

Adler G Gamzatov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Magnetocaloric effect in $\text{La}_{0.70}\text{Ag}_{0.25}\text{MnO}_3$ magnetic nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 549, 169002.	2.3	4
2	Anomalous heat transfer near the martensite-austenite phase transition in $\text{Ni}_{50}\text{Mn}_{28}\text{Ga}_{22}(\text{Cu}, \text{Zn})$ ($x = 0, 0.1, 0.2, 0.3$). <i>Journal of Applied Physics</i> , 2022, 123, 084101.	3.9	3
3	Magnetocaloric effect in manganites in alternating magnetic fields. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 553, 169300.	2.3	7
4	Enhanced Performance of ΔT_{ad} upon Frequent Alternating Magnetic Fields in FeRh Alloys by Introducing Second Phases. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 18293-18301.	8.0	11
5	Effect of Hydrostatic Pressure on the Resistivity of $\text{La}_{0.8}\text{Ag}_{0.1}\text{MnO}_3$ Ceramic near TC. <i>JETP Letters</i> , 2022, 115, 190-195.	1.4	0
6	Direct and Inverse Magnetocaloric Effect in a $\text{Ni}_{50}\text{Mn}_{35}\text{Al}_2\text{Sn}_{13}$ Heusler-Alloy Ribbon Sample. <i>Physics of Metals and Metallography</i> , 2022, 123, 392-396.	1.0	0
7	Thermophysical and Magnetocaloric Properties of the $\text{LaFe}_{11.1}\text{Mn}_{0.1}\text{Co}_{0.7}\text{Si}_{1.1}$ Alloy. <i>Physics of Metals and Metallography</i> , 2022, 123, 414-418.	1.0	3
8	Giant magnetocaloric effect in $\text{MnAs}_{1-x}\text{Px}$ in a cyclic magnetic field: Lattice and magnetic contributions and degradation of the effect. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	26
9	Dynamics of the magnetocaloric effect in cyclic magnetic fields in $\text{Ni}_{50}\text{Mn}_{35}\text{Al}_2\text{Sn}_{13}$ ribbon sample. <i>Journal of Materials Science</i> , 2021, 56, 15397.	3.7	8
10	Magnetic, magnetotransport and critical properties of polycrystalline $\text{Pr}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ located at the tricritical point. <i>Journal of Alloys and Compounds</i> , 2021, 884, 161046.	5.5	7
11	Critical behavior of polycrystalline $\text{Pr}_{0.7}\text{Ca}_{0.1}\text{Sr}_{0.2}\text{MnO}_3$ exhibiting the crossover of first and second order magnetic phase transitions. <i>Journal of Materials Research and Technology</i> , 2020, 9, 12747-12755.	5.8	10
12	Thermal, Magnetic, and Magnetotransport Properties of a Rapidly Quenched $\text{Ni}_{50}\text{Mn}_{35}\text{Al}_2\text{Sn}_{13}$ Tape Sample. <i>Physics of the Solid State</i> , 2020, 62, 1280-1284.	0.6	1
13	Structural and Magnetic Properties Control of $\text{Pr}_{0.7}\text{Ba}_{0.3}\text{MnO}_3$ with Sr-Doping. <i>Physics of the Solid State</i> , 2020, 62, 845-850.	0.6	3
14	Phase transitions, thermal, electrical, and magnetocaloric properties of $\text{Ni}_{50}\text{Mn}_{37-x}\text{Al}_x\text{Sn}_{13}$ ($x=2, 4$) ribbon samples. <i>Journal of Alloys and Compounds</i> , 2020, 842, 155783.	5.5	7
15	Specific Heat and Magnetocaloric Effect of $\text{LaFe}_{11.2-x}\text{Mn}_x\text{Co}_{0.7}\text{Si}_{1.1}$ ($x = 0, 0.1, 0.2, 0.3$). <i>Physics of the Solid State</i> , 2020, 62, 841-844.	0.6	3
16	Anisotropic magnetocaloric properties of the ludwigite single crystal Cu_2MnBO_5 . <i>Applied Physics Letters</i> , 2020, 116, .	3.3	6
17	Determination of the magnetocaloric effect from thermophysical parameters and their relationships near magnetic phase transition in doped manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 513, 167209.	2.3	7
18	Temperature-Frequency Dependence of the Dielectric Response in LuFe_2O_4 Multiferroics. <i>Physics of the Solid State</i> , 2020, 62, 765-769.	0.6	3

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19	Magnetocaloric properties in the $\text{Pr}_{0.7}\text{Sr}_{0.3-x}\text{Ca}_x\text{MnO}_3$: Direct and indirect estimations from thermal diffusivity data. <i>Journal of Alloys and Compounds</i> , 2019, 782, 729-734.	5.5	12
20	Magnetocaloric effect in $\text{La}_{0.7}\text{Pr}_x\text{Sr}_{0.3}\text{MnO}_3$ manganites: Direct and indirect measurements. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 474, 477-481.	2.3	21
21	Anomalous frequency behavior of temperature dependent impedance spectra of the LuFe_2O_4 multiferroic. <i>Applied Physics Letters</i> , 2018, 112, 092902.	3.3	4
22	Critical Behavior of the Specific Heat of $\text{Pr}_{0.6}\text{Sr}_{0.4}\text{Mn}_{1-x}\text{Fe}_x\text{O}_3$ Manganites. <i>Journal of Superconductivity and Novel Magnetism</i> , 2018, 31, 197-201.	1.8	0
23	Correlation of the magnetocaloric effect and magnetostriction near the first-order phase transition in $\text{Pr}_{0.7}\text{Sr}_{0.2}\text{Ca}_{0.1}\text{MnO}_3$ manganite. <i>Journal of Applied Physics</i> , 2018, 124, .	2.5	15
24	Inverse-direct magnetocaloric effect crossover in $\text{Ni}_{47}\text{Mn}_{40}\text{Sn}_{12.5}\text{Cu}_{0.5}$ Heusler alloy in cyclic magnetic fields. <i>Applied Physics Letters</i> , 2018, 113, 172406.	3.3	26
25	Effect of Frequency of the Alternating Electric Field on Temperature Impedance Spectra of LuFe_2O_4 Ceramic Multiferroic. <i>Physics of the Solid State</i> , 2018, 60, 1073-1077.	0.6	1
26	Mechanisms of heat carriers scattering in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ single crystals near the phase transition temperature. <i>Journal of Alloys and Compounds</i> , 2017, 705, 740-744.	5.5	5
27	Magnetocaloric effect in $\text{La}_{1-x}\text{K}_x\text{MnO}_3$ ($x = 0.11, 0.13, 0.15$) composite structures in magnetic fields up to 80 kOe . <i>Journal of Alloys and Compounds</i> , 2017, 710, 292-296.	5.5	18
28	Heat capacity and the magnetocaloric effect in $\text{Pr}_{0.6}\text{Sr}_{0.4}\text{Mn}_{1-x}\text{Fe}_x\text{O}_3$ manganite. <i>Physics of the Solid State</i> , 2017, 59, 2092-2096.	0.6	5
29	Specific heat, thermal diffusion, thermal conductivity and magnetocaloric effect in $\text{Pr}_{0.6}\text{Sr}_{0.4}\text{Mn}_{1-x}\text{Fe}_x\text{O}_3$ manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 443, 352-357.	2.3	17
30	Thermal physical properties of the $\text{La}_{0.825}\text{Sr}_{0.175}\text{MnO}_3$ single crystals. <i>Physics of the Solid State</i> , 2017, 59, 1879-1882.	0.6	2
31	Low-temperature transport in $\text{La}_{0.5}\text{Ca}_{0.4}\text{Li}_{0.1}\text{MnO}_3$ manganite in high magnetic fields ($1\text{ T} \leq H \leq 14\text{ T}$). <i>Journal of Experimental and Theoretical Physics</i> , 2016, 122, 151-158.	0.9	2
32	Magnetocaloric effect in sandwich structures of $\text{La}_{1-x}\text{K}_x\text{MnO}_3$ manganites. <i>Physics of the Solid State</i> , 2016, 58, 1346-1349.	0.6	2
33	Low-Temperature Intergranular Spin Transport in $\text{La}_{0.5}\text{Ca}_{0.4}\text{Li}_{0.1}\text{MnO}_3$ Manganite Under High Magnetic Field ($1\text{ T} \leq H \leq 14\text{ T}$)	0.784314	1
34	Magnetic and magnetocaloric properties of $\text{LuFe}_2\text{Mn}_x\text{O}_4 + \gamma$ multiferroics. <i>Physics of the Solid State</i> , 2016, 58, 1143-1147.	0.6	3
35	Comment on "Magnetic and magnetoresistance in half-doped manganite $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ and $\text{La}_{0.5}\text{Ca}_{0.4}\text{Ag}_{0.1}\text{MnO}_3$ ". <i>Journal of Alloys and Compounds</i> , 2016, 664, 83-84.	5.5	1
36	Effect of the ionic radius of A-cations on the magnetic and magnetocaloric properties of charge-ordered manganite $\text{La}_{0.5}\text{Ca}_{0.5-x}\text{Sr}_x\text{MnO}_3$ ($0 \leq x \leq 0.5$). <i>Physics of the Solid State</i> , 2015, 57, 2423-2426.	0.6	1

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37	Specific heat and magnetocaloric effect of $\text{Pr}_{1-x}\text{Ag}_x\text{MnO}_3$ manganites. <i>Journal of Materials Science</i> , 2014, 49, 294-299.	3.7	17
38	Weak amplification of the magnetocaloric effect in manganites. <i>Phase Transitions</i> , 2014, 87, 305-311.	1.3	4
39	Tunneling magnetoresistance and indirect measurement of the magnetocaloric effect in lanthanum deficient manganite $\text{La}_{0.8}\text{Ag}_{0.1}\text{MnO}_3$. <i>Journal of Applied Physics</i> , 2013, 114, 093902.	2.5	6
40	Magnetocaloric properties of $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ manganites with ^{16}O \rightarrow ^{18}O isotopic substitution. <i>Physics of the Solid State</i> , 2013, 55, 1170-1174.	0.6	3
41	Resistivity and magnetocaloric effect in manganites $\text{La}_{0.75}\text{Ag}_{0.125}\text{Mn}_{0.85}\text{O}_2$ and $\text{La}_{0.7}\text{Ag}_{0.15}\text{Mn}_{0.8}\text{O}_2$. <i>Low Temperature Physics</i> , 2013, 39, 953-956.	0.6	2
42	Magnetic and thermophysical properties of $\text{Gd}_x\text{Mn}_{1-x}\text{S}$ solid solutions. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 025802.	1.8	9
43	Influence of the granule size on the magnetocaloric properties of manganite $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$. <i>Physics of the Solid State</i> , 2013, 55, 502-507.	0.6	5
44	Influence of the isotopic substitution ^{16}O \rightarrow ^{18}O on the magnetic, electrical, and thermal properties of manganite $\text{La}_{0.8}\text{Ag}_{0.1}\text{MnO}_3$. <i>Physics of the Solid State</i> , 2013, 55, 476-480.	0.6	4
45	Resistivity, specific heat, and magnetocaloric effect of $\text{La}_{0.8}\text{Ag}_{0.1}\text{MnO}_3$: Effect of isotopic substitution of ^{16}O \rightarrow ^{18}O . <i>Applied Physics Letters</i> , 2013, 102, 032404.	3.3	13
46	Phase separation and direct magnetocaloric effect in $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ manganite. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	33
47	The dependence of percolation threshold on doping degree in $\text{La}_{1-x}(\text{K}, \text{Ag})_x\text{MnO}_3$ manganites. <i>Journal of Alloys and Compounds</i> , 2012, 513, 334-338.	5.5	5
48	Magnetocaloric properties of $\text{La}_{0.7}\text{Ca}_{0.3}\text{Mn}_{16}\text{O}_3$ and $\text{La}_{0.7}\text{Ca}_{0.3}\text{Mn}_{18}\text{O}_3$ manganites and their $\text{A}^{\text{B}}\text{sandwich}^{\text{A}}$. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	32
49	Relationship between the magnetoresistance and the magnetocaloric effect in $\text{La}_{1-x}\text{Ag}_x\text{MnO}_3$ manganites. <i>Physics of the Solid State</i> , 2012, 54, 70-73.	0.6	18
50	Influence of grain boundaries on resistivity of manganites $\text{La}_{1-x}\text{K}_x\text{MnO}_3$. <i>Physics of the Solid State</i> , 2012, 54, 617-621.	0.6	12
51	Direct and inverse magnetocaloric effects in A-site ordered $\text{PrBaMn}_2\text{O}_6$ manganite. <i>Journal of Alloys and Compounds</i> , 2011, 509, L165-L167.	5.5	8
52	Critical behavior of $\text{La}_{0.87}\text{K}_{0.13}\text{MnO}_3$ manganite. <i>Journal of Alloys and Compounds</i> , 2011, 509, 8295-8298.	5.5	10
53	A method for determining the texture scattering angle and the relative remanent magnetization of anisotropic permanent magnets. <i>Instruments and Experimental Techniques</i> , 2011, 54, 828-830.	0.5	1
54	Low field magnetocaloric effect and heat capacity of A-site ordered $\text{NdBaMn}_2\text{O}_6$ manganite. <i>Solid State Communications</i> , 2011, 151, 1820-1823.	1.9	3

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55	Specific heat and low-field magnetocaloric effect in A-site ordered PrBaMn ₂ O ₆ manganite. Philosophical Magazine Letters, 2011, 91, 354-360.	1.2	5
56	Magnetocaloric properties of La _{1-x} K _x MnO ₃ manganites. Journal of Experimental and Theoretical Physics, 2011, 112, 460-468.	0.9	19
57	Correlation of electrical, magnetic, and thermal properties of the La _{0.85} Ag _{0.15} MnO ₃ manganite near the phase transition temperature. Physics of the Solid State, 2011, 53, 182-188.	0.6	17
58	Critical behavior of the heat capacity of the manganite La _{0.87} K _{0.13} MnO ₃ . Physics of the Solid State, 2011, 53, 2271-2274.	0.6	4
59	Structure and magnetocaloric properties of La _{1-x} K _x MnO ₃ manganites. Physica B: Condensed Matter, 2011, 406, 885-889.	2.7	42
60	The relation between magnetoresistance and magnetocaloric effect in La _{0.85} Ag _{0.15} MnO ₃ manganite. Physica B: Condensed Matter, 2011, 406, 1902-1905.	2.7	21
61	Correlation of electrical and thermalphysical properties of La _{0.85} Ag _{0.15} MnO ₃ manganite. Physica B: Condensed Matter, 2011, 406, 2231-2234.	2.7	21
62	Critical behavior of the heat capacity of Ag-doped manganites. Physics of the Solid State, 2010, 52, 335-338.	0.6	5
63	Heat capacity and magnetocaloric properties of La _{1-x} K _x MnO ₃ manganites. Physics of the Solid State, 2010, 52, 789-793.	0.6	18
64	Nanostructured multiferroic PbFe _{0.5} Nb _{0.5} O ₃ and its physical properties. Technical Physics, 2010, 55, 1596-1599.	0.7	10
65	The quantitative analysis of the temperature dependence of the resistivity in La _{0.85} Ag _{0.15} MnO ₃ manganite. Phase Transitions, 2010, 83, 343-348.	1.3	3
66	Influence of Ag doping on the critical behavior of the heat capacity of manganites. Phase Transitions, 2010, 83, 10-15.	1.3	7
67	Magnetocaloric effect in Pr _{1-x} Ag _x MnO ₃ manganites. JETP Letters, 2010, 91, 341-343.	1.4	9
68	Thermophysical properties of the manganites (Nd,Sm,Eu) _{0.55} Sr _{0.45} MnO ₃ . Low Temperature Physics, 2010, 36, 171-175.	0.6	19
69	The low-temperature minimum of the resistivity of La _{0.85} Ag _{0.15} MnO ₃ manganite. Bulletin of the Russian Academy of Sciences: Physics, 2009, 73, 1304-1306.	0.6	0
70	Magnetocaloric properties of manganites La _{1-x} (Ag, K) _x MnO ₃ . Bulletin of the Lebedev Physics Institute, 2009, 36, 367-368.	0.6	2
71	Influence of the lanthanum deficit on electrical resistivity and heat capacity of silver-doped lanthanum manganites La _{1-x} Ag _y MnO ₃ . Journal of Experimental and Theoretical Physics, 2009, 109, 989-996.	0.9	9
72	Critical behavior of the specific heat of manganites La _{1-x} Ag _x MnO ₃ (x=0.1,0.15,0.2) near the Curie point. Low Temperature Physics, 2009, 35, 214-218.	0.6	20

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73	Spin-polarized transport in the manganite La _{0.85} Ag _{0.15} MnO ₃ . Low Temperature Physics, 2009, 35, 219-222.	0.6	18
74	Electrical and thermal properties of the manganite La _{0.8} Ag _{0.15} MnO ₃ . Low Temperature Physics, 2007, 33, 829-832.	0.6	15
75	Magnetocaloric effect in La _{1-x} Ag _y MnO ₃ (y ≈ 1/2x): direct and indirect measurements. Journal Physics D: Applied Physics, 2007, 40, 4413-4417.	2.8	79
76	Critical behaviour of the specific heat of La _{0.9} Ag _{0.1} MnO ₃ manganite. Physica B: Condensed Matter, 2007, 390, 155-158.	2.7	9
77	Thermal and transport properties of manganites (La _{1-x} Ag _x MnO ₃ , x = 0.45). Physica B: Condensed Matter, 2007, 395, 151-154.	2.7	5
78	Dependence of the heat capacity of La _{1-x} Ag _x MnO ₃ manganites on the Ag content. JETP Letters, 2007, 86, 340-343.	1.4	14
79	Kinetic effects in manganites La _{1-x} Ag _y MnO ₃ (y ≈ x). Journal of Experimental and Theoretical Physics, 2007, 105, 774-781.	0.9	29
80	Heat capacity of the La _{0.9} Ag _{0.1} MnO ₃ manganite near the curie temperature. Physics of the Solid State, 2007, 49, 1769-1772.	0.6	6
81	Specific heat of Sm _{0.55} Sr _{0.45} MnO ₃ manganite in magnetic fields up to 15 T: An anomalous critical behavior of the ferromagnet in magnetic field and the observation of a tricritical point. JETP Letters, 2006, 84, 31-34.	1.4	10
82	Magnetocaloric effect in silver-doped lanthanum manganites. Technical Physics Letters, 2006, 32, 471-473.	0.7	14
83	Thermal and Magnetocaloric Properties of La _{0.7} Sr _{0.3} ÀxÀBaxMnO ₃ Manganites. Physics of the Solid State, 0, , .	0.6	0