

Adler G Gamzatov

List of Publications by Year in descending order

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papers

863
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471509

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#	ARTICLE	IF	CITATIONS
1	Magnetocaloric effect in $\text{La}_{1-x}\text{Ag}_y\text{MnO}_3$ ($y \approx \frac{1}{2}$): direct and indirect measurements. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 4413-4417.	2.8	79
2	Structure and magnetocaloric properties of $\text{La}_{1-x}\text{KxMnO}_3$ manganites. <i>Physica B: Condensed Matter</i> , 2011, 406, 885-889.	2.7	42
3	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
4	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 "sandwich" structure. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	32
5	Kinetic effects in manganites $\text{La}_{1-x}\text{Ag}_y\text{MnO}_3$ ($y \approx x$). <i>Journal of Experimental and Theoretical Physics</i> , 2007, 105, 774-781.	0.9	29
6	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
7	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
8	The relation between magnetoresistance and magnetocaloric effect in $\text{La}_{0.85}\text{Ag}_{0.15}\text{MnO}_3$ manganite. <i>Physica B: Condensed Matter</i> , 2011, 406, 1902-1905.	2.7	21
9	Correlation of electrical and thermal physical properties of $\text{La}_{0.85}\text{Ag}_{0.15}\text{MnO}_3$ manganite. <i>Physica B: Condensed Matter</i> , 2011, 406, 2231-2234.	2.7	21
10	Magnetocaloric effect in $\text{La}_{0.7-x}\text{Pr}_x\text{Sr}_{0.3}\text{MnO}_3$ manganites: Direct and indirect measurements. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 474, 477-481.	2.3	21
11	Critical behavior of the specific heat of manganites $\text{La}_{1-x}\text{Ag}_x\text{MnO}_3$ ($x=0.1, 0.15, 0.2$) near the Curie point. <i>Low Temperature Physics</i> , 2009, 35, 214-218.	0.6	20
12	Thermophysical properties of the manganites $(\text{Nd,Sm,Eu})_{0.55}\text{Sr}_{0.45}\text{MnO}_3$. <i>Low Temperature Physics</i> , 2010, 36, 171-175.	0.6	19
13	Magnetocaloric properties of $\text{La}_{1-x}\text{K}_x\text{MnO}_3$ manganites. <i>Journal of Experimental and Theoretical Physics</i> , 2011, 112, 460-468.	0.9	19
14	Spin-polarized transport in the manganite $\text{La}_{0.85}\text{Ag}_{0.15}\text{MnO}_3$. <i>Low Temperature Physics</i> , 2009, 35, 219-222.	0.6	18
15	Heat capacity and magnetocaloric properties of $\text{La}_{1-x}\text{K}_x\text{MnO}_3$ manganites. <i>Physics of the Solid State</i> , 2010, 52, 789-793.	0.6	18
16	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
17	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
18	Correlation of electrical, magnetic, and thermal properties of the $\text{La}_{0.85}\text{Ag}_{0.15}\text{MnO}_3$ manganite near the phase transition temperature. <i>Physics of the Solid State</i> , 2011, 53, 182-188.	0.6	17

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19	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
20	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
21	Electrical and thermal properties of the manganite $\text{La}_{0.8}\text{Ag}_{0.15}\text{MnO}_3$. <i>Low Temperature Physics</i> , 2007, 33, 829-832.	0.6	15
22	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
23	Magnetocaloric effect in silver-doped lanthanum manganites. <i>Technical Physics Letters</i> , 2006, 32, 471-473.	0.7	14
24	Dependence of the heat capacity of $\text{La}_{1-x}\text{Ag}_x\text{MnO}_3$ manganites on the Ag content. <i>JETP Letters</i> , 2007, 86, 340-343.	1.4	14
25	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 and ^{18}O . <i>Applied Physics Letters</i> , 2013, 102, 032404.	3.3	13
26	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
27	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
28	Enhanced Performance of $\langle T \rangle$ 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
29	Specific heat of $\text{Sm}_{0.55}\text{Sr}_{0.45}\text{MnO}_3$ 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. <i>JETP Letters</i> , 2006, 84, 31-34.	1.4	10
30	Nanostructured multiferroic $\text{PbFe}_{0.5}\text{Nb}_{0.5}\text{O}_3$ and its physical properties. <i>Technical Physics</i> , 2010, 55, 1596-1599.	0.7	10
31	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
32	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
33	Critical behaviour of the specific heat of $\text{La}_{0.9}\text{Ag}_{0.1}\text{MnO}_3$ manganite. <i>Physica B: Condensed Matter</i> , 2007, 390, 155-158.	2.7	9
34	Influence of the lanthanum deficit on electrical resistivity and heat capacity of silver-doped lanthanum manganites $\text{La}_{1-x}\text{Ag}_y\text{MnO}_3$. <i>Journal of Experimental and Theoretical Physics</i> , 2009, 109, 989-996.	0.9	9
35	Magnetocaloric effect in $\text{Pr}_{1-x}\text{Ag}_x\text{MnO}_3$ manganites. <i>JETP Letters</i> , 2010, 91, 341-343.	1.4	9
36	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

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37	Direct and inverse magnetocaloric effects in A-site ordered PrBaMn ₂ O ₆ manganite. Journal of Alloys and Compounds, 2011, 509, L165-L167.	5.5	8
38	Dynamics of the magnetocaloric effect in cyclic magnetic fields in Ni ₅₀ Mn ₃₅ Al ₂ Sn ₁₃ ribbon sample. Journal of Materials Science, 2021, 56, 15397.	3.7	8
39	Influence of Ag doping on the critical behavior of the heat capacity of manganites. Phase Transitions, 2010, 83, 10-15.	1.3	7
40	Phase transitions, thermal, electrical, and magnetocaloric properties of Ni ₅₀ Mn _{37-x} Al _x Sn ₁₃ (x=2, 4) ribbon samples. Journal of Alloys and Compounds, 2020, 842, 155783.	5.5	7
41	Determination of the magnetocaloric effect from thermophysical parameters and their relationships near magnetic phase transition in doped manganites. Journal of Magnetism and Magnetic Materials, 2020, 513, 167209.	2.3	7
42	Magnetic, magnetotransport and critical properties of polycrystalline Pr _{0.7} Sr _{0.3} MnO ₃ located at the tricritical point. Journal of Alloys and Compounds, 2021, 884, 161046.	5.5	7
43	Magnetocaloric effect in manganites in alternating magnetic fields. Journal of Magnetism and Magnetic Materials, 2022, 553, 169300.	2.3	7
44	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
45	Tunneling magnetoresistance and indirect measurement of the magnetocaloric effect in lanthanum deficient manganite La _{0.8} Ag _{0.1} MnO ₃ . Journal of Applied Physics, 2013, 114, 093902.	2.5	6
46	Anisotropic magnetocaloric properties of the ludwigite single crystal Cu ₂ MnBO ₅ . Applied Physics Letters, 2020, 116, .	3.3	6
47	Thermal and transport properties of manganites (, 0.45). Physica B: Condensed Matter, 2007, 395, 151-154.	2.7	5
48	Critical behavior of the heat capacity of Ag-doped manganites. Physics of the Solid State, 2010, 52, 335-338.	0.6	5
49	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
50	The dependence of percolation threshold on doping degree in La _{1-x} (K, Ag) _x MnO ₃ manganites. Journal of Alloys and Compounds, 2012, 513, 334-338.	5.5	5
51	Influence of the granule size on the magnetocaloric properties of manganite La _{0.5} Ca _{0.5} MnO ₃ . Physics of the Solid State, 2013, 55, 502-507.	0.6	5
52	Mechanisms of heat carriers scattering in La _{1-x} Sr _x MnO ₃ single crystals near the phase transition temperature. Journal of Alloys and Compounds, 2017, 705, 740-744.	5.5	5
53	Heat capacity and the magnetocaloric effect in Pr _{0.6} Sr _{0.4} Mn _{1-x} Fe _x O ₃ manganite. Physics of the Solid State, 2017, 59, 2092-2096.	0.6	5
54	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

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55	Influence of the isotopic substitution $^{16}\text{O} \rightarrow ^{18}\text{O}$ 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
56	Weak amplification of the magnetocaloric effect in manganites. <i>Phase Transitions</i> , 2014, 87, 305-311.	1.3	4
57	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 $(1 \text{ T} \leq H \leq 14 \text{ T})$. <i>Journal of Experimental and Theoretical Physics</i> , 2016, 122, 151-158.	0.9	2
58	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
59	Magnetocaloric effect in $\text{La}_{0.7}\text{Ag}_{0.25}\text{MnO}_3$ magnetic nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 549, 169002.	2.3	4
60	The quantitative analysis of the temperature dependence of the resistivity in $\text{La}_{0.85}\text{Ag}_{0.15}\text{MnO}_3$ manganite. <i>Phase Transitions</i> , 2010, 83, 343-348.	1.3	3
61	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
62	Magnetocaloric properties of $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ manganites with $^{16}\text{O} \rightarrow ^{18}\text{O}$ isotopic substitution. <i>Physics of the Solid State</i> , 2013, 55, 1170-1174.	0.6	3
63	Magnetic and magnetocaloric properties of $\text{LuFe}_2\text{Mn}_x\text{O}_4$ multiferroics. <i>Physics of the Solid State</i> , 2016, 58, 1143-1147.	0.6	3
64	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
65	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
66	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
67	Anomalous heat transfer near the martensite-austenite phase transition in $\text{Ni}_{50}\text{Mn}_{28}\text{Ga}_{22}(\text{Cu}, \text{Zn})$ ($x = 0, 1, 2, 3$). <i>Journal of Experimental and Theoretical Physics</i> , 2016, 122, 151-158.	3.9	3
68	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
69	Magnetocaloric properties of manganites $\text{La}_{1-x}(\text{Ag}, \text{K})_x\text{MnO}_3$. <i>Bulletin of the Lebedev Physics Institute</i> , 2009, 36, 367-368.	0.6	2
70	Resistivity and magnetocaloric effect in manganites $\text{La}_{0.75}\text{Ag}_{0.125}\text{Mn}_{0.85}\text{O}_3$ and $\text{La}_{0.7}\text{Ag}_{0.15}\text{Mn}_{0.8}\text{O}_3$. <i>Low Temperature Physics</i> , 2013, 39, 953-956.	0.6	2
71	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
72	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

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73	Thermal physical properties of the La _{0.825} Sr _{0.175} MnO ₃ single crystals. <i>Physics of the Solid State</i> , 2017, 59, 1879-1882.	0.6	2
74	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
75	Effect of the ionic radius of A-cations on the magnetic and magnetocaloric properties of charge-ordered manganite La _{0.5} Ca _{0.5-x} Sr _x MnO ₃ (0 < x < 0.5). <i>Physics of the Solid State</i> , 2015, 57, 2423-2426.	0.6	1
76	Comment on "Magnetic and magnetoresistance in half-doped manganite La _{0.5} Ca _{0.5} MnO ₃ and La _{0.5} Ca _{0.4} Ag _{0.1} MnO ₃ ". <i>Journal of Alloys and Compounds</i> , 2016, 664, 83-84.	5.5	1
77	Effect of Frequency of the Alternating Electric Field on Temperature Impedance Spectra of LuFe ₂ O ₄ Ceramic Multiferroic. <i>Physics of the Solid State</i> , 2018, 60, 1073-1077.	0.6	1
78	Thermal, Magnetic, and Magnetotransport Properties of a Rapidly Quenched Ni ₅₀ Mn ₃₅ Al ₂ Sn ₁₃ Tape Sample. <i>Physics of the Solid State</i> , 2020, 62, 1280-1284.	0.6	1
79	The low-temperature minimum of the resistivity of La _{0.85} Ag _{0.15} MnO ₃ manganite. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2009, 73, 1304-1306.	0.6	0
80	Critical Behavior of the Specific Heat of Pr _{0.6} Sr _{0.4} Mn _{1-x} Fe _x O ₃ Manganites. <i>Journal of Superconductivity and Novel Magnetism</i> , 2018, 31, 197-201.	1.8	0
81	Effect of Hydrostatic Pressure on the Resistivity of La _{0.8} Ag _{0.1} MnO ₃ Ceramic near TC. <i>JETP Letters</i> , 2022, 115, 190-195.	1.4	0
82	Thermal and Magnetocaloric Properties of La _{0.7} Sr _{0.3-x} BaxMnO ₃ Manganites. <i>Physics of the Solid State</i> , 0, , .	0.6	0
83	Direct and Inverse Magnetocaloric Effect in a Ni ₅₀ Mn ₃₅ Al ₂ Sn ₁₃ Heusler-Alloy Ribbon Sample. <i>Physics of Metals and Metallography</i> , 2022, 123, 392-396.	1.0	0