

Maria M Markina

List of Publications by Year in descending order

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23
papers

780
citations

687363

13
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

890
citing authors

#	ARTICLE	IF	CITATIONS
1	Competition between Helimagnetism and Commensurate Quantum Spin Correlations in LiCu ₂ O ₂ . Physical Review Letters, 2004, 92, 177201.	7.8	185
2	Milestones of low-D quantum magnetism. Npj Quantum Materials, 2018, 3, .	5.2	124
3	Spin waves and magnetic interactions in LiCu ₂ O ₂ . Physical Review B, 2005, 72, .	3.2	113
4	Spin gap in low-dimensional magnets (Review). Low Temperature Physics, 2005, 31, 203-223.	0.6	49
5	Synthesis and crystal structure of the Sr ₂ Al _{1.07} Mn _{0.93} O ₅ brownmillerite. Journal of Materials Chemistry, 2007, 17, 692-698.	6.7	42
6	Structural and magnetic phase transitions of kagome-like compounds REBaCo ₄ O ₇ (RE=Dy, Ho, Er, Tm.) Tj ETQqO 0,0 rgBT /Overlock 10	2.3	40
7	Masuda et al. Reply. Physical Review Letters, 2005, 94, .	7.8	33
8	Two new lanthanide members of francisite family Cu ₃ Ln(SeO ₃) ₂ O ₂ Cl (Ln=Eu, Lu). Journal of Alloys and Compounds, 2016, 685, 442-447.	5.5	25
9	Magnetic phase diagram and first-principles study of $PbMn_3O_{14}$. Physical Review B, 2014, 89, .	3.2	23
10	Specific heat and magnetic susceptibility of spinel compounds CdV ₂ O ₄ , ZnV ₂ O ₄ and MgTi ₂ O ₄ . Journal of Magnetism and Magnetic Materials, 2006, 300, e375-e377.	2.3	22
11	Magnetization reversal in weak ferrimagnets and canted antiferromagnets. Journal of Magnetism and Magnetic Materials, 2003, 262, 445-451.	2.3	19
12	A ₂ MnXO ₄ Family (A = Li, Na, Ag; X = Si, Ge): Structural and Magnetic Properties. Inorganic Chemistry, 2017, 56, 14023-14039.	4.0	19
13	Static and dynamic magnetic properties of two synthetic francisites Cu ₃ La(SeO ₃) ₂ O ₂ X (X=Br and Cl). Physics and Chemistry of Minerals, 2017, 44, 277-285.	0.8	19
14	Thermodynamic properties and rare-earth spectroscopy of Cu ₃ Nd(SeO ₃) ₂ O ₂ X (X=Cl, Br). Journal of Magnetism and Magnetic Materials, 2019, 492, 165721.	2.3	11
15	Synthesis and crystal structure of novel CaRMnSnO ₆ (R = La, Pr, Nd, Sm-Dy) double perovskites. Journal of Materials Chemistry, 2005, 15, 4899.	6.7	10
16	Quantum critical point in CuGeO ₃ doped with magnetic impurities. Physica B: Condensed Matter, 2003, 329-333, 715-716.	2.7	9
17	Francisites as new geometrically frustrated quasi-two-dimensional magnets. Physics-Uspekhi, 2021, 64, 344-356.	2.2	8
18	Thermodynamic properties of the kagome-like compound YBaCo _{4-x} Zn _x O ₇ with magnetic dilution. Journal of Magnetism and Magnetic Materials, 2008, 320, e434-e436.	2.3	7

#	ARTICLE	IF	CITATIONS
19	La ₃ CrGe ₃ Be ₂ O ₁₄ and Nd ₃ CrGe ₃ Be ₂ O ₁₄ : New magnetic compounds of the langasite family. Journal of Alloys and Compounds, 2019, 779, 380-386.	5.5	6
20	Spin ordering and hyperfine interactions in langasite-like ferrite Ba ₃ SbFe ₃ Si ₂ O ₁₄ : ⁵⁷ Fe Mössbauer reinvestigation and ESR measurements. Journal of Alloys and Compounds, 2019, 797, 432-442.	5.5	5
21	Physical properties of cobalt dugganites Pb ₃ TeCo ₃ P ₂ O ₁₄ and Pb ₃ TeCo ₃ As ₂ O ₁₄ . Physics and Chemistry of Minerals, 2016, 43, 51-58.	0.8	2
22	Long-range magnetic order in Li _x Na _{1-x} Cu ₂ O ₂ . Journal of Experimental and Theoretical Physics, 2007, 105, 18-20.	0.9	0
23	Thermodynamic and optical properties of new langasites Pr ₃ CrGe ₃ Be ₂ O ₁₄ and Pr ₃ AlGe ₃ Be ₂ O ₁₄ . Journal of Alloys and Compounds, 2021, 898, 162766.	5.5	0