

Tatiana Gavrilova

List of Publications by Year in descending order

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all docs

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docs citations

37
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of titanium substitution and temperature variation on structure and magnetic state of barium hexaferrites. Journal of Alloys and Compounds, 2021, 859, 158365.	5.5	61
2	Structural and magnetic dimers in the spin-gapped system CuTe2O5. Physical Review B, 2006, 74, .	3.2	50
3	Magnetic properties of the covalent chain antiferromagnet RbFeSe_2 . Physical Review B, 2016, 94, .	3.2	16
4	Crystal environment of impurity Nd ³⁺ ion in yttrium and scandium orthosilicate crystals. Journal of Magnetic Resonance, 2018, 295, 12-16.	2.1	15
5	Magnetization and specific heat of the dimer system CuTe2O5. European Physical Journal B, 2011, 84, 391-395.	1.5	12
6	Magnetic and magnetocaloric properties of $(1-x)\text{La}\text{MnO}_3$. Journal of Applied Physics, 2007, 102, 084105.	2.3	12
7	Magnetic properties of ludwigite $\text{Mn}_{2.25}\text{Co}_{0.75}\text{BO}_5$. Journal of Physics and Chemistry of Solids, 2021, 148, 109695.	4.0	11
8	Vibrational and magnetic properties of crystalline CuTe2O5. JETP Letters, 2015, 100, 652-656.	1.4	10
9	Investigations of Y2SiO5: Nd ¹⁴³ by ESR method. Journal of Magnetism and Magnetic Materials, 2017, 440, 13-14.	2.3	9
10	Structural and magnetic properties of Yb ¹⁴³ Sr MnO3. Ceramics International, 2019, 45, 10286-10294.	4.8	9
11	Anisotropic exchange interactions in CuTe2O5. Physics of the Solid State, 2008, 50, 283-289.	0.6	8
12	Magnetic Resonance Investigations of h-YbMnO3. Applied Magnetic Resonance, 2016, 47, 869-879.	1.2	8
13	Magnetic properties of $(\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3)_x(\text{CaCu}_3\text{Ti}_4\text{O}_{12})_{1-x}$ nanostructured composites. Journal of Alloys and Compounds, 2017, 714, 213-224.	5.5	8
14	Magnetic properties and vanadium oxidation state in $\text{Li}_3\text{V}_2(\text{PO}_4)_3/\text{C}$ composite: Magnetization and ESR measurements. Solid State Communications, 2021, 323, 114108.	1.9	8
15	Flux crystal growth of Cu2GaBO5 and Cu2AlBO5. Journal of Crystal Growth, 2020, 545, 125723.	1.5	8
16	Magnetic properties of chain antiferromagnets RbFeSe2, TlFeSe2, and TlFeS2. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 885-887.	0.6	7
17	EPR Study of Sc2SiO5:Nd ¹⁴³ Isotopically Pure Impurity Crystals. Applied Magnetic Resonance, 2018, 49, 53-60.	1.2	7
18	Structure, magnetic and thermodynamic properties of heterometallic ludwigites: Cu2GaBO5 and Cu2AlBO5. Journal of Magnetism and Magnetic Materials, 2020, 515, 167262.	2.3	7

#	ARTICLE	IF	CITATIONS
19	Anisotropic exchange in LiCu2O2. Physical Review B, 2017, 95, .	3.2	6
20	Electron paramagnetic resonance studies of GdMnO3 single crystal and thin film deposited onto a LaAlO3 substrate. JETP Letters, 2012, 96, 416-420.	1.4	5
21	Magnetic Properties of Li3V2(PO4)3/Li3PO4 Composite. Magnetochemistry, 2021, 7, 64.	2.4	5
22	Synthesis, structure, magnetic behavior and dielectric relaxation of the $\text{La}_x\text{Sr}_{2-x}\text{Fe}_{1-x}\text{Ti}_1\text{Ni}_{1-x}\text{O}_4$ ($x=0.5, 0.7$) oxide ceramic. Journal of Solid State Chemistry, 2020, 292, 121687.	2.9	5
23	EPR spectra of a GdMnO3 thin film on a SrTiO3 substrate. JETP Letters, 2013, 98, 380-383.	1.4	4
24	Structural and magnetic properties of nanostructured composites (SrFe12O19) (CaCu3Ti4O12)1-. Physica B: Condensed Matter, 2018, 536, 303-309.	2.7	4
25	Iron oxidation state in La0.7Sr1.3Fe0.7Ti0.3O4 and La0.5Sr1.5Fe0.5Ti0.5O4 layered perovskites: Magnetic properties. Journal of Physics and Chemistry of Solids, 2021, 153, 109994.	4.0	4
26	Magnetic and dielectric properties of o-LuFeO3/SrTiO3. Journal of Physics: Conference Series, 2017, 903, 012014.	0.4	2
27	Investigation of the Magnetic Properties of Ludwigites. Bulletin of the Russian Academy of Sciences: Physics, 2019, 83, 912-914.	0.6	2
28	Observation of μ -Fe2O3 nanoparticles precipitated in potassium aluminoborate glasses doped with 4 mol % Fe2O3. Journal of Physics and Chemistry of Solids, 2019, 133, 7-14.	4.0	2
29	Formation of Pores in Thin Germanium Films under Implantation by Ge+ Ions. Technical Physics Letters, 2020, 46, 707-709.	0.7	2
30	Magnetization of manganite thin films on ferroelectric substrates. Journal of Magnetism and Magnetic Materials, 2017, 440, 179-180.	2.3	1
31	ESR and Mössbauer Spectroscopic Study of Sr-Doped Ytterbium Ferromanganites. Physics of the Solid State, 2018, 60, 936-942.	0.6	1
32	Temperature features of the EPR spectrum of GdMnO3: Single crystal and thin film GdMnO3/LaAlO3. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 1213-1215.	0.6	0
33	Oscillation of the multiferroic/ferroelectric GdMnO3/SrTiO3 and YbMnO3/SrTiO3 interfaces in the EPR spectrum. Low Temperature Physics, 2015, 41, 43-46.	0.6	0
34	Investigation of the Magnetic Properties of Warwickite Mn0.89Mg1.11BO4. Bulletin of the Russian Academy of Sciences: Physics, 2019, 83, 792-794.	0.6	0
35	Magnetic, Magnetocaloric and Magnetoacoustic Properties of $(1-x)\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3/x\text{GeO}_2$ ($x=0, 0.15$). Solid State Phenomena, 2019, 289, 170-176.	0.3	0
36	Analysis of nanostructured cobalt ion beam-modified Ge surface for high capacity Li-ion battery anodes by X-ray photoelectron spectroscopy. Journal of Physics: Conference Series, 2020, 1588, 012024.	0.4	0

#	ARTICLE	IF	CITATIONS
37	10.1007/s11451-008-2011-2. , 2010, 50, 283.		0