

RM'nassri

List of Publications by Year in descending order

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70
papers

1,974
citations

185998

28
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276539

41
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70
all docs

70
docs citations

70
times ranked

608
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of sintering temperature on the magnetic and magnetocaloric properties in Pr _{0.5} Eu _{0.1} Sr _{0.4} MnO ₃ manganites. Journal of Alloys and Compounds, 2015, 626, 20-28.	2.8	102
2	Effects of partial Mn-substitution on magnetic and magnetocaloric properties in Pr _{0.7} Ca _{0.3} Mn _{0.95} X _{0.05} O ₃ (Cr, Ni, Co and Fe) manganites. Journal of Alloys and Compounds, 2015, 619, 627-633.	2.8	102
3	3D-Ising ferromagnetic characteristics and magnetocaloric study in Pr _{0.4} Eu _{0.2} Sr _{0.4} MnO ₃ manganite. Journal of Alloys and Compounds, 2015, 640, 183-192.	2.8	89
4	Influence of transition metal doping (Fe, Co, Ni and Cr) on magnetic and magnetocaloric properties of Pr _{0.7} Ca _{0.3} MnO ₃ manganites. Ceramics International, 2015, 41, 10177-10184.	2.3	78
5	Effect of iron substitution on the structural, magnetic and magnetocaloric properties of Pr _{0.6} Ca _{0.1} Sr _{0.3} Mn _{1-x} Fe _x O ₃ (0 ≤ x ≤ 0.075) manganites. Journal of Alloys and Compounds, 2014, 608, 191-196.	2.8	71
6	Structural, magnetic and magnetocaloric properties of La _{0.8} Ca _{0.2} Na MnO ₃ manganites (0 ≤ x ≤ 0.2). Journal of Solid State Chemistry, 2015, 225, 83-88.	1.4	60
7	Effect of barium-deficiency on the structural, magnetic, and magnetocaloric properties of La _{0.6} Sr _{0.2} Ba _{0.2-x} MnO ₃ (0 ≤ x ≤ 0.15). Journal of Applied Physics, 2013, 113, .	1.1	59
8	The effect of Co doping on the magnetic and magnetocaloric properties of Pr _{0.7} Ca _{0.3} Mn _{1-x} Co _x O ₃ manganites. Ceramics International, 2015, 41, 7723-7728.	2.3	56
9	Magnetic and magnetocaloric properties of Pr _{0.6-x} Eu _x Sr _{0.4} MnO ₃ manganese oxides. Solid State Communications, 2011, 151, 1579-1582.	0.9	51
10	Magnetocaloric Effect in Different Impurity Doped La _{0.67} Ca _{0.33} MnO ₃ Composite. Journal of Superconductivity and Novel Magnetism, 2014, 27, 421-425.	0.8	51
11	Evolution of Magnetocaloric Behavior in Oxygen Deficient La _{2/3} Ba _{1/3} MnO _{3-x} Manganites. Journal of Superconductivity and Novel Magnetism, 2014, 27, 1463-1468.	0.8	51
12	Critical behavior and magnetocaloric study in La _{0.6} Sr _{0.4} CoO ₃ cobaltite prepared by a sol-gel process. RSC Advances, 2016, 6, 50968-50977.	1.7	49
13	Nearly constant magnetic entropy change involving the enhancement of refrigerant capacity in (La _{0.6}) _{1-x} ETQq ₁ 1.0, 784314, rgBT / O ₄₃	2.3	43
14	Effects of synthesis route on the structural, magnetic and magnetocaloric properties of Pr _{0.8} K _{0.2} MnO ₃ . Ceramics International, 2017, 43, 1853-1861.	2.3	42
15	Effect of chromium concentration on the structural, magnetic and electrical properties of praseodymium-calcium manganite. Journal of Alloys and Compounds, 2015, 650, 268-276.	2.8	41
16	Magnetocaloric properties in ordered double-perovskite Ba ₂ Fe _{1-x} Cr _x MoO ₆ (0 ≤ x ≤ 1). Journal of the Korean Physical Society, 2014, 64, 879-885.	0.3	38
17	Double Jonscher response and contribution of multiple mechanisms in electrical conductivity processes of Fe-PrCaMnO ceramic. Ceramics International, 2020, 46, 1601-1608.	2.3	38
18	Role of lanthanum vacancy on the structural, magnetic and magnetocaloric properties in the lacunar perovskite manganites La _{0.8-x} Na _{0.2} MnO ₃ (0 ≤ x ≤ 0.1). TJ ETQq ₁ 0.0 rgBT /	2.3	38

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19	Magnetocaloric effect near room temperature in $(\text{La}_{0.8}\text{Ca}_{0.05}\text{K}_{0.15}\text{MnO}_3)_{1-x}(\text{La}_{0.8}\text{Ca}_{0.05}\text{K}_{0.15}\text{MnO}_3)_x$ composites. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 975-979.		
20	Field dependence of magnetocaloric properties of 20% Cr-doped $\text{Pr}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ perovskite. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 129, 53-64.	2.0	36
21	Magnetocaloric Effects in $\text{Pr}_{0.6-x}\text{Er}_x\text{Sr}_{0.4}\text{MnO}_3$ ($0.0 \leq x \leq 0.2$) Manganese Oxides. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013, 26, 1429-1435.	0.8	33
22	Field Dependence of Magnetocaloric Properties in $\text{La}_{0.6}\text{Pr}_{0.4}\text{Fe}_{10.7}\text{Co}_{0.8}\text{Si}_{1.5}$. <i>Journal of Superconductivity and Novel Magnetism</i> , 2014, 27, 1787-1794.	0.8	33
23	Magnetic entropy table-like shape and enhancement of refrigerant capacity in $\text{La}_{1.4}\text{Ca}_{1.6}\text{Mn}_2\text{O}_7$ $\text{La}_{1.3}\text{Eu}_{0.1}\text{Ca}_{1.6}\text{Mn}_2\text{O}_7$ composite. <i>RSC Advances</i> , 2019, 9, 14916-14927.		
24	Enhancement of the magnetic and magnetocaloric properties by Na substitution for Ca of $\text{La}_{0.8}\text{Ca}_{0.2}\text{MnO}_3$ manganite prepared via the Pechini-type sol-gel process. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 1634-1645.	1.1	31
25	Structure, magnetic and field dependence of magnetocaloric properties of $\text{Pr}_{0.5}\text{RE}_{0.1}\text{Sr}_{0.4}\text{MnO}_3$ ($\text{RE} = \text{Eu}$ and Er). <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 514, 167158.	1.0	31
26	Magnetocaloric Effect in $\text{LaFe}_{10.7}\text{Co}_{0.8}\text{Si}_{1.5}$ Compound Near Room Temperature. <i>Journal of Superconductivity and Novel Magnetism</i> , 2014, 27, 1059-1064.	0.8	30
27	Study of physical properties of cobalt substituted $\text{Pr}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ ceramics. <i>Ceramics International</i> , 2016, 42, 6145-6153.	2.3	30
28	Investigation of magnetic and transport properties of $\text{PrCa}(\text{MnCo})\text{O}$ prepared by solid state process. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 423, 20-26.	1.0	29
29	Effect of trivalent rare earth doping on magnetic and magnetocaloric properties of $\text{Pr}_{0.5}(\text{Ce}, \text{Eu}, \text{Y})_{0.1}\text{Sr}_{0.4}\text{MnO}_3$ manganites. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	1.1	28
30	Composition dependence of physical properties in $\text{Pr}_{0.7}\text{Ca}_{0.3}\text{Mn}_{1-x}\text{Ni}_x\text{O}_3$. <i>Journal of Alloys and Compounds</i> , 2017, 693, 631-641.	2.8	28
31	Tuning magnetic and magnetocaloric properties around room temperature via chromium substitution in $\text{La}_{0.65}\text{Nd}_{0.05}\text{Ba}_{0.3}\text{MnO}_3$ system. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 481, 29-38.	1.0	28
32	Critical behavior and the universal curve for magnetocaloric effect in $\text{Pr}_{0.6}\text{Ca}_{0.1}\text{Sr}_{0.3}\text{Mn}_{1-x}\text{Fe}_x\text{O}_3$ ($x = 0.0, 0.05, 0.1, 0.15, 0.2$). <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 348, 20-26.	2.8	26
33	Critical behaviour and field dependence of magnetic entropy change in K-doped manganites $\text{Pr}_{0.8}\text{Na}_{0.2-x}\text{K}_x\text{MnO}_3$ ($x = 0.10$ and 0.15). <i>Journal of Solid State Chemistry</i> , 2018, 257, 9-18.	1.4	26
34	Enhancement of Refrigeration Capacity and Table-Like Magnetocaloric Effect in $\text{LaFe}_{10.7}\text{Co}_{0.8}\text{Si}_{1.5}/\text{La}_{0.6}\text{Pr}_{0.4}\text{Fe}_{10.7}\text{Co}_{0.8}\text{Si}_{1.5}$ Composite. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 207-213.	0.8	25
35	Effect of erbium concentration on the structural, optical and electrical properties of a $\text{Bi}_4\text{Ti}_3\text{O}_{12}$ system. <i>RSC Advances</i> , 2017, 7, 22578-22586.	1.7	25
36	Magnetocaloric study and estimation of the spontaneous magnetization by a magnetic entropy analysis in $\text{Pr}_{0.6}\text{Ca}_{0.1}\text{Sr}_{0.3}\text{Mn}_{0.975}\text{Fe}_{0.025}\text{O}_3$. <i>Journal of Alloys and Compounds</i> , 2016, 680, 381-387.	2.8	24

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37	Searching the conditions for a table-like shape of the magnetic entropy in the magnetocaloric LBMO _{2.98} /LBMO _{2.95} composite. <i>European Physical Journal Plus</i> , 2016, 131, 1.	1.2	24
38	Influence of Fe doping on physical properties of charge ordered praseodymium-calcium manganite material. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	24
39	Screening of the synthesis route on the structural, magnetic and magnetocaloric properties of La _{0.6} Ca _{0.2} Ba _{0.2} MnO ₃ manganite: A comparison between solid-solid state process and a combination polyol process and Spark Plasma Sintering. <i>Journal of Alloys and Compounds</i> , 2017, 712, 451-459.	2.8	22
40	Structural characterization, magnetic, magnetocaloric properties and critical behavior in lacunar La _{0.5} Eu _{0.2} Ba _{0.2} − <i>x</i> 0.1MnO ₃ nanoparticles. <i>Journal of Alloys and Compounds</i> , 2017, 727, 1203-1212.	2.8	21
41	Effect of A-site deficiency on investigation of structural, magnetic and magnetocaloric behaviors for (LaSr)-lacunar manganites. <i>Chemical Physics Letters</i> , 2018, 707, 61-70.	1.2	21
42	Magnetic properties and impedance spectroscopic analysis in Pr _{0.7} Ca _{0.3} Mn _{0.95} Fe _{0.05} O ₃ perovskite ceramic. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 21046-21058.	1.1	21
43	Physical properties of 20% Cr-doped Pr _{0.7} Ca _{0.3} MnO ₃ perovskite. <i>Ceramics International</i> , 2015, 41, 11221-11227.	2.3	18
44	Magnetocaloric effect and its implementation in critical behaviour study of La _{0.67} Ca _{0.33} Mn _{0.9} Fe _{0.1} O ₃ . <i>Bulletin of Materials Science</i> , 2016, 39, 551-557.	0.8	18
45	Effect of strontium substitution on the physical properties of Nd _{0.5} Ca _{0.5} − <i>x</i> Sr _{<i>x</i>} MnO ₃ (0.0 ≤ <i>x</i> ≤ 0.5) manganites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2012, 28, 012050.	0.3	17
46	Ytterbium doping effects on structural, optical and electrical properties of Bi ₄ Ti ₃ O ₁₂ system. <i>Ceramics International</i> , 2018, 44, 21893-21901.	2.3	17
47	Table-like magnetocaloric effect involving the enhancement of refrigerant capacity in (AMn _{0.9} Ti _{0.1} O ₃) _{1−<i>x</i>} /(AMn _{0.85} Ti _{0.15} O ₃) _{<i>x</i>} composite. <i>Phase Transitions</i> , 2017, 90, 687-694.		
48	Sodium Deficiency effects on the structural, magnetic and magnetocaloric properties of La _{0.8} Na _{0.2} − <i>x</i> MnO ₃ (0 ≤ <i>x</i> ≤ 0.15). <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 433, 239-247.	1.0	14
49	Possibility of controlling the conduction mechanism by choosing a specific doping element in a praseodymium manganite system. <i>RSC Advances</i> , 2020, 10, 33868-33878.	1.7	14
50	Impact of synthesis routes on normal and inverse magnetocaloric effects and critical behaviour in the charge-ordered Pr _{0.5} Sr _{0.5} MnO ₃ manganite. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	13
51	Structural characterization and magnetic field dependence of the magnetocaloric properties in Pr _{0.8} Na _{0.05} K _{0.15} MnO ₃ ceramic. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 439, 148-155.	1.0	12
52	Electrical conductivity analysis and magnetic properties of Pr _{0.7} Ca _{0.3} Mn _{0.95} Co _{0.05} O ₃ oxide. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 1901-1908.	1.1	12
53	Effect of small quantity of chromium on the electrical, magnetic and magnetocaloric properties of Pr _{0.7} Ca _{0.3} Mn _{0.98} Cr _{0.02} O ₃ manganite. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	1.1	11
54	Structural, optical and electrical studies on Mn substituted La _{0.6} Ca _{0.4} FeO ₃ . <i>Journal of Alloys and Compounds</i> , 2019, 791, 822-832.	2.8	11

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55	Magnetic and magnetocaloric properties of $\text{La}_{0.55}\text{Bi}_{0.05}\text{Sr}_{0.4}\text{CoO}_3$ and their implementation in critical behaviour study and spontaneous magnetization estimation. RSC Advances, 2019, 9, 25064-25074.	1.7	10
56	Structural, magnetic, electrical and dielectric properties of $\text{Pr}_{0.8}\text{Na}_{0.2}\text{MnO}_3$ manganite. RSC Advances, 2019, 9, 35599-35607.	1.7	10
57	Electrical Conduction and Percolation Model in $\text{Pr}_{0.6}\text{Ca}_{0.1}\text{Sr}_{0.3}\text{Mn}_{1-x}\text{Fe}_x\text{O}_3$ ($x = 0, 0.05, \text{ and } 0.075$) Manganites. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1905-1911.	0.8	9
58	Critical properties and field dependence of the magnetic entropy change in $\text{Pr}_{0.8}\text{K}_{0.2}\text{MnO}_3$ ceramic: A comparison between solid-solid state and sol-gel process. Journal of Magnetism and Magnetic Materials, 2018, 466, 7-16.	1.0	9
59	Analysis based on scaling relations of critical behaviour at PM \leftrightarrow FM phase transition and universal curve of magnetocaloric effect in selected Ag-doped manganites. RSC Advances, 2018, 8, 18294-18307.	1.7	7
60	Studies on the structure, critical behavior and magnetocaloric effect in $(\text{LaBi})\text{SrCoO}$ cobaltite. Journal of Materials Science: Materials in Electronics, 2017, 28, 15500-15511.	1.1	6
61	Enhanced Refrigerant Capacity and Magnetic Entropy Nearly Flattening in $(\text{La}_{2/3}\text{Ba}_{1/3}\text{MnO}_3)_{1-x} / (\text{La}_{2/3}\text{Ba}_{1/3}\text{MnO}_{2.98})_x$ Composite. Journal of Superconductivity and Novel Magnetism, 2016, 29, 1879-1885.	0.8	5
62	Transport properties and dielectric response of $\text{Pr}_{0.8}\text{Na}_{0.2-x}\text{K}_x\text{MnO}_3$ ($x = 0, 0.05, 0.1, 0.15$ and 0.2) ceramics synthesized by sol-gel method. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	1.1	5
63	Vanadium-doping effects on magnetic and magnetocaloric efficiency of $\text{La}_{0.7}\text{Sr}_{0.2}(\text{CaLi})_{0.05}\text{Mn}_{1-x}\text{V}_x\text{O}_3$ [$x = 0.00$ and $x = 0.05$] manganites. Journal of Materials Science: Materials in Electronics, 2018, 29, 14239-14247.		4
64	Structural, Magnetocaloric, and Critical Behavior of $\text{La}_{0.5}\text{Ca}_{0.5}\text{Mn}_{1-x}\text{V}_x\text{O}_3$ Manganites Prepared by High-Energy Ball Milling. Journal of Superconductivity and Novel Magnetism, 2020, 33, 995-1005.	0.8	4
65	Critical behaviour and renormalization of magnetic entropy change in $\text{La}_{0.65}\text{Nd}_{0.05}\text{Ba}_{0.3}\text{Mn}_{1-x}\text{Cr}_x\text{O}_3$ ($0 \leq x \leq 0.15$) ceramics. Journal of Materials Science: Materials in Electronics, 2021, 32, 6094-6109.	1.1	3
66	Thermomagnetic properties and critical behaviour studies in the ferromagnetic \leftrightarrow Paramagnetic phase transition in $\text{Pr}_{0.6}\text{Sr}_{0.35}\text{Ag}_{0.05}\text{MnO}_3$ and $\text{Pr}_{0.6}\text{Sr}_{0.3}\text{Ag}_{0.1}\text{MnO}_3$ ceramics. Chemical Physics, 2021, 547, 111205.	0.9	3
67	Effect of Sr substitution for Ca on the physical properties in the $\text{Nd}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ system. Journal of Physics: Conference Series, 2010, 200, 012019.	0.3	2
68	Structural, magnetic and magnetocaloric properties of $\text{Pr}_{0.6-x}\text{Er}_x\text{Sr}_{0.4}\text{MnO}_3$ ($x = 0.0, 0.1$ and 0.2). EPJ Web of Conferences, 2012, 29, 00051.	0.1	2
69	Electric field dependence of electrocaloric performances in $\text{KTa}_{0.57}\text{Nb}_{0.43}\text{O}_3$ single crystal. Journal of Materials Science: Materials in Electronics, 2022, 33, 10939-10954.	1.1	2
70	Magnetocaloric properties of $\text{Nd}_{0.5}\text{Ca}_{0.5-x}\text{Sr}_x\text{MnO}_3$ ($0.0 \leq x \leq 0.5$) manganites. IOP Conference Series: Materials Science and Engineering, 2012, 28, 012051.	0.3	0