 175-191.	2.3	33
27	Effect of orbital ordering on the magnetic-structure formation in the LaMnO ₃ Jahn-Teller magnet. Physics of the Solid State, 2000, 42, 1070-1074.	0.6	13
28	Antiferromagnetic resonance spectrum in LaMnO ₃ : Interrelation of the orbital structure and the magnetic properties. Journal of Experimental and Theoretical Physics, 2000, 91, 1221-1229.	0.9	10
29	Hyperfine Interactions in Half-Doped and 2/3-Doped Charge-Ordering Manganites. Solid State Phenomena, 0, 152-153, 112-115.	0.3	1
30	The Effect of Hydrostatic Pressure on Crystal and Orbital Structures of LaMnO ₃ and LaMn _{0.5} Ga _{0.5} O ₃ . Solid State Phenomena, 0, 168-169, 441-444.	0.3	1