Essebti Dhahri

List of Publications by Year
in descending order

362 papers	7,119 citations	66315 42 h-index	138417 58 g-index
367 all docs	367 docs citations	367 times ranked	2692 citing authors

#	Article	IF	Citations
1	Conduction mechanism, impedance spectroscopic investigation and dielectric behavior of La_{0.5}Ca_{0.5â^'x}Ag_xMnO₃ manganites with compositions below the concentration limit of silver solubility in perovskites (0 â‰¤ x â‰¤ 0.2). Dalton Transactions, 2015, 44, 10457-10466.	1.6	171
2	Magnetic and spectroscopic properties of Niâ€“Znâ€“Al ferrite spinel: from the nanoscale to microscale. RSC Advances, 2020, 10, 34556-34580.	1.7	149
3	Electrical conductivity and dielectric behaviour of nanocrystalline La_{0.6}Gd_{0.1}Sr_{0.3}Mn_{0.75}Si_{0.25}O₃. RSC Advances, 2018, 8, 9103-9111.	1.7	125
4	The infrared absorption and dielectric properties of Liâ€“Ga ferrite. Journal of Alloys and Compounds, 2009, 470, 294-300.	2.8	97
5	Structural, magnetic and magnetocaloric properties of the lanthanum deficient in La0.8Ca0.2â^'xâ–¡xMnO3 (x=0â€“0.20) manganites oxides. Journal of Alloys and Compounds, 2011, 509, 7410-7415.	2.8	92
6	Effect of Ni-doping on structural, magnetic and magnetocaloric properties of La 0.6 Pr 0.1 Ba 0.3 Mn 1â^' x Ni x O 3 nanocrystalline manganites synthesized by Pechini solâ€“gel method. Journal of Alloys and Compounds, 2014, 615, 553-560.	2.8	90
7	Effects of the Oxygen Nonstoichiometry on the Physical Properties of La0.7Sr0.3MnO3â^'Î´ Manganites (0â‰¤Î´â‰¤0.15). Journal of Solid State Chemistry, 2000, 151, 139-144.	1.4	87
8	Electrical conductivity and dielectric analysis of La0.75(Ca,Sr)0.25Mn0.85Ga0.15O3 perovskite compound. Journal of Alloys and Compounds, 2012, 536, 173-178.	2.8	84
9	Structural, electrical and ethanol sensing properties of double-doping LaFeO3 perovskite oxides. Ceramics International, 2014, 40, 14367-14373.	2.3	82
10	Structural characterization, magnetic, magnetocaloric properties and phenomenological model in manganite La0.75 Sr0.1Ca0.15 MnO3 compound. Journal of Alloys and Compounds, 2015, 638, 221-227.	2.8	82
11	Critical behavior in Sr-doped manganites La0.6Ca0.4â^'xSrxMnO3. Journal of Alloys and Compounds, 2013, 546, 84-91.	2.8	77
12	Structural, magnetic and magnetocaloric properties of Ag-doped La0.5Ca0.5â^'xAg MnO3 compounds with 0 â©½xâ©½ 0.4. Journal of Alloys and Compounds, 2013, 579, 564-571.	2.8	68
13	Large magnetocaloric effect in lanthanum-deficiency manganites La0.8â^'xâ–¡xCa0.2MnO3 (0.00â‰¤xâ‰¤0.20) with a first-order magnetic phase transition. Journal of Magnetism and Magnetic Materials, 2014, 364, 5-10.	1.0	65
14	Magnetic, magnetocaloric, magnetotransport and magnetoresistance properties of calcium deficient manganites La0.8Ca0.2â^'xâ–¡xMnO3 post-annealed at 800Â°C. Journal of Alloys and Compounds, 2014, 587, 771-777.	2.8	63
15	Magnetic transition and magnetic entropy changes of La0.8Pb0.1MnO3 and La0.8Pb0.1Na0.1MnO3. Materials Letters, 2010, 64, 2138-2141.	1.3	60
16	Electrical transport and giant magnetoresistance in La_{0.75}Sr_{0.25}Mn_{1â^'x}Cr_xO₃ (0.15, 0.20 and) Tj ET q 0 0 0 rg BT /Overl	1.0	60
17	Electrical conductivity and ac dielectric properties of La0.8Ca0.2-Pb FeO3 (x= 0.05, 0.10 and 0.15) perovskite compounds. Journal of Alloys and Compounds, 2015, 653, 506-512.	2.8	60
18	Effects of vacancy and Na doping on the structural, magnetic and transport properties of La0.8Pb0.1(â–¡/Na)0.1MnO3. Journal of Magnetism and Magnetic Materials, 2010, 322, 2516-2524.	1.0	59

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19	Effect of oxygen vacancies on SrTiO electrical properties. Journal of Alloys and Compounds, 2017, 723, 894-903.	2.8	59
20	Magnetocaloric effect at room temperature in powder of La0.5(CaSr)0.5MnO3. Journal of Alloys and Compounds, 2006, 414, 31-35.	2.8	58
21	Effect of calcium deficiency on the critical behavior near the paramagnetic to ferromagnetic phase transition temperature in La0.8Ca0.2MnO3 oxides. Journal of Magnetism and Magnetic Materials, 2012, 324, 2142-2146.	1.0	58
22	Critical behavior near the paramagnetic to ferromagnetic phase transition temperature in La0.7Pb0.05Na0.25MnO3. Solid State Communications, 2011, 151, 315-320.	0.9	57
23	Structural, magnetic and magnetocaloric properties of La0.7Ca0.2Sr0.1Mn1â^'Cr O3 compounds with x= 0, 0.05 and 0.1. Journal of Alloys and Compounds, 2015, 618, 488-496.	2.8	56
24	Investigation of the structural, optical, elastic and electrical properties of spinel LiZn₂Fe₃O₈ nanoparticles annealed at two distinct temperatures. RSC Advances, 2019, 9, 40940-40955.	1.7	56
25	Effect of the A Cation Size on the Structural, Magnetic, and Electrical Properties of Perovskites (La1â^'xNdx)0.7Sr0.3r003nMnO3. Journal of Solid State Chemistry, 2002, 163, 466-471.	1.4	54
26	Raman, EPR and ethanol sensing properties of oxygen-Vacancies SrTiO 3- Î´ compounds. Applied Surface Science, 2017, 426, 386-390.	3.1	54
27	The effect of the annealing temperature on the structural and magnetic properties of the manganites compounds. Journal of Alloys and Compounds, 2009, 475, 46-50.	2.8	53
28	The influence of disorder on the appearance of Griffiths phase and magnetoresistive properties in (La1â^'xNdx)2/3(Ca1â^'ySry)1/3MnO3 oxides. Ceramics International, 2014, 40, 1641-1649.	2.3	53
29	Electricâ€"dielectric properties and complex impedance analysis of La_{0.5}Ca_{0.5â^'x}Ag_xMnO₃ manganites. RSC Advances, 2015, 5, 2177-2184.	1.7	53
30	A giant magnetocaloric effect with a tunable temperature transition close to room temperature in Na-deficient La_{0.8}Na_{0.2â^'x}â–¡_xMnO₃ manganites. Dalton Transactions, 2015, 44, 12796-12803.	1.6	52
31	Effect of particle size reduction on the structural, magnetic properties and the spin excitations in ferromagnetic insulator La0.9Sr0.1MnO3 nanoparticles. Ceramics International, 2015, 41, 2955-2962.	2.3	52
32	Influence of A-site cation size-disorder on structural, magnetic and magnetocaloric properties of La0.7Ca0.3â^'xKxMnO3 compounds. Journal of Alloys and Compounds, 2007, 440, 36-42.	2.8	51
33	Effect of Sn-doping on the structural, magnetic and magnetocaloric properties of La0.67Ba0.33Mn1â^'xSnxO3 compounds. Journal of Magnetism and Magnetic Materials, 2008, 320, 2613-2617.	1.0	51
34	Structural and electrical characteristics of rare earth simple perovskite oxide La0.57Nd0.1Pb0.33Mn0.8Ti0.2O3. Solid State Communications, 2011, 151, 738-742.	0.9	50
35	A-site-deficiency-dependent structural, magnetic and magnetoresistance properties in the Pr0.6Sr0.4MnO3 manganites. Journal of Alloys and Compounds, 2015, 620, 249-255.	2.8	50
36	Investigation of annealing effects on the physical properties of Ni_{0.6}Zn_{0.4}Fe_{1.5}Al_{0.5}O₄ ferrite. RSC Advances, 2019, 9, 19949-19964.	1.7	50

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37	Influence of Ca-deficiency on the magneto-transport properties in La0.8Ca0.2MnO3 perovskite and estimation of magnetic entropy change. Journal of Applied Physics, 2012, 111, 103909-1039096.	1.1	48
38	Critical parameters near the ferromagneticâ€“paramagnetic phase transition in La0.5Ca0.5â^'xAgxMnO3 compounds (0.1â‰¤xâ‰¤0.2). Ceramics International, 2014, 40, 8945-8951.	2.3	48
39	Effect of annealing temperature on structural, morphology and dielectric properties of La0.75Ba0.25FeO3 perovskite. Superlattices and Microstructures, 2018, 117, 260-270.	1.4	48
40	Conductivity and giant permittivity study of Zn_{0.5}Ni_{0.5}Fe₂O₄ spinel ferrite as a function of frequency and temperature. RSC Advances, 2019, 9, 32395-32402.	1.7	48
41	Size confinement and magnetization improvement by La3+ doping in BiFeO3 quantum dots. Solid State Sciences, 2013, 20, 23-28.	1.5	47
42	Magnetic and magnetoresistance properties in rhombohedral perovskite-type compounds. Journal of Physics Condensed Matter, 1998, 10, 7485-7492.	0.7	45
43	Large magnetic entropy change at room temperature in La0.7Ca0.3â^'xKxMnO3. Journal of Alloys and Compounds, 2007, 442, 136-138.	2.8	44
44	Effect of Co substitution on magnetocaloric effect in La0.67Pb0.33Mn1â^'xCoxO3 (0.15â‰¤xâ‰¤0.3). Journal of Alloys and Compounds, 2010, 507, 405-409.	2.8	44
45	Impact of vacancy and Na substitutions on the critical magnetic behavior in polycrystalline La0.8Pb0.2MnO3. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 1528-1533.	0.9	42
46	Magnetocaloric study, critical behavior and spontaneous magnetization estimation in La_{0.6}Ca_{0.3}Sr_{0.1}MnO₃ perovskite. RSC Advances, 2018, 8, 9430-9439.	1.7	42
47	Monovalent effects on structural, magnetic and magnetoresistance properties in doped manganite oxides. Journal of Alloys and Compounds, 2004, 365, 25-30.	2.8	41
48	New complex magnetic materials for an application in Ericsson refrigerator. Solid State Communications, 2009, 149, 969-972.	0.9	40
49	Effect of Cr Doping in La0.7Sr0.3Mn1-xCrxO3 with 0 ? x ? 0.5. Physica Status Solidi A, 2001, 184, 319-325.	1.7	38
50	Structural, magnetic and electrical properties of La0.67Pb0.33Mn1â^'xCoxO3 (0â‰¤xâ‰¤0.3). Journal of Alloys and Compounds, 2010, 496, 69-74.	2.8	38
51	Dielectric properties and alternating current conductivity of solâ€“gel made La0.8Ca0.2FeO3 compound. Chemical Physics Letters, 2015, 637, 7-12.	1.2	38
52	The effect of the B-site size on the structural, magnetic and electrical properties of La0.7Ca0.3MnO3â^'Î´ compounds. Journal of Magnetism and Magnetic Materials, 2007, 311, 512-516.	1.0	37
53	Theoretical investigation of the magnetocaloric effect of La0.7(Ba, sr)0.3MnO3 compound at room temperature with a second-order magnetic phase transition. Ceramics International, 2015, 41, 10654-10658.	2.3	37
54	Magnetic, Raman and MÃ¶ssbauer properties of double-doping LaFeO3 perovskite oxides. Materials Chemistry and Physics, 2015, 149-150, 467-472.	2.0	37

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55	Electrical conductivity and dielectric properties of Sr doped M-type barium hexaferrite BaFe₁₂O₁₉. RSC Advances, 2021, 11, 1531-1542.	1.7	37
56	Structural characterization, magnetic properties and magnetocaloric effects of La0.75Sr0.25Mn1â€“x Cr x O3 (xÂ=Â0.15, 0.20, and 0.25). Applied Physics A: Materials Science and Processing, 2014, 116, 2077-2085.	1.1	36
57	Effect of sintering temperature and grain size on the electrical transport properties of La0.67Sr0.33MnO3 manganite. Chemical Physics Letters, 2015, 640, 77-81.	1.2	36
58	Structural, magnetic, magnetocaloric and electrical studies of Dy0.5(Sr1â^'xCax)0.5MnO3 manganites. Journal of Magnetism and Magnetic Materials, 2017, 444, 270-279.	1.0	35
59	Magnetocaloric properties of La0.67Sr0.33MnO3 tunable by particle size and dimensionality. Chemical Physics Letters, 2018, 691, 355-359.	1.2	35
60	Structural and magnetotransport properties of (La, Pr)-Ba manganites. Journal of Alloys and Compounds, 2019, 783, 718-728.	2.8	35
61	Structural, elastic, optical and dielectric properties of Li0.5Fe2.5 O4 nanopowders with different particle sizes. Advanced Powder Technology, 2020, 31, 4714-4730.	2.0	35
62	Structural, optical and dielectric properties of Cu_{1.5}Mn_{1.5}O₄ spinel nanoparticles. RSC Advances, 2020, 10, 42542-42556.	1.7	35
63	Critical behavior in Ga-doped manganites La0.75(Sr,Ca)0.25Mn1â^'xGaxO3 (0â‰¤xâ‰¤0.1). Journal of Magnetism and Magnetic Materials, 2012, 324, 3122-3128.	1.0	34
64	Effects of non magnetic aluminum Al doping on the structural, magnetic and transport properties in La0.57Nd0.1Sr0.33MnO3 manganite oxide. Journal of Alloys and Compounds, 2011, 509, 8047-8055.	2.8	33
65	Magnetic and magnetoresistance in half-doped manganite La0.5Ca0.5MnO3 and La0.5Ca0.4Ag0.1MnO3. Journal of Alloys and Compounds, 2015, 644, 632-637.	2.8	33
66	Structural and electrical properties of Zn1-xNixFe2O4 ferrite. Physica B: Condensed Matter, 2015, 466-467, 31-37.	1.3	33
67	Effects of oxygen deficiency on the transport and dielectric properties of NdSrNbO. Journal of Physics and Chemistry of Solids, 2018, 117, 1-12.	1.9	33
68	Influence of neodymium substitution on structural, magnetic and spectroscopic properties of Niâ€“Znâ€“Al nano-ferrites. RSC Advances, 2021, 11, 13256-13268.	1.7	33
69	Theoretical investigation of the magnetocaloric effect on La0.7(Ba, Sr)0.3Mn0.9Ga0.1O3 compound at room temperature. Journal of Magnetism and Magnetic Materials, 2015, 386, 81-84.	1.0	32
70	Effect of exceeding the concentration limit of solubility of silver in perovskites on the dielectric and electric properties of half doped lanthanumâ€“calcium manganite. Physica B: Condensed Matter, 2015, 473, 1-6.	1.3	31
71	Influence of Pr-doped manganite on critical behavior of La0.7â^'xPrxBa0.3MnO3 (x=0.00, 0.1, 0.2). Journal of Magnetism and Magnetic Materials, 2014, 349, 149-155.	1.0	30
72	Impact of CuO phase on magnetocaloric and magnetotransport properties of La0.6Ca0.4MnO3 ceramic composites. Journal of Alloys and Compounds, 2016, 678, 427-433.	2.8	30

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73	Effect of potassium doping on physical properties of perovskites La0.8Cd0.2â˜'xKxMnO3. Journal of Alloys and Compounds, 2010, 489, 9-12.	2.8	29
74	Effect of Ti-substitution on magnetic and magnetocaloric properties of La 0.57 Nd 0.1 Pb 0.33 MnO 3. Journal of Alloys and Compounds, 2012, 530, 1-5.	2.8	29
75	Size reduction effect on the critical behavior near the paramagnetic to ferromagnetic phase transition temperature in La0.9Sr0.1MnO3 nanoparticles. Solid State Communications, 2015, 208, 45-52.	0.9	29
76	Experimental and modeling study of ZnO:Ni nanoparticles for near-infrared light emitting diodes. RSC Advances, 2022, 12, 13074-13086.	1.7	29
77	Magnetocaloric properties and Landau theory of Dy 0.5 (Sr 1â˜'x Ca x) 0.5 MnO 3 (0 â‰¤ x â‰¤ 0.3) manganites at cryogenic temperatures. Chemical Physics Letters, 2017, 680, 94-100.	1.2	28
78	Resistivity, Iâ€“V characteristics and Hall effect in Dy0.5(Sr1-xCax)0.5MnO3 manganites. Materials Research Bulletin, 2017, 95, 525-531.	2.7	28
79	Structural, dielectric, electrical and modulus spectroscopic characteristics of CoFeCuO4 spinel ferrite nanoparticles. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 272, 115331.	1.7	28
80	Effect of Al substitution on magnetocaloric effect in La0.57Nd0.1Sr0.33Mn1â˜'xAlxO3 (0.0â‰¤xâ‰¤0.30) polycrystalline near room temperature. Journal of Alloys and Compounds, 2012, 518, 32-37.	2.8	27
81	Electrical transport and magnetoresistance properties of (1â˜'x)La0.6Sr0.4MnO3/x(Sb2O3) composites. Journal of Alloys and Compounds, 2013, 576, 404-408.	2.8	27
82	Electrical transport and giant magnetoresistance in La0.8â˜'xâ–¡xCa0.2MnO3 (x=0, 0.1 and 0.2) oxides. Journal of Magnetism and Magnetic Materials, 2014, 363, 217-223.	1.0	27
83	Giant magnetoresistance at room temperature achieved in the ferromagnetic phase of powder La_{0.5}Sr_{0.5}MnO₃. Phase Transitions, 1998, 66, 99-107.	0.6	26
84	Appearance of Griffiths phase in oxygen deficient La0.4Ca0.6MnO3â˜'Î´ oxides. Materials Letters, 2012, 84, 48-51.	1.3	26
85	Effect of Ga substitution on magnetocaloric effect in La0.7(Ba, Sr)0.3Mn1â˜'xGaxO3 (0.0â‰¤x â‰¤0.20) polycrystalline at room temperature. Journal of Magnetism and Magnetic Materials, 2016, 399, 143-148.	1.0	26
86	Effect of synthesis route on structural, magnetic and magnetocaloric aspects and critical behavior of La0.6Ca0.3Ag0.1MnO3. Journal of Alloys and Compounds, 2018, 753, 282-291.	2.8	26
87	Impact of particle size on the structural and smagnetic properties of superparamagnetic Li-ferrite nanoparticles. Journal of Magnetism and Magnetic Materials, 2021, 528, 167806.	1.0	26
88	Electrical conductivity and dielectric analysis of the perovskite La0.7Ca0.3â˜'xKxMnO3 (, 0.05 and 0.10). Solid State Communications, 2008, 148, 577-581.	0.9	25
89	Structural, magnetic and magnetocaloric properties of AMn1â˜'xGaxO3 compounds with 0â‰¤xâ‰¤0.2. Physica B: Condensed Matter, 2012, 407, 2566-2572.	1.3	25
90	Effect of Bi substitution on nanostructural, morphologic, and electrical behavior of nanocrystalline La1-xBixNi0.5Ti0.5O3 (xÂ=Â0 and xÂ=Â0.2) for the electrical devices. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 270, 115191.	1.7	25

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91	Magneto-structural studies of the bis (1,4-bis (3-aminopropylamine) piperazinium) chloride pentachlorocuprate (II) trihydrate. Solid State Communications, 2010, 150, 2005-2010.	0.9	24
92	Investigation of structural, magnetocaloric and electrical properties of La0.6Ca0.4â^'xSrxMnO3 compounds. Physica B: Condensed Matter, 2013, 408, 104-109.	1.3	24
93	Structure, magnetic and electrical transport properties of the perovskites La0.67â^'xEuxSr0.33MnO3. Journal of Magnetism and Magnetic Materials, 2013, 326, 129-137.	1.0	24
94	Effect of particle size reduction on the magnetic phase transition and the magnetocaloric properties in ferromagnetic insulator La0.9Sr0.1MnO3 nanoparticles. Chemical Physics Letters, 2015, 625, 168-173.	1.2	24
95	Size-induced Griffiths phase-like in ferromagnetic metallic La0.67Sr0.33MnO3 nanoparticles. Journal of Magnetism and Magnetic Materials, 2016, 403, 181-187.	1.0	24
96	The effect of bismuth on the structure, magnetic and electric properties of Co2MnO4 spinel multiferroic. Journal of Magnetism and Magnetic Materials, 2018, 451, 344-350.	1.0	24
97	Large magnetocaloric effect in manganese perovskite La_{0.67â^'x}Bi_xBa_{0.33}MnO₃ near room temperature. RSC Advances, 2019, 9, 5530-5539.	1.7	24
98	Unconventional critical magnetic behavior in the Griffiths ferromagnet La0.4Ca0.6MnO2.8â–¡0.2 oxide. Journal of Solid State Chemistry, 2013, 201, 63-67.	1.4	23
99	Effect of the oxygen deficiencies creation on the suppression of the diamagnetic behavior of SrTiO3 compound. Journal of Alloys and Compounds, 2016, 680, 560-564.	2.8	23
100	Prediction of magnetocaloric effect in La0.6Ca0.4â^'xSrxMnO3 compounds for x=0, 0.05 and 0.4 with phenomenological model. Ceramics International, 2016, 42, 697-704.	2.3	23
101	Structural and NH3 gas-sensing properties of La0.8Ca0.1Pb0.1Fe1-Co O3 (0.00 â‰¤ x â‰¤ 0.20) perovskite compounds. Journal of Alloys and Compounds, 2018, 731, 655-661.	2.8	23
102	Oxygen-vacancy-related giant permittivity and ethanol sensing response in SrTiO3- ceramics. Physica E: Low-Dimensional Systems and Nanostructures, 2019, 108, 317-325.	1.3	23
103	Structural, morphological, Raman and ac electrical properties of the multiferroic sol-gel made Bi0.8Er0.1Ba0.1Fe0.96Cr0.02Co0.02O3 material. Journal of Alloys and Compounds, 2019, 775, 304-315.	2.8	23
104	Magnetocaloric effect on strontium vacancies in polycrystalline La0.7Sr0.3â^'xâ–¡xMnO3. Journal of Magnetism and Magnetic Materials, 2007, 316, e566-e568.	1.0	22
105	Structural and magnetic properties and evidence of spin-glass behavior induced by Fe-doping in perovskite manganites B-site. Materials Characterization, 2011, 62, 243-247.	1.9	22
106	Influence of Pr-doping on magnetic phase transition and magnetocaloric effect of La0.7â^'xPrxBa0.3MnO3 manganite. Materials Chemistry and Physics, 2015, 149-150, 728-733.	2.0	22
107	Modulation of magnetism and study of impedance and alternating current conductivity of Zn0.4Ni0.6Fe2O4 spinel ferrite. Journal of Molecular Structure, 2019, 1184, 298-304.	1.8	22
108	Study of the structural, electric and dielectric proprieties of Bi1-xNdxMn2O5 (x=0, x=0.1 and x=0.2). Journal of Molecular Structure, 2019, 1179, 1-10.	1.8	22

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109	Magnetocaloric effect in composite structures based on ferromagneticâ€“ferroelectric Pr0.6Sr0.4MnO3/BaTiO3 perovskites. Journal of Alloys and Compounds, 2011, 509, 9460-9465.	2.8	21
110	Magnetocaloric effect in the vicinity of second order antiferromagnetic transition of Er2Mn2O7 compound at different applied magnetic field. Journal of Alloys and Compounds, 2013, 563, 28-32.	2.8	21
111	Green photoluminescence in GdAlO3â^Î´ powders. Materials Letters, 2014, 128, 235-237.	1.3	21
112	Effect of Cr substitution on magnetic and magnetic entropy change of La0.65Eu0.05Sr0.3Mn1â^'xCrxO3 (0.05â‰¤xâ‰¤0.15) rhombohedral nanocrystalline near room temperature. Journal of Magnetism and Magnetic Materials, 2015, 375, 136-142.	1.0	21
113	Structure, Raman, dielectric behavior and electrical conduction mechanism of strontium titanate. Physica E: Low-Dimensional Systems and Nanostructures, 2018, 99, 75-81.	1.3	21
114	Structural, magnetic, and magnetocaloric properties of Ag-doped in the La 0.6 Ca 0.4 MnO 3 compound. Journal of Magnetism and Magnetic Materials, 2018, 454, 190-195.	1.0	21
115	Structural, magnetic and AC susceptibility properties of Dy0.5(Sr1-xCax)0.5MnO3 (0 â‰¤ x â‰¤ 0.3) manganites. Journal of Molecular Structure, 2019, 1175, 844-851.	1.8	21
116	Strontium-substituted La0.75Ba0.25â^'xSrxFeO3 (xâ€‰=â€‰0.05, 0.10 and 0.15) perovskite: dielectric and electrical studies. Journal of Materials Science: Materials in Electronics, 2019, 30, 8457-8470.	1.1	21
117	Structural, magnetic and vibrational characterization of the new organic-inorganic hybrid material, (C9H14N)2CoCl4. Journal of Molecular Structure, 2019, 1189, 175-180.	1.8	21
118	Structural, electric and dielectric properties of Ni0.5Zn0.5FeCoO4 ferrite prepared by sol-gel. Journal of Magnetism and Magnetic Materials, 2020, 499, 166243.	1.0	21
119	Charge ordering analysis by electrical and dielectric measurements in Ca2â^'xPrxMnO4 (x=0â€“0.2) compounds. Journal of Alloys and Compounds, 2011, 509, 6447-6451.	2.8	20
120	Critical behavior in Co-doped manganites La0.67Pb0.33Mn1â^'xCoxO3 (0â‰¤xâ‰¤0.08). Journal of Magnetism and Magnetic Materials, 2012, 324, 806-811.	1.0	20
121	Structure, volumetric adsorption method and electrochemical hydrogen storage properties of vanadium oxide nanotubes VOx-NTs. Journal of Alloys and Compounds, 2015, 648, 244-252.	2.8	20
122	Transport properties of silverâ€“calcium doped lanthanum manganite. Physica B: Condensed Matter, 2015, 457, 240-244.	1.3	20
123	Critical behavior near the ferromagnetic to paramagnetic phase transition temperature in polycrystalline La0.7Ca0.2Sr0.1Mn1â^'Cr O3 (x= 0.15 and 0.2). Journal of Alloys and Compounds, 2015, 618, 788-794.	2.8	20
124	Evaluation of the relationship between the magnetism and the optical properties in SrTiO3-Î´ defective systems: Experimental and theoretical studies. Journal of Magnetism and Magnetic Materials, 2019, 478, 175-186.	1.0	20
125	Enhancement of the Magnetotransport Behavior in a Phase-Separated LaAgCaMnO₃ Polycrystalline: Unraveling the Role of a Multi-Double-Exchange Mechanism. Journal of Physical Chemistry C, 2020, 124, 23324-23332.	1.5	20
126	Synthesis, Magnetic Properties, Magnetic Entropy and Arrot Plot of Antiferromagnetic Frustrated Er2Ti2O7 Compound. Journal of Superconductivity and Novel Magnetism, 2012, 25, 1035-1042.	0.8	19

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127	Lanthanum Deficiency Effect on the Structural, Magnetic, and Transport Properties of the La0.8â˜'x â–¡ x Ca0.2MnO3 Manganites Oxides. Journal of Superconductivity and Novel Magnetism, 2014, 27, 247-256.	0.8	19
128	Structural, magnetic and electrical properties of self-doped La0.8Na0.2â˜'xâ–¡xMnO3 manganites. Physica B: Condensed Matter, 2014, 449, 36-41.	1.3	19
129	Collapse of charge ordering and enhancement of magnetocaloric effect in La0.5Ca0.5â˜'Ag MnO3 (x= 0.0) Tj ETQq1 1 0.784314 rgBT /O	1.2	19
130	Critical Behavior Near the Paramagnetic to Ferromagnetic Phase Transition Temperature in Sr1.5Nd0.5MnO4 Compound. Journal of Superconductivity and Novel Magnetism, 2016, 29, 869-877.	0.8	19
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