CITATION REPORT List of articles citing

Thousandfold change in resistivity in magnetoresistive la-ca-mn-o films

DOI: 10.1126/science.264.5157.413 Science, 1994, 264, 413-5.

Source: https://exaly.com/paper-pdf/25276211/citation-report.pdf

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2290	Giant Magnetotransport Phenomena in Filling-Controlled Kondo Lattice System: La1-xSrxMnO3. 1994 , 63, 3931-3935		710
2289	Colossal magnetoresistance in La-Ca-Mn-O ferromagnetic thin films (invited). <i>Journal of Applied Physics</i> , 1994 , 76, 6929-6933	2.5	330
2288	Very large magnetoresistance in perovskite-like La-Ca-Mn-O thin films. 1994 , 64, 3045-3047		402
2287	Ferromagnetic La0.6Pb0.4MnO3 thin films with giant magnetoresistance at 300 K. <i>Journal of Applied Physics</i> , 1994 , 76, 3923-3925	2.5	101
2286	Giant magnetoresistance in La1⊠SrxMnOz films near room temperature. 1994 , 65, 2108-2110		443
2285	Interview: 1994 Dahr der Weichenstellung in der europischen Forschungspolitik/Groforschungseinrichtungen durch IhdustrierelevanzD legitimieren?/Wissenschaftliche Prioritien in der Max-Planck-Gesellschaft/Bonn soll Zentrum Internationaler Spitzenforschung werden/Vier neue Sonderforschungsbereiche ft.die		
2284	Physik/Frauen in den Naturwissenschaften/Innovationskollegs IDFG hat Auswahl getroffen/Zwei Calculated Electronic Structure and Transport Properties of La.67Ca.33MnO3. 1995 , 384, 439 neue Max-Planck-Institute/Bonne continuation://Portschritte am Institut Laue-Langevin/Neues		1
2283	Mondprogramm?/🛘 1994 , 50, 626-725 Epitaxial Growth and Physical Properties of La1-xCaxMnO3-Thin Films on MgO(001) Substrates. 1995 , 401, 461		1
2282	Colossal Magnetoresistance in Thick La0.7Ca0.3MnO3 Films. 1995 , 384, 427		4
2281	Giant Magnetoresistance Phenomenon in Laser Ablated La0.6Y0.07Ca0.33MnOX Thin Films. 1995 , 397, 241		2
2280	Molecular Beam Epitaxy of Single Crystal Colossal Magneto-Resistive Material. 1995 , 401, 467		
2279	Magnetic and Structural Properties of MBE-grown Oxidic Multilayers. 1995, 401, 485		16
2278	The Effect of Oxygen Deposition Pressure on the Structure and Properties of Pulsed Laser Deposited LaxCa1MnOFilms. 1995 , 401, 525		1
2277	Microstructural Study of CMR Films as a Function of Growth Temperature, As-Deposited and Annealed. 1995 , 401, 531		8
2276	Filling Dependence of Magnetoresistance in Perovskite-type Manganese Oxide Films. 1995 , 401, 537		
2275	Intrinsic Properties of Doped Lanthanum Manganite. 1995 , 401, 541		1
2274	Domain Structure and Colossal Magnetoresistance of La1NSrxCoO3 and La1NCaxMnO3. 1995 , 401, 91		

2273	Giant Magnetoresistivity in Electrochemically Produced Cobalt-Copper Multilayers. 1995, 403, 161		2
2272	Size of the interpolated cation and hole carrier density: two key parameters for the optimisation of colossal magnetoresistive properties of Pr-based manganites. 1995 , 99, 305-310		59
2271	Comment on Electrical Transport in Oxide Based Double Exchange Ferromagnets. <i>Physica Status Solidi (B): Basic Research</i> , 1995 , 187, K61-K66	1.3	13
2270	A structural phase transition induced by an external magnetic field. 1995 , 373, 407-409		597
2269	Giant magnetotransport and magnetostructural phenomena in hole-doped manganese oxides. 1995 , 31, 187-191		11
2268	Pr-doping of the high-magnetoresistance perovskite. 1995 , 94, 917-920		27
2267	Up to 50 000 per cent resistance variation in magnetoresistive polycrystalline perovskites (Ln=Nd; Sm). 1995 , 95, 357-359		101
2266	Giant magnetoresistance ratios superior to 1011 in manganese perovskites. 1995 , 96, 623-625		93
2265	Extraordinary large magnetoresistance in doped LaMnO3 oxide thin films. 1995 , 96, 931-933		3
2264	Colossal magnetoresistance in pulsed laser-deposited thin ceramic films. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 147, L225-L230	2.8	5
2263	Our current understanding of giant magnetoresistance in transition-metal multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 151, 315-323	2.8	23
2262	Transport properties of manganates with giant magnetoresistance. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 151, 411-416	2.8	46
2261	Lattice effects on the magnetoresistance in doped LaMnO3. 1995 , 75, 914-917		1793
2260	Low temperature magnetoresistance and the magnetic phase diagram of La1-xCaxMnO3. 1995 , 75, 333	86-333	9 1937
2259	Anomalous variation of optical spectra with spin polarization in double-exchange ferromagnet: La1-xSrxMnO3. 1995 , 75, 109-112		420
2258	Size of the interpolated cation and hole carrier density: two key parameters for the optimisation of colossal magnetoresistive properties of Pr-based manganites. 1995 , 99, 305-310		3
2257	Giant magnetoresistance in bulk samples of LaMnO3 with varying Mn4+ content. 1995 , 44, L393-L396		5
2256	Epitaxial growth and magnetoresistance of La1\(\mathbb{L}\)CaxMnO3\(\mathbb{L}\)hin films on MgO(001) substrates. Journal of Applied Physics, 1995 , 78, 6151-6156	2.5	29

2255	Magnetotransport properties of La0.6Pb0.4MnO3- delta and Nd0.6(Sr0.7Pb0.3)0.4MnO3- delta single crystals. <i>Physical Review B</i> , 1995 , 52, 9147-9150	3.3	66
2254	Influence of charge and magnetic ordering on the insulator-metal transition in Pr1-xCaxMnO3. <i>Physical Review B</i> , 1995 , 52, 14303-14307	3.3	110
2253	Giant Magnetoresistance Behavior in Epitaxial Nd0.7Sr0.3MnO3and La0.67Ba0.33MnO3aThin Films. 1995 , 384, 433		
2252	In situ single-liquid-source metal-organic chemical vapor deposition of (La0.8Ca0.2)MnO3 giant magnetoresistive films. 1995 , 10, 2166-2169		29
2251	. 1995 , 5, 1643-1645		1
2250	Transport properties and magnetic behaviour of La1-xSrxMnO3single crystals. 1995 , 7, 7015-7021		50
2249	Anomalous Magnetotransport Properties of Pr1-xCaxMnO3. 1995 , 64, 3626-3630		208
2248	Riesenmagnetowiderstand in magnetischen Schichtstrukturen: Werner Zinn in dankbarer Erinnerung gewidmet. 1995 , 51, 1077-1081		4
2247	Magnetoresistance in Metallic Crystals of La1-xSrxCoO3. 1995 , 64, 1885-1888		128
2246	Pressure effects on the magnetoresistance in doped manganese perovskites. <i>Physical Review B</i> , 1995 , 52, 15046-15049	3.3	286
2246 2245			286
2245	1995 , 52, 15046-15049		
2245	1995, 52, 15046-15049 Magnetoelectronic and Magnetostructural Coupling in the La 1 - x Ca x MnO 3 System. 1995, 32, 759-76		32
2245 2244	1995, 52, 15046-15049 Magnetoelectronic and Magnetostructural Coupling in the La 1 - x Ca x MnO 3 System. 1995, 32, 759-76 Magnetoelectronics Today and Tomorrow. 1995, 48, 26-32	64	32
2245 2244 2243	Magnetoelectronic and Magnetostructural Coupling in the La 1 - x Ca x MnO 3 System. 1995, 32, 759-76 Magnetoelectronics Today and Tomorrow. 1995, 48, 26-32 A combinatorial approach to materials discovery. <i>Science</i> , 1995, 268, 1738-40 A Class of Cobalt Oxide Magnetoresistance Materials Discovered with Combinatorial Synthesis. <i>Science</i> , 1995, 270, 273-275	33-3	32 212 823
2245 2244 2243 2242	Magnetoelectronic and Magnetostructural Coupling in the La 1 - x Ca x MnO 3 System. 1995, 32, 759-76 Magnetoelectronics Today and Tomorrow. 1995, 48, 26-32 A combinatorial approach to materials discovery. <i>Science</i> , 1995, 268, 1738-40 A Class of Cobalt Oxide Magnetoresistance Materials Discovered with Combinatorial Synthesis. <i>Science</i> , 1995, 270, 273-275	33-3	32 212 823 484
2245 2244 2243 2242 2241	Magnetoelectronic and Magnetostructural Coupling in the La 1 - x Ca x MnO 3 System. 1995, 32, 759-76 Magnetoelectronics Today and Tomorrow. 1995, 48, 26-32 A combinatorial approach to materials discovery. <i>Science</i> , 1995, 268, 1738-40 A Class of Cobalt Oxide Magnetoresistance Materials Discovered with Combinatorial Synthesis. <i>Science</i> , 1995, 270, 273-275 Collapse of a charge-ordered state under a magnetic field in Pr1/2Sr1/2MnO3. 1995, 74, 5108-5111 Pressure effect on the double-exchange ferromagnet La1-xSrxMnO3 (0.15 . <i>Physical Review B</i> , 1995	33.3	32 212 823 484 670

2237	Insulator-metal transition and giant magnetoresistance in La1-xSrxMnO3. <i>Physical Review B</i> , 1995 , 51, 14103-14109	3.3	2478
2236	Electron localization in mixed-valence manganites. 1995 , 75, 3910-3913		478
2235	Dependence of giant magnetoresistance on oxygen stoichiometry and magnetization in polycrystalline La0.67Ba0.33MnOz. <i>Physical Review B</i> , 1995 , 51, 6143-6146	3.3	511
2234	Giant magnetoresistance properties of polycrystalline praseodymium-based manganese perovskites: from Pr0.75Sr0.25MnO3IŁo La0.75Sr0.25MnO3. 1995 , 5, 1089-1091		53
2233	Chapter 3. Electrochemistry (1992 1 995). 1995 , 92, 23-73		3
2232	Large magnetoresistance in La-Ca-Mn-O films. 1995 , 31, 3912-3914		5
2231	Spin-state transition and high-spin polarons in LaCoO3. <i>Physical Review B</i> , 1996 , 53, R2926-R2929	3.3	274
2230	Magnetic-Field-Induced Metal-Insulator Transition inPr0.7Ca0.3MnO3. 1996 , 65, 1043-1052		86
2229	Hall effect and giant magnetoresistance in lanthanum manganite thin films. <i>Journal of Applied Physics</i> , 1996 , 79, 5179	2.5	23
2228	Ferromagnetic Ordering and Unusual Magnetic Ion Dynamics in La0.67Ca0.33MnO3. 1996 , 77, 1869-18	72	156
2227	Evidence for collective spin dynamics above the ordering temperature in La1-xCaxMnO3+ delta. <i>Physical Review B</i> , 1996 , 53, 6521-6525	3.3	212
2226	Double degeneracy and Jahn-Teller effects in colossal-magnetoresistance perovskites. <i>Physical</i>		
	Review B, 1996 , 53, R8840-R8843	3.3	82
2225	Review B, 1996, 53, R8840-R8843 Low-temperature magnetoresistance and magnetic ordering in. 1996, 8, 2967-2979	3.3	37
2225		3.3	
	Low-temperature magnetoresistance and magnetic ordering in. 1996 , 8, 2967-2979 Large magnetotunneling effect at low magnetic fields in micrometer-scale epitaxial		37
2224	Low-temperature magnetoresistance and magnetic ordering in. 1996 , 8, 2967-2979 Large magnetotunneling effect at low magnetic fields in micrometer-scale epitaxial La0.67Sr0.33MnO3 tunnel junctions. <i>Physical Review B</i> , 1996 , 54, R8357-R8360		37 365
2224	Low-temperature magnetoresistance and magnetic ordering in. 1996 , 8, 2967-2979 Large magnetotunneling effect at low magnetic fields in micrometer-scale epitaxial La0.67Sr0.33MnO3 tunnel junctions. <i>Physical Review B</i> , 1996 , 54, R8357-R8360 Lessons from the Immune System: From Catalysis to Materials Science. 1996 , 29, 164-170		37 365 35

2219	Viewpoint update: Nanocrystalline and nanophase materials. 1996 , 7, 265-268		1
2218	Colossal magnetoresistance of ferromagnetic manganites: Structural tuning and mechanisms. 1996 , 76, 1122-1125		467
2217	Fermi-liquid-to-polaron crossover. II. Double exchange and the physics of colossal magnetoresistance. <i>Physical Review B</i> , 1996 , 54, 5405-5417	3.3	337
2216	Thermodynamic and electron diffraction signatures of charge and spin ordering in La1- xCaxMnO3. 1996 , 76, 3188-3191		410
2215	Electronic and magnetic states in the giant magnetoresistive compounds. <i>Physical Review B</i> , 1996 , 54, 7328-7333	3.3	240
2214	Magnetic-field-induced multiple electronic states in La0.5Ca0.5MnO3+ delta. <i>Physical Review B</i> , 1996 , 54, 6073-6076	3.3	59
2213	Competing instabilities and metastable states in (Nd,Sm)1/2Sr1/2MnO3. 1996, 76, 3184-3187		266
2212	Unconventional ferromagnetic transition in La1-xCaxMnO3. 1996 , 76, 4046-4049		425
2211	Ferromagnetism-induced reentrant structural transition and phase diagram of the lightly doped insulator La1-xSrxMnO3 (x . <i>Physical Review B</i> , 1996 , 53, R14709-R14712	3.3	150
2210	Magnetic properties and colossal magnetoresistance of La(Ca)MnO3 materials doped with Fe. <i>Physical Review B</i> , 1996 , 54, 15299-15302	3.3	298
2209	Optical Evidence for the Dynamic Jahn-Teller Effect in Nd0.7Sr0.3MnO3. 1996 , 77, 2081-2084		180
2208	Low-temperature specific heat of La0.67Ba0.33MnO3 and La0.8Ca0.2MnO3. <i>Physical Review B</i> , 1996 , 54, 14926-14929	3.3	107
2207	Transport and magnetization in the badly metallic itinerant ferromagnet. 1996 , 8, 10111-10126		163
2206	Grain-boundary effects on the magnetoresistance properties of perovskite manganite films. <i>Physical Review B</i> , 1996 , 54, R15629-R15632	3.3	498
2205	Intrinsic electrical transport and magnetic properties of La0.67Ca0.33MnO3 and La0.67Sr0.33MnO3 MOCVD thin films and bulk material. <i>Physical Review B</i> , 1996 , 53, 14434-14444	3.3	590
2204	Dynamic Jahn-Teller Effect and Colossal Magnetoresistance in La 1-xSrxMnO3. 1996 , 77, 175-178		1188
2203	Large magnetothermopower in La0.67Ca0.33MnO3 films. <i>Physical Review B</i> , 1996 , 53, 5094-5097	3.3	60
2202	Magnetism and structural distortion in the La0.7Sr0.3MnO3 metallic ferromagnet. <i>Physical Review B</i> , 1996 , 53, 14285-14290	3.3	240

2201	Electronic structure and half-metallic transport in the La1-xCaxMnO3 system. <i>Physical Review B</i> , 1996 , 53, 1146-1160	3.3	684
2200	Magnetoresistance scaling in MBE-grown La0.7Ca0.3MnO3 thin films. <i>Physical Review B</i> , 1996 , 54, R684	13 B 684	14 :06
2199	Electronic aspects of the ferromagnetic transition in manganese perovskites. 1996 , 76, 4215-4218		288
2198	Magnetocaloric effect in La0.67Ca0.33MnOឯnd La0.60Y0.07Ca0.33MnOեulk materials. 1996 , 69, 3596-	-3598	240
2197	Spin-Polarized Intergrain Tunneling in La2/3Sr1/3MnO3. 1996 , 77, 2041-2044		1625
2196	Lattice effects in the colossal-magnetoresistance manganites. 1996 , 76, 1356-1359		661
2195	Striction-Coupled Magnetoresistance in Perovskite-Type Manganese Oxides. <i>Science</i> , 1996 , 272, 80-82	33.3	136
2194	Colossal Magnetoresistance Without Mn3+/Mn4+ Double Exchange in the Stoichiometric Pyrochlore Tl2Mn2O7. <i>Science</i> , 1996 , 273, 81-4	33.3	278
2193	Synthesis of Novel Thin-Film Materials by Pulsed Laser Deposition. <i>Science</i> , 1996 , 273, 898-903	33.3	489
2192	Localized-itinerant electronic transitions in perovskites. 1996 , 37-60		1
	Localized-itinerant electronic transitions in perovskites. 1996 , 37-60 Anomalous Spin Scattering Effects in the Badly Metallic Itinerant Ferromagnet SrRuO3. 1996 , 77, 2774-	-2777	251
2191	Anomalous Spin Scattering Effects in the Badly Metallic Itinerant Ferromagnet SrRuO3. 1996 , 77, 2774-Coupled metallhsulator and magnetic transitions in LnSr2Mn2O7(Ln = La, Tb). 1996 , 767-768	2777	
2191	Anomalous Spin Scattering Effects in the Badly Metallic Itinerant Ferromagnet SrRuO3. 1996 , 77, 2774-Coupled metallih sulator and magnetic transitions in LnSr2Mn2O7(Ln = La, Tb). 1996 , 767-768 Magnetic and transport properties of Na doped SrRuO3 and CaRuO3. <i>Journal of Applied Physics</i> , 1996 , 79, 4821	2.5	251
2191	Anomalous Spin Scattering Effects in the Badly Metallic Itinerant Ferromagnet SrRuO3. 1996 , 77, 2774- Coupled metal[hsulator and magnetic transitions in LnSr2Mn2O7(Ln = La, Tb). 1996 , 767-768 Magnetic and transport properties of Na doped SrRuO3 and CaRuO3. <i>Journal of Applied Physics</i> ,		251
2191 2190 2189	Anomalous Spin Scattering Effects in the Badly Metallic Itinerant Ferromagnet SrRuO3. 1996, 77, 2774- Coupled metalihsulator and magnetic transitions in LnSr2Mn2O7(Ln = La, Tb). 1996, 767-768 Magnetic and transport properties of Na doped SrRuO3 and CaRuO3. <i>Journal of Applied Physics</i> , 1996, 79, 4821 Origins of colossal magnetoresistance in perovskite-type manganese oxides (invited). <i>Journal of Applied Physics</i> , 1996, 79, 5288 5.1.6.9 Electrical resistivities. 173-186	2.5	251 31 55
2191 2190 2189 2188	Anomalous Spin Scattering Effects in the Badly Metallic Itinerant Ferromagnet SrRuO3. 1996, 77, 2774- Coupled metalfhsulator and magnetic transitions in LnSr2Mn2O7(Ln = La, Tb). 1996, 767-768 Magnetic and transport properties of Na doped SrRuO3 and CaRuO3. <i>Journal of Applied Physics</i> , 1996, 79, 4821 Origins of colossal magnetoresistance in perovskite-type manganese oxides (invited). <i>Journal of Applied Physics</i> , 1996, 79, 5288 5.1.6.9 Electrical resistivities. 173-186 Characterization of epitaxial La0.7Ba0.3MnO3 structures using ferromagnetic resonance. <i>Journal of Applied Physics</i> , 1996, 80, 2334-2338	2.5	251 31 55
2191 2190 2189 2188 2187	Anomalous Spin Scattering Effects in the Badly Metallic Itinerant Ferromagnet SrRuO3. 1996, 77, 2774- Coupled metalinsulator and magnetic transitions in LnSr2Mn2O7(Ln = La, Tb). 1996, 767-768 Magnetic and transport properties of Na doped SrRuO3 and CaRuO3. <i>Journal of Applied Physics</i> , 1996, 79, 4821 Origins of colossal magnetoresistance in perovskite-type manganese oxides (invited). <i>Journal of Applied Physics</i> , 1996, 79, 5288 5.1.6.9 Electrical resistivities. 173-186 Characterization of epitaxial La0.7Ba0.3MnO3 structures using ferromagnetic resonance. <i>Journal of</i>	2.5	251 31 55 223

2183	Large Magnetoresistance Effect in Polycrystalline Isotropic La–AM–Mn–O Ceramics (AM=Na, K, Rb, Cs). 1996 , 37, 1219-1223		3
2182	Colossal Magnetoresistance in Perovskite-like La-Ca-Mn-O. 1996 , 37, 888-892		9
2181	De Gruyter. 1996 , 1, 537-543		
2180	Conductance through a Magnetic Domain Wall in Double Exchange System. 1996 , 65, 3088-3089		23
2179	Dynamical mean-field theory of strongly correlated fermion systems and the limit of infinite dimensions. 1996 , 68, 13-125		4948
2178	Commensurate to incommensurate charge ordering and its real space images in La0.5Ca0.5MnO3. 1996 , 76, 4042-4045		498
2177	Spin and orbital orderings and their excitations in perovskite Mn oxides. 1996 , 46, 3225-3231		
2176	The specific heat and a first order phase transition due to charge ordering in Nd1/2Sr1/2MnO3 in a magnetic field. 1996 , 46, 1225-1226		3
2175	Preparation and superconducting properties of YBCO/LaCaMnO multilayers. 1996 , 46, 1355-1356		6
2174	Theory of the giant magnetoresistance in La1⊠ A x MnO3. 1996 , 46, 1857-1858		12
2173	Magnetic order in La1MnO3. 1996 , 46, 2123-2124		2
2172	Spin dynamics of La2/3Sr1/3MnO3. 1996 , 46, 2163-2164		10
2171	Magnetic field dependence of the resistance and magnetization of the giant magnetoresistive Pr0.7Ca0.25Sr0.05MnO3 polycrystalline sample. <i>Journal of Magnetism and Magnetic Materials</i> , 1996 , 152, L5-L9	2.8	36
2170	Neutron diffraction evidence for an antiferromagnetic ordering in the CMR manganites Pr0.7Ca0.3\square\squa	2.8	42
2169	Giant magnetoresistance in ceramic perovskites La?L?Ca?MnO (L = Y,Gd). Journal of Magnetism and	2.8	
	Magnetic Materials, 1996 , 157-158, 260-261		
2168	Low dose Ar+ ion implantation effects on the properties of oriented La0.75Ca0.25MnO3 films. 1996, 114, 42-45		11
2168 2167	Low dose Ar+ ion implantation effects on the properties of oriented La0.75Ca0.25MnO3 films.		11

[1996-1996]

2165	superlattices. 1996 , 275, 244-246	3
2164	Conductivity jumps and low-temperature magnetoresistance in the new semiconducting perovskites La1lk BixMnO3+l1996, 64, 274-278	
2163	Electron Statistical Dynamical Diffuse Scattering in Crystals Containing Short-Range-Order Point Defects. 1996 , 52, 717-729	5
2162	Structural phase transition at low temperature, corresponding to charge ordering in the CMR perovskites LN0.5A0.5MNO3. 1996 , 31, 905-911	23
2161	Tools and strategies for Developing New Materials. 1996 , 8, 883-894	6
2160	Effects of film thickness on colossal magnetoresistance in Pr0.7Sr0.3MnO3 films. 1996 , 97, 17-19	16
2159	Transport property and magnetoresistance behavior in Pr1⊠SrxMnO3 films. 1996 , 97, 777-780	10
2158	Electronic phase separation and charge ordering in (Sr,La)2MnO4: Indication of triplet bipolarons. 1996 , 98, 55-59	95
2157	High magnetic polarizability of magnetoresistive manganese oxides. 1996 , 97, 1033-1038	16
2156	noise in epitaxial Nd0.7Sr0.3MnO3 films. 1996 , 98, 235-239	6
2155	Giant magnetoresistance in pyrochlore Tl2⊠InxMn2O7. 1996 , 98, 163-166	67
2154	The manganite Nd0.5Sr0.5MnO3: A rare distortion of the perovskite. 1996 , 99, 173-177	82
2153	Ferromagnetism and large negative magnetoresistance in Bi1\(\mathbb{L}\)CaxMnO3 (x \(\mathbb{D}\).8) perovskite. 1996 , 99, 499-502	104
2152	Field induced insulator-metal transition in Pr1⊠CaxMnO3. 1996 , 223-224, 532-534	2
2151	Semiconductor-metal transition and magnetoresistance in (La, Ca)MnO3: Experiments and simple model. 1996 , 225, 214-224	21
2150	Lattice effect in Pr doped La?Sr?Mn?O perovskite. 1996 , 100, 769-771	19
2149	A phenomenological Landauer-type theory on colossal magnetoresistance. 1996 , 100, 831-835	
2148	The static and dynamic lattice effects in La1⊠CaxMnO3. 1996 , 100, 865-869	25

2147	Giant magnetoresistance in Ti2Mn2O7 with the pyrochlore structure. 1996 , 379, 53-55		325
2146	Giant magnetoresistance of manganese oxides with a layered perovskite structure. 1996 , 380, 141-144		1050
2145	Giant oxygen isotope shift in the magnetoresistive perovskite La1⊠CaxMnO3+y. 1996 , 381, 676-678		596
2144	Magnetic Recording Head Materials. 1996 , 21, 23-27		43
2143	Electronic Hamiltonian for transition-metal oxide compounds. <i>Physical Review B</i> , 1996 , 54, R6819-R6822	23.3	134
2142	Effect of pressure on the magnetoresistance of single crystal Nd0.5Sr0.36Pb0.14MnO3- delta. 1996 , 76, 295-298		105
2141	Experimental evidence for the dynamic Jahn-Teller effect in La0.65Ca0.35MnO3. <i>Physical Review B</i> , 1996 , 54, R3694-R3697	3.3	221
2140	Unusual Electric Field Effects in Nd0.7Sr0.3MnO3. 1996 , 77, 1159-1162		91
2139	Magnetostructural phase transitions in La1-xSrxMnO3 with controlled carrier density. <i>Physical Review B</i> , 1996 , 54, 1716-1723	3.3	141
2138	Spin-disorder scattering and localization in magnetoresistive (La1-xYx)2/3Ca1/3MnO3 perovskites. <i>Physical Review B</i> , 1996 , 54, 10001-10007	3.3	24
2137	Evidence for a local lattice distortion in Ca-doped LaMnO3. <i>Physical Review B</i> , 1996 , 53, 13985-13988	3.3	128
2136	Tetragonal domain structure and magnetoresistance of La1-xSrxCoO3. <i>Physical Review B</i> , 1996 , 54, 115	3 ₃ .13158	3 70
2135	Magnetic exchange and charge transfer in mixed-valence manganites and cuprates. <i>Journal of Applied Physics</i> , 1996 , 79, 5172	2.5	52
2134	Electron spectroscopic studies of colossal magnetoresistance material La1\(\mathbb{\text{La1}\)\(\mathbb{\text{CaxMnO3}}\). <i>Journal of Applied Physics</i> , 1996 , 79, 4558	2.5	17
2133	Electrical conductivity in ferromagnetic perovskite structures. <i>Journal of Applied Physics</i> , 1996 , 79, 4542	2.5	37
2132	Magnetic properties of colossal magnetoresistive manganese oxides. <i>Journal of Applied Physics</i> , 1996 , 79, 5182	2.5	21
2131	Nanostructure of giant magnetoresistive oxide film Nd2/3Sr1/3MnO3 by scanning tunneling microscopy. <i>Journal of Applied Physics</i> , 1996 , 80, 4519-4522	2.5	4
2130	Magnetoresistance in La1-xSrxCoO3 for 0.05 . <i>Physical Review B</i> , 1996 , 53, 8207-8210	3.3	110

2129	Thermopower of single-crystal Nd1-x(Sr,Pb)xMnO3- delta. <i>Physical Review B</i> , 1996 , 53, 14303-14308	3.3	33
2128	Electronic structure of the perovskite oxides: La1-xCaxMnO3. 1996 , 76, 960-963		375
2127	Magnetotransport and hysteretic behavior in epitaxial La0.67Ca0.33MnO3Ifilms. <i>Journal of Applied Physics</i> , 1996 , 79, 4546	2.5	26
2126	Electronic Raman scattering from La0.7Sr0.3MnO3 exhibiting giant magnetoresistance. <i>Physical Review B</i> , 1996 , 54, 14899-14902	3.3	133
2125	Physical properties of the giant magnetoresistive perovskite system La - Er - Ca - Mn - O. 1996 , 8, 5235-	5245	20
2124	High-temperature thermopower of LaMnO3 and related systems. <i>Physical Review B</i> , 1996 , 54, 16602-10	6607	19
2123	Chemical tuning of the colossal magnetoresistance of ferromagnetic perovskites. 1996 , 34, 379-384		20
2122	Colossal magnetoresistance in the antiferromagnetic La0.5Ca0.5MnO3 system. <i>Journal of Applied Physics</i> , 1996 , 79, 4538	2.5	36
2121	Role of epitaxy and polycrystallinity in the magnetoresistance and magnetization of La0.8Sr0.2MnO3 thin films. <i>Journal of Applied Physics</i> , 1996 , 79, 5169	2.5	27
2120	On the origin of magnetoresistance in ferromagnetic perovskite structures. <i>Journal of Applied Physics</i> , 1996 , 79, 7398-7400	2.5	22
2119	Giant magnetoresistance induced by spin-correlation scattering in magnetic thin films and other compounds. <i>Journal of Applied Physics</i> , 1996 , 79, 5162	2.5	1
2118	Magnetoresistance and magnetic properties of La1½?xMnO3년thin films. <i>Journal of Applied Physics</i> , 1996 , 79, 4549	2.5	41
2117	Direct evidence for the effect of lattice distortions in the transport properties of perovskite-type manganite films. <i>Physical Review B</i> , 1996 , 54, 10014-10018	3.3	18
2116	Transport and magnetism correlations in thin-film ferromagnetic oxides. <i>Journal of Applied Physics</i> , 1996 , 79, 4535	2.5	35
2115	Colossal magnetoresistance properties of the manganese perovskites La0.7\(\mathbb{N}\)YxCa0.3MnO3\(\mathbb{D}\) Journal of Applied Physics, 1996 , 79, 7891-7895	2.5	36
2114	A vision of ultra-high density memory.		
2113	Thermoelectric effect in La1-xSrxMnO3. <i>Physical Review B</i> , 1996 , 53, R2952-R2955	3.3	118
2112	Charge ordering and magnetoresistance in Nd1-xCaxMnO3 due to reduced double exchange. <i>Physical Review B</i> , 1996 , 54, 3007-3010	3.3	121

2111	Density-functional studies of the electronic structure of the perovskite oxides: La1\(\mathbb{Q}\)CaxMnO3. Journal of Applied Physics, 1996 , 79, 4555	2.5	52
2110	Low-temperature transport properties of NdBiPt. <i>Physical Review B</i> , 1996 , 53, 12896-12901	3.3	15
2109	Monoclinic microdomains and clustering in the colossal magnetoresistance manganites Pr0.7Ca0.25Sr0.05MnO3 and Pr0.75Sr0.25MnO3. <i>Physical Review B</i> , 1996 , 53, 14274-14284	3.3	59
2108	Fermi-liquid-to-polaron crossover. I. General results. <i>Physical Review B</i> , 1996 , 54, 5389-5404	3.3	208
2107	Impact of new magnetoresistive materials on magnetic recording heads (invited). <i>Journal of Applied Physics</i> , 1996 , 79, 4491	2.5	33
2106	Two-Dimensional Planar Ferromagnetic Coupling in LaMnO3. 1996 , 65, 3736-3739		123
2105	Colossal magnetoresistance in La-Y-Ca-Mn-O films. 1996 , 32, 4692-4694		7
2104	Spin Excitation Spectrum ofLa1-xAxMnO3. 1996 , 65, 1174-1177		119
2103	Transport Properties of La1-xSrxMnOzThin Films in Oxygen Deficient and Excess States. 1996 , 35, 5432	-5436	7
2102	thin film bilayers grown by pulsed laser ablation deposition. 1996 , 29, 2522-2524		3
2101	Hysteretic Magnetoresistance in \$bf Nd_{1-{ninmbi x}}Sr_{ninmbi x}MnO_{3}\$ Films with Controlled Carrier Density. 1996 , 35, L489-L492		18
2100	Transport Property of \$bf (La_{1-{ninmbi x}}A_{ninmbi x})MnO_{3}~(A=Ca,,Sr,,Ba)\$. 1996 , 35, L23-L26		6
2099	Negative Magnetoresistance Effect in La-Pb-Mn-O Bulk Manganese Oxides. 1996 , 13, 129-132		1
2098	Pressure dependence of the resistivity and magnetoresistance in single-crystal. 1996 , 8, 7723-7731		7
2097	Pulsed laser deposition of thin films of (. 1996 , 8, 10737-10752		10
2096	The effect of annealing on the magnetoresistance of polycrystalline (La - Y - Ca) perovskites. 1996 , 8, 8513-8524		12
2095	Colossal magnetoresistance in Sm1\(\mathbb{B}\)SrxMnO3 films. Journal of Applied Physics, 1996 , 80, 6894-6897	2.5	26
2094	Magnetoresistance behaviour of compounds. 1996 , 8, 5393-5400		22

Large Piezoresistance and Pressure-Induced Change in Electric Properties in Perovskite-like La 0 Sr 0.15 MnO 3. 1996 , 13, 870-873	.85	3
2092 Phase transition in the double-exchange model: a Schwinger boson approach. 1996 , 8, L515-L52 ²	1	16
2091 Magnetoresistance Behavior of La $(2-x)/3$ Bi $x/3$ Ca $1/3$ MnO 3 ($x = 0.4$). 1997 , 14, 453-456		1
2090 Magnetic properties of the double-exchange model. 1997 , 9, L157-L163		27
2089 Superconductivity of (La,A)MnO3/YBa2Cu3OyTrilayer Films (A=Sr, Ca). 1997, 36, 7169-7172		3
$_{20}88$ Application of a near coincidence site lattice theory to the orientations of grains on (001). 1997 ,	9, 7855-7860	2
2087 Composite polarons in ferromagnetic narrow-band metallic manganese oxides. 1997 , 9, 8623-86	30	5
2086 Giant Magnetoresistance in Granular Perovskite La 0.8 Sr 0.2 MnO 3. 1997 , 14, 229-232		2
2085 Spatial Properties of the Photoinduced Transition in Pr0.7Ca0.3MnO3. 1997 , 66, 3570-3576		24
Charge ordering via electron-electron interactions in the colossal-magnetoresistive manganites. <i>Physical Review B</i> , 1997 , 56, 2316-2319	3.3	48
Crystal structure and magnetoresistance of La(21/2)/3Ndx/3Ca1/3MnO3:Local lattice distortion effect. <i>Physical Review B</i> , 1997 , 55, 3742-3748	3.3	66
Structural and magnetotransport properties of the colossal magnetoresistance material Tl2 Mn ² O7s. <i>Physical Review B</i> , 1997 , 55, 6399-6404	3.3	43
Coherent waves of magnetic polarons propagating in La1\(\text{La1MCaxMnO3: An inelastic-neutron-scattering study. } Physical Review B, 1997 , 56, R497-R500	3.3	73
Bandwidth-control-induced insulator-metal transition in Pr0.65(Ca1IJSry)0.35MnO3 and Pr0.7Ca0.3MnO3. <i>Physical Review B</i> , 1997 , 55, 2729-2732	3.3	61
Temperature dependence of the electronic structure of the charge-ordering manganite Pr0.5Sr0.5MnO3. <i>Physical Review B</i> , 1997 , 56, R15513-R15516	3.3	23
2078 Giant magnetoresistance in La0.8Sr0.2FexCo1⊠O3 (0.025?X?0.3). 1997 , 71, 3150-3152		14
Magnetoresistance of epitaxial thin films of ferromagnetic metallic oxide SrRuO3 with different domain structures. 1997 , 71, 1724-1726		51
Magnetoelectronic effects in pyrochlore Tl2 Mn2 O7 : Role of Tl-O covalency. <i>Physical Review B</i> , 1997 , 55, 313-316	3-3	75

2075	Fabrication and properties of YBa/sub 2/Cu/sub 3/O/sub 7//RE/sub 1-x/MnO/sub 3-y/ multilayers. 1997 , 7, 2192-2195		41
2074	Zero-field resistivity anomaly and low-field response of the canted antiferromagnetism in unsubstituted and Ba-substituted LaMnO3+\text{\text{\text{W}}} within the insulating regime. <i>Physical Review B</i> , 1997 , 56, 8828-8835	3.3	10
2073	Growth and properties of c-axis textured La0.7Sr0.3MnO3Ifilms on SiO2/Si substrates with a Bi4Ti3O12 template layer. 1997 , 70, 1763-1765		50
2072	Phase Diagram of Electronic Models for Transition Metal Oxides in One Dimension. 1997 , 79, 713-716		78
2071	Strong Oxygen-Mass Dependence of the Thermal-Expansion Coefficient in the Manganites (La1NCax)1NMn1NO3. 1997 , 78, 955-958		80
2070	Orbital Ordering in a Two-Dimensional Triangular Lattice. 1997 , 78, 1323-1326		170
2069	Effective Hamiltonian in manganites:mStudy of the orbital and spin structures. <i>Physical Review B</i> , 1997 , 55, 8280-8286	3.3	216
2068	Spin-glass state and magnetic-field-induced phenomena in distorted Eu0.58Sr0.42MnO3 perovskite. <i>Physical Review B</i> , 1997 , 55, 5596-5599	3.3	83
2067	Impurity model for mixed-valent Mn3+/Mn4+ ions. <i>Physical Review B</i> , 1997 , 56, 13999-14005	3.3	2
2066	Magnetically correlated internal friction and Young modulus in La(Y)-Ca-Mn-O perovskites. <i>Physical Review B</i> , 1997 , 56, 13662-13665	3.3	23
2065	Observations of long-period structures associated with charge ordering in Bi0.2Ca0.8MnO3. <i>Physical Review B</i> , 1997 , 55, 15043-15047	3.3	53
2064	Transport properties and colossal magnetoresistance in epitaxial La0.67Cd0.33MnO3 thin film. 1997 , 71, 2701-2703		14
2063	Magnetism of perovskite manganese oxide La1/3Nd1/3Ca1/3MnO3. <i>Journal of Applied Physics</i> , 1997 , 82, 4687-4689	2.5	7
2062	Persistent current in the ferromagnetic Kondo lattice model. <i>Physical Review B</i> , 1997 , 56, 11839-11844	3.3	3
2061	Intermediate-valence model for the colossal magnetoresistance in Tl2Mn2O7. <i>Physical Review B</i> , 1997 , 56, 14533-14540	3.3	17
2060	Electrical properties of La0.7⊠PrxSr0.3MnO3 perovskite. 1997 , 70, 1897-1899		44
2059	Jahn-Teller distortion and magnetic structures in LaMnO3. <i>Physical Review B</i> , 1997 , 56, 12154-12160	3.3	152
2058	Enhancement of low field magnetoresistance in YBa/sub 2/Cu/sub 3/O/sub 7//Nd/sub 0.7/Sr/sub 0.3/MnO/sub 3/ heterostructures. 1997 , 7, 2173-2176		2

2057	Magnetoresistance in Pr0.65Ba0.05Ca0.3Mn3Ehin films. <i>Physical Review B</i> , 1997 , 56, 13666-13668	3.3	12
2056	Theory of Colossal Magnetoresistance in R1⊠AxMnO3. 1997 , 79, 1710-1713		144
2055	Ferromagnetic state with spin canting in La0.52Gd0.15Ca0.33MnO3. <i>Physical Review B</i> , 1997 , 56, 10789	-30792	2 26
2054	Inelastic Quantum Transport. 1997 , 79, 4874-4877		50
2053	Orbital liquid in perovskite transition-metal oxides. <i>Physical Review B</i> , 1997 , 56, 686-692	3.3	188
2052	Electronic phase separation in lanthanum manganites: Evidence from 55Mn NMR. <i>Physical Review B</i> , 1997 , 56, 6036-6046	3.3	164
2051	Jahn Teller effects in the doubly degenerate Hubbard model. Journal of Applied Physics, 1997, 81, 4625-	-4 <u>6.</u> 37	
2050	Control of the growth and domain structure of epitaxial SrRuO3 thin films by vicinal (001) SrTiO3 substrates. 1997 , 70, 1962-1964		111
2049	Systematic Mn d-configuration change in the La1⊠CaxMnO3 system: A Mn K-edge XAS study. <i>Physical Review B</i> , 1997 , 55, 8726-8732	3.3	181
2048	Effect of crystallinity on the magnetoresistance in perovskite manganese oxide thin films. 1997 , 71, 28,	2-284	129
2047	In situ plume-emission monitoring during pulsed-laser deposition of YBa2Cu3O7Dand yttria-stabilized zirconia thin films. 1997 , 68, 170-177		7
2046	Magnetic field induced properties of manganite perovskites with colossal magnetoresistance (invited). <i>Journal of Applied Physics</i> , 1997 , 81, 5324-5329	2.5	54
2045	X-ray-absorption near-edge spectroscopy and circular magnetic x-ray dichroism at the Mn K edge of magnetoresistive manganites. <i>Physical Review B</i> , 1997 , 56, 8183-8191	3.3	164
2044	Effects of doping and magnetic field on the half-metallic electronic structures of La1\(\mathbb{B}\)BaxMnO3. Physical Review B, 1997 , 56, 12046-12049	3.3	19
2043	Effective one-band electron-phonon Hamiltonian for nickel perovskites. <i>Physical Review B</i> , 1997 , 56, 3544-3547	3.3	2
2042	Possible suppression of canted spin order in the double-exchange lanthanum manganites. <i>Physical Review B</i> , 1997 , 55, 2725-2728	3.3	19
2041	Transport mechanisms in doped LaMnO3: Evidence for polaron formation. <i>Physical Review B</i> , 1997 , 56, 5104-5107	3.3	149
2040	Metal-insulator transition in the mixed-valence manganites. <i>Physical Review B</i> , 1997 , 56, R7053-R7056	3.3	54

2039	Low-temperature, flux-grown, Na-doped LaMnO3: Magnetic properties. 1997 , 70, 1622-1624	14
2038	Anisotropic strains and magnetoresistance of La0.7Ca0.3MnO3. 1997 , 71, 977-979	101
2037	Magneto-transport properties of Bi substituted thin films of LaCaMnD. 1997 , 70, 667-669	4
2036	Doped rare-earth perovskite Mn films with colossal magnetoresistance. 1997 , 71, 3418-3420	19
2035	Preparation of epitaxial La1\(\textrm{\textit{B}}\)SrxMnO3 films on SrTiO3(001) by dipping-pyrolysis process. 1997 , 12, 541-545	35
2034	MEsbauer study of La0.75Ca0.25Mn0.98Fe0.02O3 compound. <i>Journal of Applied Physics</i> , 1997 , 81, 5770-57 7 2	92
2033	Effects of lattice distortion and Jahn - Teller coupling on the magnetoresistance of and epitaxial films. 1997 , 9, 3713-3721	56
2032	On the relation of the 'double-exchange' model to low-temperature magnetic properties of doped manganites. 1997 , 9, L291-L297	19
2031	Scaling of Spin-Wave Stiffness Constant to Curie Temperature in the Colossal Magnetoresistance Material La1-xSrxMnO3. 1997 , 66, 2264-2267	49
2030	Bandwidth- and Doping-Dependent Pressure Effects on the Ferromagnetic Transition in Perovskite Manganites. 1997 , 66, 556-559	18
2029	Lattice Effects in Perovskite and Pyrochlore CMR Materials. 1997 , 475, 533	1
2028	Structural Inhomogeneities and Resistivity in Radiation Damaged LA2/3(CA,SR)1/3MNO3Pulsed Laser Deposited Thin Films. 1997 , 474, 185	1
2027	Transport properties of (Sm0.7A0.3)MnO3 (A=Ca2+,Sr2+,Ba2+,Pb2+). <i>Journal of Applied Physics</i> , 1997 , 81, 5763-5765	17
2026	Influence of Fe in giant magnetoresistance ratio and magnetic properties of La0.7Ca0.3Mn1\(\text{MFexO3} \) perovskite type compounds. Journal of Applied Physics, 1997 , 81, 5767-5769	82
2025	First Principles Description of the Valence States in Manganese Oxides. 1997 , 101, 1215-1221	5
2024	Stress-induced surface magnetization of (La/sub 0.7/Sr/sub 0.3/)MnO/sub 3/ thin films. 1997 , 33, 3964-3966	12
2023	Jahn-Teller dynamics and properties of the manganites. 1997 , 76, 241-245	12
2022	Large Magnetic Entropy Change in Perovskite La 0.67- x Gd x Ca 0.33 MnO 3. 1997 , 14, 786-788	5

2021	A structure-dependent change of magnetism in the magnetic oxide. 1997 , 9, 4281-4288		12
2020	Desirable magnetotransport properties in doped Mn-oxide-based superlattices. <i>Journal of Applied Physics</i> , 1997 , 81, 4950-4952	2.5	58
2019	Giant Oxygen-Isotope Shift of the Ferromagnetic Transition Temperature in the Colossal Magnetoresistive La1⊠CaxMnO3+y: Evidence for Jahn-Teller Polarons*. 1997 , 201, 263-269		
2018	A novel propionate-based chemical solution deposition method of La1-x(Ca, Sr)xMnO3 thin films for microelectronics applications. 1997 , 18, 339-350		2
2017	Effects of Lattice Distortion, Polaron Conduction and Double-Exchange Interaction on the Physical Properties of Magnetoresistive Manganites and Cobaltites. 1997 , 474, 145		2
2016	Characterization of Off-Axis Sputtered La0.67Ca0.33MnO3 Films and La0.67Ca0.33MnO3/YBa2Cu3O7-Bilayers. 1997 , 474, 235		2
2015	Analysis of Cation Valences and Oxygen Vacancies in Magnetoresistive Oxides by Electron Energy-Loss Spectroscopy. 1997 , 494, 113		1
2014	Magnetic Anisotropy and Lattice Distortions in The Doped Perovskite Manganites. 1997 , 494, 41		2
2013	Paramagnetic Susceptibility of the CMR Compound La1-xCaxMnO3. 1997 , 494, 95		5
2012	Synthesis of High Temperature Superconductive and Colossal Magnetoresistive Surfaces on Insulating Particles. 1997 , 501, 393		
2011	Colossal Magnetoresistance in La-Ca-Mn-O. 1997 , 474, 157		1
2010	Interplay Between Electronic Transport and Magnetic Order in Ferromagnetic Manganite Thin Films. 1997 , 474, 167		2
2009	The Effects of Strain on The Magnetic Anisotropy of Doped Manganite Thin Films. 1997 , 474, 205		1
2008	Preparation of Epitaxial and Polycrystalline La0.8Sr0.2MnO3 Films by Dipping-Pyrolysis Process. 1997 , 474, 253		1
2007	Role of Ag in the Epitaxial Growth of Oxide Thin Films. 1997 , 474, 351		
2006	Effect of Domain Structure on the Magnetoresistance of Epitaxial Thin Films of Ferromagnetic Metallic Oxide SrRuO3. 1997 , 494, 101		
2005	The Local Atomic Structure of Lal-xSrxCoO3: Effects Induced by The Spin-State and Non-Metal to Metal Transitions. 1997 , 494, 107		1
2004	Crystallinity and Magnetoresistance in Calcium Doped Lanthanum Manganites. 1997 , 494, 21		

Low Energy K-Dependent Electronic Structure of the Layered Magnetoresistive Oxide La1.2Sr1.8Mn2O7. **1997**, 494, 213

2002	Sub-200 Oe Giant Magnetoresistance in Manganite Tunnel Junctions. 1997 , 494, 221		1
2001	Fabrication Of La0.7Sr0.3MnO3/La0.5Sr0.5CoO3/La0.7Sr0.3MnO3 Heterostructures for Spin Valve Applications. 1997 , 494, 243		
2000	The Effect of Elastic Strain on the Electrical and Magnetic Properties of Epitaxial Ferromagnetic SrRuO3 Thin Films. 1997 , 494, 269		4
1999	Effects of Localized Holes on Charge Transport, Local Structure and Spin Dynamics in the Metallic State of CMR La1-xCaxMnO3. 1997 , 494, 275		1
1998	The Effect of Radiation Induced Disorder on La0.7Ca0.3MnO3-8 Thin Films. 1997 , 494, 287		1
1997	Volume-Based Considerations for the Metal-Insulator Transition of CMR Oxides. 1997 , 494, 293		
1996	High Frequency Magneto-Electrodynamics of La1-xSrxMnO3 Single Crystals. 1997 , 494, 311		2
1995	Evidence for a Jahn-Teller Distortion in the CMR Layered Manganite La1.4Sr1.6Mn2O7. 1997 , 494, 53		
1994	Colossal Magnetoresistive Thin Films of (La1-t-xPrx)0.7Ca0.3MnO3 Prepared by Aerosol MOCVD. 1997 , 495, 333		4
1993	Magnetic domain structures of La0.67Sr0.33MnO3 thin films with different morphologies. <i>Journal of Applied Physics</i> , 1997 , 82, 3934-3939	2.5	64
1992	Structure and magnetoresistive properties in Lathanganite thin films. <i>Journal of Applied Physics</i> , 1997 , 81, 5496-5498	2.5	36
1991	Electron-lattice coupling in Bolossall magnetoresistance rare earth manganites. <i>Journal of Applied Physics</i> , 1997 , 81, 5502-5503	2.5	15
1990	Volatility by Design. Synthesis and Characterization of Polyether Adducts of Bis(1,1,1,5,5,5-hexafluoro-2,4-pentanedionato)barium and Their Implementation as Metal © rganic Chemical Vapor Deposition Precursors. 1997 , 9, 1638-1648		47
1989	Conduction mechanisms in c-axis oriented YBCO based trilayer junctions with ferromagnetic A/sub 0.7/B/sub 0.3/MnO/sub 3/ manganite barriers. 1997 , 7, 2304-2307		7
1988	Specific heat and resistivity of a double-exchange ferromagnet La0.7Ca0.3MnO3. <i>Physical Review B</i> , 1997 , 56, 67-70	3.3	47
1987	Magnetic ordering and electrical transport in (R = Sm, Eu, Gd, Tb, Dy, Y, Bi) compounds. 1997 , 9, 7455-74	161	6
1986	Annealing effect on magnetic and electrical properties of epitaxial La0.8MnO3Ithin films grown by chemical vapor deposition. <i>Journal of Applied Physics</i> , 1997 , 82, 4445-4448	2.5	45

1985 (Colossal magnetoresistance in epitaxial La(1)NayMnO3 thin film. 1997 , 70, 2909-2911		69
	Variation of electronic structure in La1⊠SrxMnO3f(0?x?0.3) as investigated by optical conductivity spectra. <i>Physical Review B</i> , 1997 , 55, 4206-4214	3.3	295
1983 l	Reentrant Transition of the Charge-Ordered State in Perovskite Manganites. 1997 , 66, 302-305		61
1982 l	Magnetic and electronic properties of LiMnO2s. <i>Physical Review B</i> , 1997 , 55, 309-312	3.3	43
	Thermal Conductivity of Manganite Perovskites: Colossal Magnetoresistance as a Lattice-Dynamics Transition. 1997 , 78, 3947-3950		122
1980 l	Low-Temperature Specific Heat of La1⊠SrxMnO3+□ 1997 , 78, 3201-3204		188
1979 l	Epitaxial films of exhibiting CMR prepared using nebulized spray pyrolysis. 1997 , 30, L71-L73		13
	Critical Current Suppression in a Superconductor by Injection of Spin-Polarized Carriers from a Ferromagnet. 1997 , 78, 1134-1137		243
1977 l	Double-exchange ferromagnetism in La(Mn1⊠Cox)O3. <i>Physical Review B</i> , 1997 , 55, 11072-11075	3.3	86
1976 l	Low-Temperature Anomalies and Ferromagnetism of EuB6. 1997 , 79, 5134-5137		117
1075	Temperature dependence of the ESR linewidth in the paramagnetic phase (T>TC) of R1\(\text{B}\)xMnO3+\(\text{R}=La,Pr; B=Ca,Sr). <i>Physical Review B</i> , 1997 , 55, 3083-3086	3.3	115
	Alternating current magnetic susceptibility measurements in La1\(\mathbb{B}\)SrxCoO3 (x?0.30) below 300 K. Journal of Applied Physics, 1997 , 81, 5753-5755	2.5	35
	Effects of Fe doping in the colossal magnetoresistive La1\(\mathbb{R}\)CaxMnO3. <i>Journal of Applied Physics</i> , 1997 , 81, 5505-5507	2.5	106
	Material characteristics of perovskite manganese oxide thin films for bolometric applications. 1997 , 71, 2535-2537		206
1971 l	Large magnetic entropy change in La0.75Ca0.25MnO3. 1997 , 70, 904-905		108
	Colossal magnetoresistance and charge order in La1\(\mathbb{R}\)CaxMnO3 (invited). <i>Journal of Applied Physics</i> , 1997 , 81, 5337-5342	2.5	58
	Effects of Gd, Co, and Ni doping in La2/3Ca1/3MnO3: Resistivity, thermopower, and paramagnetic resonance. <i>Physical Review B</i> , 1997 , 56, 5412-5423	3.3	153
	Complex magnetic and electronic transport properties of (La,Gd)1⊠SrxMnO3+Фerovskites. 1997 , 71, 3718-3720		10

1967	Orbital ordering and superexchange in manganite oxides. <i>Physical Review B</i> , 1997 , 55, 6405-6408	3.3	74
1966	Influence of a 36.8° grain boundary on the magnetoresistance of La0.8Sr0.2MnO3Bingle crystal films. 1997 , 71, 968-970		150
1965	Low-temperature field-dependent magnetization of La0.7 Sr0.3 MnO3s. <i>Physical Review B</i> , 1997 , 55, 5640-5642	3.3	31
1964	Spin-charge-lattice coupled phase transitions in bandwidth-controlled systems: (Nd,Sm)1/2Sr1/2MnO3. <i>Physical Review B</i> , 1997 , 56, 9386-9396	3.3	130
1963	Local Jahn-Teller distortion in La1\(\mathbb{B}\)SrxMnO3 observed by pulsed neutron diffraction. <i>Physical Review B</i> , 1997 , 56, R8475-R8478	3.3	289
1962	Tunneling Evidence of Half-Metallic Ferromagnetism in La0.7Ca0.3MnO3. 1997 , 79, 5150-5153		111
1961	Spin, charge, and orbital ordering in Mn perovskite oxides studied by model Hartree-Fock calculations. <i>Physical Review B</i> , 1997 , 56, R493-R496	3.3	114
1960	Charge localization, magnetic order, structural behavior, and spin dynamics of (LaIb)2/3Ca1/3MnO3 manganese perovskites probed by neutron diffraction and muon spin relaxation. <i>Physical Review B</i> , 1997 , 56, 3317-3324	3.3	72
1959	Charge localization in disordered colossal-magnetoresistance manganites. <i>Physical Review B</i> , 1997 , 56, 4541-4544	3.3	65
1958	Large Magnetic Entropy Change in Perovskite-Type Manganese Oxides. 1997 , 78, 1142-1145		617
1957	Magnetothermal conductivity of La0.8Ca0.2MnO3. <i>Physical Review B</i> , 1997 , 55, 15471-15474	3.3	44
1956	Polaron transport and lattice dynamics in colossal-magnetoresistance manganites. <i>Physical Review B</i> , 1997 , 55, 12454-12459	3.3	53
1955	Raman- and infrared-active phonons in hexagonal YMnO3: Experiment and lattice-dynamical calculations. <i>Physical Review B</i> , 1997 , 56, 2488-2494	3.3	166
1954	Ferroelectric Field Effect Transistor Based on Epitaxial Perovskite Heterostructures. <i>Science</i> , 1997 , 276, 238-40	33.3	521
1953	Large Enhancement of Magnetoresistance in Tl2Mn2O7: Pyrochlore Versus Perovskite. <i>Science</i> , 1997 , 277, 546-549	33.3	81
1952	Transport properties of Ce-doped RMnO3 (R=La, Pr, and Nd) manganites. <i>Physical Review B</i> , 1997 , 56, 15073-15080	3.3	164
1951	The role of strain in magnetic anisotropy of manganite thin films. 1997 , 71, 140-142		265
1950	Influence of controlled oxygen vacancies on the magnetotransport and magnetostructural phenomena in La0.85Sr0.15MnO3ßingle crystals. <i>Physical Review B</i> , 1997 , 56, 6031-6035	3.3	90

1949	Charge, orbital, and magnetic ordering in La0.5 Ca0.5 MnO3s. <i>Physical Review B</i> , 1997 , 55, 3015-3023	3.3	791
1948	MOCVD of HTS and GMR perovskites by aerosol and liquid delivery MOCVD. <i>Journal of Alloys and Compounds</i> , 1997 , 251, 270-277	5.7	19
1947	Synthesis and x-ray diffraction studies of dysprosium-calcium ferrites Dy1 (axFeO3) (a Journal of Alloys and Compounds, 1997, 256, 140-144	5.7	0
1946	Formation of perovskite-type compounds La0.5Ca0.5Mn1\(\mathbb{R}\)TixO3 (0\(\mathbb{D}\)D.5). <i>Journal of Alloys and Compounds</i> , 1997 , 252, L26-L28	5.7	1
1945	Synthesis and structural characterization of gadoliniumBalcium ferrites Gd1-xCaxFeO3-y (). <i>Journal of Alloys and Compounds</i> , 1997 , 261, 299-303	5.7	2
1944	Structural phase diagram of La1 IkSrxMnO3 for low Sr doping. <i>Journal of Alloys and Compounds</i> , 1997 , 262-263, 152-156	5.7	41
1943	Controlled reduction and oxidation of La0.85Sr0.15MnO3 single crystals. <i>Journal of Alloys and Compounds</i> , 1997 , 262-263, 163-168	5.7	8
1942	Giant magnetoresistance in manganese oxides. 1997 , 2, 32-39		21
1941	Surface lattice dynamics of La0.65Ca0.35MnO3 across the Curie temperature. 1997, 393, 64-71		8
1940	Lattice effects, stability under a high magnetic field, and magnetotransport properties of the charge-ordered mixed-valence La0.35Ca0.65MnO3 perovskite. <i>Physical Review B</i> , 1997 , 56, 8252-8256	3.3	60
1939	Structure and magnetic order in undoped lanthanum manganite. <i>Physical Review B</i> , 1997 , 55, 14987-149	993	239
1938	Tunnel-type giant magnetoresistance in the granular perovskite La0.85Sr0.15MnO3. <i>Physical Review B</i> , 1997 , 56, 8138-8142	3.3	306
1937	Studies of Mn valence conversion and oxygen vacancies in La1aCaxMnO3a using electron energy-loss spectroscopy. 1997 , 70, 3362-3364		53
1936	Coupling between the ferroelectric and antiferromagnetic orders in YMnO3. <i>Physical Review B</i> , 1997 , 56, 2623-2626	3.3	443
1935	Particulate-free a-YBa2Cu3O7 lk/La0.5Sr0.5CoO3/a-YBa2Cu3O7 lk sandwiched thin film on (100) SrTiO3 fabricated by pulsed laser deposition with a shadow mask. 1997 , 33, 225-230		
1934	CMR films structure as a function of growth and processing. 1997 , 174, 455-463		20
1933	LaMnO3 perovskite thin film deposition, from aqueous nitrate solutions of La and Mn, in a low-pressure plasma expanded through a nozzle (PETN). 1997 , 303, 17-26		8
1932	Spiral state and persistent spin current in a system with strong Hund coupling. 1997 , 235, 403-407		10

1931	Oxygen isotope effects in the manganites and cuprates: Evidence for polaronic charge carriers. 1997 , 282-287, 202-205		3
1930	Large magnetoresistance in non-magnetic silver chalcogenides. 1997 , 390, 57-60		515
1929	Erratum: Synthesis of epothilones A and B in solid and solution phase. 1997 , 390, 100-100		1
1928	High levels of genetic change in rodents of Chernobyl. 1997 , 390, 100		16
1927	Not just a load of bolometers. 1997 , 390, 229-231		15
1926	Colossal magnetoresistance in Cr-based chalcogenide spinels. 1997 , 386, 156-159		363
1925	An X-ray-induced insulator thetal transition in a magnetoresistive manganite. 1997, 386, 813-815		415
1924	Large low-field magnetoresistance in La0.7Ca0.3MnO3 induced by artificial grain boundaries. 1997 , 387, 266-268		410
1923	Low-field magnetoresistance in the pyrochlore Tl2Mn2O7. 1997 , 389, 942-944		80
1922	Current switching of resistive states in magnetoresistive manganites. 1997 , 388, 50-52		917
1921	Controlled production of aligned-nanotube bundles. 1997 , 388, 52-55		690
1920	Colossal magnetoresistance of the Sm1N SrxMnO3 system. <i>Physics of the Solid State</i> , 1997 , 39, 1636-16	3 7.8	1
1919	Structural and magnetic properties of ion beam deposited nanocrystalline granular CoCu and CoCuO films. <i>Journal of Magnetism and Magnetic Materials</i> , 1997 , 165, 297-300	2.8	2
1918	Conductivity and magnetoresistance of La1\subsetsSrxMnO3 and La1\subsetsSrxMn1\summuMgyO3 single crystals. Journal of Magnetism and Magnetic Materials, 1997 , 165, 377-379	2.8	14
1917	Magnetic and transport properties of sputtered La0.67Ca0.33MnO3 thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 1997 , 165, 380-382	2.8	16
1916	Magnetic inhomogeneity and colossal magnetoresistance in manganese oxides. <i>Journal of Magnetism and Magnetic Materials</i> , 1997 , 167, 200-208	2.8	124
1915	Stress-induced effects in epitaxial (La0.7Sr0.3)MnO3 films. <i>Journal of Magnetism and Magnetic Materials</i> , 1997 , 172, 229-236	2.8	214
1914	Transport and fermiology of the ferromagnetic phase of (A = Ca, Sr, Ba). <i>Journal of Magnetism and Magnetic Materials</i> , 1997 , 172, 237-246	2.8	66

1913	Magnetoresistive measurements of sputtered Ni/Co multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1997 , 176, 134-138	2.8	6
1912	Ferromagnetism and thermoelectric power of La1.5Ca1.5Mn2O7. 1997 , 32, 595-601		12
1911	GIANT MAGNETORESISTANCE IN La0.6Pb0.4Mn(1\(\text{M}\))TixO3 FILMS: ENHANCEMENT OF MAGNETORESISTANCE DUE TO Ti4+ SUBSTITUTION IN Mn4+ SITES. 1997 , 32, 831-837		6
1910	High pressure synthesis and study of magnetic and transport properties of Pb-substituted manganites with perovskite structure. 1997 , 32, 1637-1642		16
1909	Pulsed laser deposition of electronic ceramics. 1997 , 121, 371-377		4
1908	Colossal magnetoresistance. 1997 , 9, 8171-8199		1326
1907	Microstructured magnetic tunnel junctions (invited). <i>Journal of Applied Physics</i> , 1997 , 81, 3741-3746	2.5	417
1906	Evidence of local lattice distortions in La1\(\mathbb{B}\)SrxMnO3 provided by pulsed neutron diffraction. Journal of Applied Physics, 1997 , 81, 5484-5486	2.5	32
1905	Low-frequency 1/f noise in oxide material with giant magnetoresistance behavior. 1997 , 42, 163-166		1
1904	Nonuniform metallic state in manganites and cuprates. 1997 , 10, 323-327		24
1903	MPa uniaxial pressure-induced giant lattice compression and change of electric and magnetic properties in perovskite La0.83Sr0.17MnO3. 1997 , 40, 1311-1316		
1902	The X-ray diffraction study of epitaxial La0.67Sr0.33MnO3 single crystal thin film. 1997 , 42, 1932-1936		4
1901	Field-induced conductivity changes in CMR manganites. 1997 , 49, 61-63		2
1900	Phonon effects in colossal magnetoresistance manganese oxides. 1997 , 230-232, 506-508		2
1899	Spin waves and other magnetic fluctuations in giant magnetoresistive perovskite manganites. 1997 , 234-236, 698-702		1
1898	Jahn-Teller effect and ferromagnetic ordering in La0.875Sr0.125MnO3: A reentrant behaviour. 1997 , 234-236, 856-858		48
1897	Conductance through a magnetic domain wall in double exchange system. 1997 , 237-238, 28-29		3
1896	From double exchange to superexchange in charge-ordering perovskite manganites. 1997 , 241-243, 418	3-420	5

1895	Lattice effect in the metal-insulator transition in CMR manganites. 1997, 241-243, 842-844	3
1894	Competition between charge ordering and ferromagnetism in manganese perovskites. 1997 , 241-243, 295-302	14
1893	Superconducting and magnetic properties of (La,Ca)MnO3/YBa2Cu3O7-Emultilayer films. 1997 , 282-287, 691-692	5
1892	Properties of multilayer samples with interface of superconducting YBa2Cu3O7 and ferromagnetic Pr0.7Sr0.3MnO3. 1997 , 282-287, 693-694	8
1891	Role of silver doping in oxygen incorporation of oxide thin film. 1997 , 45, 55-58	11
1890	Giant magnetoresistance and non-ohmic effects in La0.6Y0.07Ca0.33MnOx thin films. 1997 , 45, 122-125	1
1889	d-d spectra of transition metal oxides by effective crystal field method. 1997 , 119, 377-386	8
1888	Hall resistivity in ferromagnetic manganese-oxide compounds. 1997 , 224, 379-382	
1887	Electrical transport properties of bulk La1\(\mathbb{B}\)BaxCoO3 at low temperature. 1997 , 234, 384-390	13
1886	A simple model of the giant magnetoresistance in doped LaMnO3 perovskite. 1997 , 237, 90-94	6
1885	Atomic-level engineering of cuprates and manganites. <i>Applied Surface Science</i> , 1997 , 113-114, 189-197 6.7	29
1884	Influence of annealing conditions on the magnetoresistance of (La?Y?Ca) manganites. 1997, 101, 361-366	11
1883	Electronic band structure study of colossal magnetoresistance in Tl2Mn2O7. 1997 , 101, 417-421	24
1882	Interplay between spin, charge and orbital degrees of freedom in magnetic oxides. 1997 , 102, 87-99	211
1881	Role of grain boundaries in double exchange manganite oxides La1NAxMnO3 (A = Ba, Ca). 1997 , 102, 463-466	89
1880	The electronic structure of CaMnOx with 2.66 🏗 🖪 .00. 1997 , 103, 9-13	18
1879	Novel crossover from a metallic to an insulating ground-state in (La0.5Nd0.5)0.67Ca0.33MnO3 by increasing the oxygen mass. 1997 , 104, 57-61	47
1878	Effect of vacuum annealing on oxygen stoichiometry and resistivity of sol-gel derived La0.7Sr0.3MnO3Ifilms. 1997 , 104, 419-423	15

1877	Influence of a site local moments on ferromagnetic transition temperature in perovskite manganates. 1997 , 104, 713-716	
1876	Temperature and Time Dependence of AC Susceptibility and Resistivity of Perovskite-Type Compounds (La1 \square Smx)0.5Ca0.5MnO3 (x = 0, 0.1). 1997 , 161, 445-449	1
1875	Thermal History Dependent Electronic Transport and Magnetic Properties in Bulk La1/3Nd1/3Ca1/3MnO3. 1997 , 163, 141-147	5
1874	Synthesis and Characterization of Ln1᠒CdxMnO3᠒Ln = La, Nd) Perovskites. 1997 , 164, 821-825	6
1873	Elektronenstruktur von Mangan(III)-Verbindungen aus Hochfrequenz-EPR-Spektren. 1997 , 109, 2423-2426	19
1872	Structure and Properties of the Pr1⊠KxMnO3Perovskites (x=0Ū.15). 1997 , 132, 98-106	34
1871	Magnetic and Electrical Properties of Bi1⊠SrxMnO3: Hole-Doping Effect on Ferromagnetic Perovskite BiMnO3. 1997 , 132, 139-143	172
1870	Electrical Transport in Semiconducting (LaMn1⊠Tix)1Ф3(xФ.05). 1997 , 133, 466-472	30
1869	Direct Relationship between Magnetism and MnO6 Distortions in La1⊠CaxMnO3. 1998 , 80, 853-856	223
1868	Lattice effects in magnetoresistive manganese perovskites. 1998 , 392, 147-150	888
1867	Pairing of charge-ordered stripes in (La,Ca)MnO3. 1998 , 392, 473-476	578
1866	Electrically switchable mirrors and optical components made from liquid-crystal gels. 1998, 392, 476-479	302
1865	Direct evidence for a half-metallic ferromagnet. 1998 , 392, 794-796	1125
1864	A soft magnetic CoNiFe film with high saturation magnetic flux density and low coercivity. 1998 , 392, 796-798	317
1863	Metal-insulator transition induced by a magnetic field in the compounds Eu0.7 A 0.3MnO3 (A=Ca, Sr). <i>Physics of the Solid State</i> , 1998 , 40, 652-654	
1862	Atomic structure and transport and magnetic properties of the Sm1\(\mathbb{B}\) SrxMnO3 system. <i>Physics of the Solid State</i> , 1998 , 40, 1158-1162	1
1861	Microstructure of pair centers of Cr3+-Cr2+ ions in the KZnF3 crystal. 1998 , 87, 771-775	2
1860	Exchange transfer in high-nuclearity mixed valence magnetic clusters: Theoretical approach and expected manifestations. 1998 , 226, 231-251	6

1859	Electronic structure of ternary transition metal oxides and sulphides: X-ray photoelectron and X-ray emission spectroscopy study. 1998 , 88-91, 441-447		3	
1858	Spin fluctuations in La2/3Ca1/3MnO3 probed by 57Fe and 119Sn M\(\mathbb{B}\)sbauer spectroscopy. <i>Journal of Magnetism and Magnetic Materials</i> , 1998 , 177-181, 860-861	2.8	15	
1857	Lattice dynamics in colossal magnetoresistance manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 1998 , 177-181, 881-883	2.8	25	
1856	Spin-glass state in Y0.7Ca0.3MnO3. <i>Journal of Magnetism and Magnetic Materials</i> , 1998 , 182, L1-L4	2.8	29	
1855	Influence of 85MeV oxygen ion irradiation on magnetization behavior of micron-sized and nano-sized powders of strontium ferrite (SrFe12O19). <i>Journal of Magnetism and Magnetic Materials</i> , 1998 , 186, 342-348	2.8	47	
1854	Calculated magnetic and electronic properties of the double perovskites La2TIrO6 (T=Mn, Fe, Co). Journal of Magnetism and Magnetic Materials, 1998 , 187, 201-209	2.8	16	
1853	Giant magnetoresistance in mechanical alloyed La0.7Sr0.06Ca0.24MnO3 perovskite. <i>Journal of Magnetism and Magnetic Materials</i> , 1998 , 187, 237-241	2.8	24	
1852	Magnetoresistance effect in bulk samples of La0.67Ca0.33MnO3 under a low magnetic field. Journal of Magnetism and Magnetic Materials, 1998 , 188, 180-184	2.8	6	
1851	Influence of the grain-size and oxygen stoichiometry on magnetic and transport properties of polycrystalline La0.67Ca0.33MnO3—perovskites. <i>Journal of Magnetism and Magnetic Materials</i> , 1998 , 189, 321-328	2.8	77	
1850	Large Magnetoresistance Effects in Self-Doped La0.936Mn0.982O3Single Crystals. 1998 , 136, 322-327		27	
1849	The Synthesis and Properties of the Chemically Oxidized Perovskite, La1NSrxCoO3(0.5N0.9). 1998 , 139, 388-397		50	
1848	Structural and Morphological Changes Associated with Charge Ordering in La0.2Ca0.8MnO3. 1998 , 140, 331-336		9	
1847	Effects of Cationic Substitution on the Electronic and Magnetic Properties of Manganocuprate with a Layered Eu3Ba2Mn2Cu2O12Structure. 1998 , 141, 546-553		4	
1846	A phenomenological description of temperature dependence of magnetoresistance in La2/3Ca1/3MnO3-Æhin films. 1998 , 41, 308-312		2	
1845	Simultaneous observation of tunnel-type GMR and intrinsic CMR in nanometer perovskite. 1998 , 41, 967-973		3	
1844	Angle- and time-resolved mass spectrometric study on pulsed laser ablation of an La-Ca-Mn-O target. 1998 , 41, 1309-1314		2	
1843	Colossal magnetoresistance in Sol-Gel derived epitaxial thin film of Co-doped La1½CaxMnOx. 1998 , 27, 1-8		8	
1842	Percolation mechanism for colossal magnetoresistance. 1998 , 59, 297-303		21	

1841	An update on computational results for electronic models: the issue of pseudogaps in cuprates and phase separation in manganites. 1998 , 59, 1699-1704	2
1840	Effects of substrate materials and annealing temperature on crystal structure and epitaxy of La0.7Sr0.3MnO3 films via dipping-pyrolysis process. 1998 , 323, 99-104	17
1839	Fabrication of high valence Sr(Fe0.65Co0.35)O3 film by a pulsed laser ablation technique. 1998 , 326, 51-55	12
1838	Growth dependencies of epitaxial oxide thin films prepared by pulsed laser deposition. 1998 , 334, 82-86	3
1837	Pressure effects on the Curie temperature of the colossal magnetoresistance manganites. 1998 , 105, 41-46	4
1836	Magnetic entropy change in La0.75Ca0.25⊠SrxMnO3 perovskites. 1998 , 105, 89-92	48
1835	Magnetocaloric properties of Na-substituted perovskite-type manganese oxides. 1998 , 106, 55-58	60
1834	Electrical properties of La0.6Re0.1Ca0.3MnO3 (Re=Pr, Sm, Gd, Dy) at low temperature. 1998 , 106, 691-694	17
1833	Thermal hysteresis in magnetization and conductivity for polycrystalline La0.55Dy0.12Ca0.33MnO3. 1998 , 107, 55-58	7
1832	Interfacial tunneling and magnetoresistance in granular perovskite La0.82Sr0.18MnOz. 1998 , 107, 417-422	33
1831	Anomalous resistance behavior observed across the interface of superconducting YBa2Cu3O7 and ferromagnetic La0.7Ca0.3MnO3. 1998 , 108, 123-126	3
1830	Magnetic transitions in (La, Cs)CaMnD compounds. 1998, 108, 155-158	3
1829	Comparison of the low field magnetic behavior of Ln0.7Ca0.3MnO3 (Ln = La, Pr). 1998 , 108, 67-70	19
1828	Large irreversible magnetization arising from the domain freezing in La0.7Ca0.3MnO3 perovskite. 1998, 108, 661-665	15
1827	New synthesis of polycrystalline La0.7(SrxCa1☑)0.3MnO3 by mechanical alloying. 1998 , 108, 867-871	5
1826	Characterization of laser ablated species from a LaCaMnD target by angle- and time-resolved mass spectrometry. 1998 , 178, 205-212	16
1825	Magnetic and electrical properties of strained (La0.5Sr0.5)CoO3/SrTiO3 and unstrained (La0.5Sr0.5)CoO3/CaTiO3 artificial lattices. 1998 , 245, 301-305	11
1824	Magnetic-field-induced collapse of charge ordering and its bandwidth dependence in R1/2Ca1/2MnO3 (R=Pr, Nd and Sm). 1998 , 246-247, 491-494	7

1823	Effect of the magnetic field on the spin, charge and orbital ordered states in perovskite-type manganese oxides. 1998 , 246-247, 135-140		3
1822	Magnetic and electronic properties of the magnetoresistive perovskites La0.67⊠BixCa0.33MnO3. 1998 , 253, 103-110		13
1821	Pulsed laser deposition of La2/3Ca1/3MnO3 films at low oxygen pressures. 1998 , 53, 272-277		10
1820	Fe3O4/SrTiO3/La0.7Sr0.3MnO3 heterostructure: growth and properties 1998 , 56, 134-139		13
1819	Effects of miscut of the SrTiO3 substrate on microstructures of the epitaxial SrRuO3 thin films. 1998 , 56, 152-157		27
1818	Low temperature processing of epitaxial La1\(\mathbb{L}\)CaxMnO3 thin films by pulsed laser deposition. <i>Applied Surface Science</i> , 1998 , 127-129, 491-495	6.7	9
1817	Pulsed laser deposition as a materials research tool. <i>Applied Surface Science</i> , 1998 , 127-129, 507-513	6.7	19
1816	Mass and velocity distributions of laser ablated species ejected from a colossal magnetoresistant Pr0.67Sr0.33MnO3 target. <i>Applied Surface Science</i> , 1998 , 136, 206-212	6.7	8
1815	Magnetic inhomogeneity in colossal magnetoresistive La0.67Ca0.33MnO3lperovskite ceramics. 1998 , 108, 241-247		17
1814	Excitation energy dependence of X-ray emission spectra and electronic structure of Eu1\(\text{LCaxMnO3}. \) 1998, 96, 187-194		7
1813	Growth of oriented, single phase La1\(\mathbb{R}\)CaxMnO3 thin films by physical vapor codeposition. 1998 , 37, 21-26		1
1812	Transport properties, magnetic ordering, and hyperfine interactions in Fe-doped La0.75Ca0.25MnO3: Localization-delocalization transition. <i>Physical Review B</i> , 1998 , 57, 7841-7845	3.3	139
1811	Percolation mechanism for colossal magnetoresistance. 1998 , 10, 225-229		2
1810	Physical properties and giant magnetoresistance in RNiSb compounds. <i>Journal of Alloys and Compounds</i> , 1998 , 265, 42-48	5.7	49
1809	Colossal and constant magnetoresistance over a large temperature range between 230 and 4.2 K in La0.8Li0.2MnO3 prepared by a partial melting technique. <i>Journal of Alloys and Compounds</i> , 1998 , 270, L10-L12	5.7	5
1808	Ferromagnetic Kondo model for manganites: Phase diagram, charge segregation, and influence of quantum localized spins. <i>Physical Review B</i> , 1998 , 58, 6414-6427	3.3	183
1807	Effect of surface phonons on the properties of the granular manganese oxide La0.67Ca0.33MnO3. <i>Physical Review B</i> , 1998 , 58, 8613-8616	3.3	40
1806	High-magnetic-field study of the phase transitions of R1⊠CaxMnO3 (R=Pr, Nd). <i>Physical Review B</i> , 1998 , 57, 5259-5264	3.3	297

1805	Effect of lanthanide ions on the magnetotransport properties in layered Sr1.6R1.4Mn2O7 (R=La,Pr,Nd,Gd). <i>Physical Review B</i> , 1998 , 57, 10740-10744	43
1804	Magnetic dynamics in colossal magnetoresistive perovskite manganites. 1998 , 356, 1563-1575	3
1803	Structure, Magnetism, and Properties of Ruddlesden P opper Calcium Manganates Prepared from Citrate Gels. 1998 , 10, 3643-3651	92
1802	Perovskite manganites as spin@hargeBrbital coupled systems. 1998 , 356, 1481-1491	2
1801	Phase Separation Induced by Orbital Degrees of Freedom in Models for Manganites with Jahn-Teller Phonons. 1998 , 81, 5612-5615	187
1800	Magnetotransport and magnetocaloric properties of La0.55Er0.05Ca0.4MnO3. <i>Journal of Applied Physics</i> , 1998 , 84, 3798-3801	8
1799	Static and dynamical properties of the ferromagnetic Kondo model with direct antiferromagnetic coupling between the localized t2g electrons. <i>Physical Review B</i> , 1998 , 58, 6403-6413	91
1798	Bandwidth control of the spin diffusion through interfaces and the electron-phonon coupling in magnetoresistive manganites. 1998 , 356, 1577-1591	25
1797	k-Dependent Electronic Structure, a Large ChostFermi Surface, and a Pseudogap in a Layered Magnetoresistive Oxide. 1998 , 81, 192-195	183
1796	Manganite-based devices: opportunities, bottlenecks and challenges. 1998 , 356, 1661-1680	89
1795	Anomalous magnetic behavior in single-crystal La0.9Sr0.1MnO3. <i>Physical Review B</i> , 1998 , 58, 8206-8209 3.3	20
1794	ALaMn2O6-y (A = K, Rb): Novel Ferromagnetic Manganites Exhibiting Negative Giant Magnetoresistance. 1998 , 10, 1436-1439	8
1793	Magnetoresistance of artificial La0.7Sr0.3MnO3 grain boundaries as a function of misorientation angle. 1998 , 72, 2038-2040	120
1792	Doping-induced transition from double exchange to charge order in La1\(\mathbb{R}\)CaxMnO3 near x=0.50. Physical Review B, 1998 , 58, 5185-5188	61
1791	Scanning tunnelling microscopic and spectroscopic investigation of the microstructural and electronic properties of the grain boundaries of giant magnetoresistive manganites. 1998 , 10, 10795-10804	10
1790	Magnetic and transport properties of radiation damaged La0.7Ca0.3MnO3.0 thin films. <i>Journal of Applied Physics</i> , 1998 , 83, 7070-7072	22
1789	Magnetoresistive La0.83Sr0.17MnO3 Ceramics by DAAS Technique. 1998 , 10, 1374-1381	10
1788	Electronic Properties of Mixed Valence Manganates: the Role of the Cationic Vacancies. 1998 , 10, 1569-1575	18

1787	Pressure effects on the transport and magnetic properties of La1.4Sr1.6Mn2O7. <i>Physical Review B</i> , 1998 , 58, 12224-12229	3.3	25
1786	Huge anisotropic magnetostriction in La1 \square SrxCoO3 \square (x>~0.3): Field-induced orbital instability. <i>Physical Review B</i> , 1998 , 57, R3217-R3220	3.3	85
1785	Spectroscopic Characterization of Laser-Ablated Plume from a LaCaMnD Target in an O2 Ambient. 1998 , 52, 1154-1159		7
1784	Optical probe of anisotropic and incoherent charge dynamics in a layered ferromagnet: La1.2Sr1.8Mn2O7. <i>Physical Review B</i> , 1998 , 57, R8079-R8082	3.3	55
1783	139La NMR in lanthanum manganites: Indication of the presence of magnetic polarons from spectra and nuclear relaxations. <i>Physical Review B</i> , 1998 , 57, 1024-1034	3.3	68
1782	JAHN-TELLER PHENOMENA IN SOLIDS. 1998 , 28, 1-27		196
1781	Magnetoelastic coupling and magnetic anisotropy in La0.67Ca0.33MnO3 films. 1998, 72, 1775-1777		142
1780	Magnetic anisotropy of doped manganite thin films and crystals. <i>Journal of Applied Physics</i> , 1998 , 83, 7064-7066	2.5	97
1779	Colossal Magnetoresistance Manganite Perovskites: 'Relations between Crystal Chemistry and Properties. 1998 , 10, 2641-2652		202
1778	Quantifying strain dependence in Bolossall magnetoresistance manganites. <i>Journal of Applied Physics</i> , 1998 , 83, 1588-1591	2.5	376
1777	A comparative study of ferromagnetic transition temperatures for some perovskite manganates. 1998 , 10, 1387-1392		2
1776	Thermal activation and ac-field-induced discontinuous domain jumps in perovskite La0.7Ca0.3MnO3. <i>Physical Review B</i> , 1998 , 58, 2434-2437	3.3	8
1775	Evidence for Jahn - Teller polaron formation and spin-cluster-assisted variable-range-hopping conduction in. 1998 , 10, L269-L275		43
1774	Quantum effects in double-exchange systems. 1998 , 10, 5421-5431		9
1773	Correlation between magnetic homogeneity, oxygen content, and electrical and magnetic properties of perovskite manganite thin films. 1998 , 73, 2672-2674		95
1772	Anomalous low-temperature specific heat of charge-ordered La0.5Ca0.5MnO3. <i>Physical Review B</i> , 1998 , 58, R14725-R14728	3.3	39
1771	Ordered stack of spin valves in a layered magnetoresistive perovskite. <i>Physical Review B</i> , 1998 , 58, R14	1693 , R1	14 69 6
1770	Enhanced field sensitivity in the transverse magnetoresistance of thin epitaxial films of. 1998 , 31, L1-L	.5	9

1769	1998 , 58, 14139-14142	3.3	3
1768	Novel magnetic phases in : a neutron diffraction study. 1998 , 10, 4045-4055		26
1767	Investigation of granular films composed of interdispersed La1/3Ca2/3MnO3 particles and metallic Au particles. <i>Journal of Applied Physics</i> , 1998 , 83, 7067-7069	2.5	2
1766	Positive giant magnetoresistance in a Fe3O4/SrTiO3/La0.7Sr0.3MnO3 heterostructure. 1998 , 73, 689-6	91	107
1765	Phase Separation in Electronic Models for Manganites. 1998, 80, 845-848		45 ⁰
1764	SPIN-DEPENDENT TRANSPORT AND LOW-FIELD MAGNETORESISTANCE IN DOPED MANGANITES. 1998 , 28, 45-78		40
1763	Critical Phenomena in the Double-Exchange Ferromagnet La0.7Sr0.3MnO3. 1998, 81, 4740-4743		280
1762	Structure and spin dynamics of La0.85Sr0.15MnO3. <i>Physical Review B</i> , 1998 , 58, 14913-14921	3.3	71
1761	Optical conductivity of manganites: Crossover from Jahn-Teller small polaron to coherent transport in the ferromagnetic state. <i>Physical Review B</i> , 1998 , 58, 16093-16102	3.3	201
1760	Magnetic and transport properties of Mn oxides films. 1998 , 31, 643-648		10
1760 1759	Magnetic and transport properties of Mn oxides films. 1998, 31, 643-648 Magnetic Properties at Surface Boundary of a Half-Metallic Ferromagnet La0.7Sr0.3MnO3. 1998, 81, 1953-1956		10
,	Magnetic Properties at Surface Boundary of a Half-Metallic Ferromagnet La0.7Sr0.3MnO3. 1998 ,	3.3	
1759	Magnetic Properties at Surface Boundary of a Half-Metallic Ferromagnet La0.7Sr0.3MnO3. 1998 , 81, 1953-1956 Probing anisotropic magnetotransport in manganese perovskites using Raman spectroscopy.	3-3	426
1759 1758	Magnetic Properties at Surface Boundary of a Half-Metallic Ferromagnet La0.7Sr0.3MnO3. 1998, 81, 1953-1956 Probing anisotropic magnetotransport in manganese perovskites using Raman spectroscopy. Physical Review B, 1998, 58, R10115-R10118 Lattice effects in La1\(\text{LaxMnO3} \) (x=0->1): Relationships between distortions, charge distribution,		426
1759 1758 1757	Magnetic Properties at Surface Boundary of a Half-Metallic Ferromagnet La0.7Sr0.3MnO3. 1998, 81, 1953-1956 Probing anisotropic magnetotransport in manganese perovskites using Raman spectroscopy. Physical Review B, 1998, 58, R10115-R10118 Lattice effects in La1⊠CaxMnO3 (x=0->1): Relationships between distortions, charge distribution, and magnetism. Physical Review B, 1998, 57, 10440-10454 Midgap states of La1⊠CaxMnO3: Doping-dependent optical-conductivity studies. Physical Review B	3.3	426 21 127
1759 1758 1757 1756	Magnetic Properties at Surface Boundary of a Half-Metallic Ferromagnet La0.7Sr0.3MnO3. 1998, 81, 1953-1956 Probing anisotropic magnetotransport in manganese perovskites using Raman spectroscopy. Physical Review B, 1998, 58, R10115-R10118 Lattice effects in La1\(\mathbb{L}\)CaxMnO3 (x=0->1): Relationships between distortions, charge distribution, and magnetism. Physical Review B, 1998, 57, 10440-10454 Midgap states of La1\(\mathbb{L}\)CaxMnO3: Doping-dependent optical-conductivity studies. Physical Review B, 1998, 57, R11043-R11046 Raman and optical spectroscopic studies of small-to-large polaron crossover in the perovskite	3.3	426 21 127 95
1759 1758 1757 1756 1755	Magnetic Properties at Surface Boundary of a Half-Metallic Ferromagnet La0.7Sr0.3MnO3. 1998, 81, 1953-1956 Probing anisotropic magnetotransport in manganese perovskites using Raman spectroscopy. Physical Review B, 1998, 58, R10115-R10118 Lattice effects in La1\(\mathbb{R}\)CaxMnO3 (x=0->1): Relationships between distortions, charge distribution, and magnetism. Physical Review B, 1998, 57, 10440-10454 Midgap states of La1\(\mathbb{R}\)CaxMnO3: Doping-dependent optical-conductivity studies. Physical Review B, 1998, 57, R11043-R11046 Raman and optical spectroscopic studies of small-to-large polaron crossover in the perovskite manganese oxides. Physical Review B, 1998, 58, 2795-2801	3.3	426 21 127 95 161

1751	Thinfilm trilayer manganate junctions. 1998 , 356, 1693-1712	28
1750	A study on transport and electron paramagnetic resonance in. 1998 , 31, 3036-3039	10
1749	Optical Properties of the Half-Metallic La3/4Ca1/4MnO3. 1998 , 12, 3359-3364	1
1748	Colossal magnetoresistance and relaxation phenomena. 1998 , 10, 9769-9782	5
1747	Study on the magnetic structure in lightly doped manganese oxides. 1998 , 10, L521-L525	1
1746	Spin-dependent interfacial tunneling and magnetoresistance in the family of granular perovskite La $1-x$ Sr x MnO 3 . 1998 , 7 , $361-367$	
1745	A discrete variational method study on the electronic structures of CaMnO 3 and LaMnO 3. 1998 , 7, 851-863	1
1744	Magnetoresistance, special heat and ac magnetic susceptibility in La 1- \times Ca \times MnO 3 system. 1998 , 7, 919-924	
1743	Magnetic ground states of a layered manganite crystal. 1998 , 10, 9747-9754	1
1742	Hybridization model for a pair of intermediate valence manganese impurities. 1998 , 10, 10249-10261	Ο
1741	Exact solution for a one-dimensional multichannel model of correlated electrons with an Anderson-like impurity. 1998 , 31, 1981-1987	6
1740	Grain size dependent magnetism in granular manganese perovskite La 0.82 Sr 0.18 MnO z. 1998 , 7, 757-763	
1739	Infrared transmittance spectra of the granular perovskite. 1998 , 10, 4315-4322	25
1738	Phase transitions in. 1998 , 31, 368-370	1
1737	Synthesis of high-temperature superconductive and colossal magnetoresistive surfaces on insulating particles. 1998 , 72, 1451-1453	6
1736	Effect of oxygen stoichiometry on the electrical property of thin film La0.5Sr0.5CoO3 prepared by pulsed laser deposition. <i>Journal of Applied Physics</i> , 1998 , 84, 5560-5565	30
1735	Isotope effect and Tc in manganites and high Tc oxides. <i>Journal of Applied Physics</i> , 1998 , 83, 7357-7359 2.5	4
1734	Effects of inhomogeneous oxygen content in (La,Gd)0.7Ca0.3MnO3+perovskites. 1998 , 72, 3208-3210	49

1733	Tunneling and enhanced magnetoresistance in Nd2/3Sr1/3MnO3 thin films with microcracks. 1998 , 73, 402-404		20	
1732	90 MeV 16O ion irradiation effects on transport and magnetization in epitaxial thin films of La0.75Ca0.25MnO3. <i>Journal of Applied Physics</i> , 1998 , 83, 7174-7176	2.5	24	
1731	Influence of strain and microstructure on magnetotransport in La0.7Ca0.3MnO3 thin films. <i>Journal of Applied Physics</i> , 1998 , 84, 3939-3948	2.5	71	
1730	Tight-binding coherent potential approximation study of ferromagnetic La2/3Ba1/3MnO3. <i>Physical Review B</i> , 1998 , 57, 12751-12756	3.3	29	
1729	Phase diagram of the double exchange model. <i>Physical Review B</i> , 1998 , 58, 8186-8189	3.3	6	
1728	Composite polaron mechanism for colossal magnetoresistance in perovskite manganites. <i>Journal of Applied Physics</i> , 1998 , 83, 7363-7365	2.5	17	
1727	Thermopower and anomalous heat transport in La0.85Sr0.15MnO3. <i>Physical Review B</i> , 1998 , 57, R5571	-R ₃ 53574	1 38	
1726	Colossal magnetoresistance in La1\(\mathbb{R}\)LixMnO3. Journal of Applied Physics, 1998 , 83, 7177-7179	2.5	54	
1725	Polarization dependence of anomalous x-ray scattering in orbital-ordered manganites. <i>Physical Review B</i> , 1998 , 58, 13442-13451	3.3	54	
1724	Magnetotransport anisotropy effects in epitaxial magnetite (Fe3O4) thin films. <i>Physical Review B</i> , 1998 , 57, 7823-7828	3.3	144	
1723	Electron correlation and Jahn-Teller interaction in manganese oxides. <i>Physical Review B</i> , 1998 , 57, R676	67 5 1 5 67	70 5	
1722	Oxygen isotope effects in (La0.5Nd0.5)2/3Ca1/3MnO3: Relevance of the electron-phonon interaction to the phase segregation. <i>Physical Review B</i> , 1998 , 57, 7446-7449	3.3	74	
1721	Magnetoresistance in Mn Pyrochlore: Electrical Transport in a Low Carrier Density Ferromagnet. 1998 , 81, 1314-1317		78	
1720	Evolution of the Low-Frequency Spin Dynamics in Ferromagnetic Manganites. 1998 , 80, 4012-4015		156	
1719	Monte Carlo simulations for the magnetic phase diagram of the double-exchange Hamiltonian. <i>Physical Review B</i> , 1998 , 58, 3286-3292	3.3	48	
1719		3.3	48 59	
	Physical Review B, 1998, 58, 3286-3292 Magneto-optical Kerr effects in perovskite-type transition-metal oxides: La1\subseteq SrxMnO3 and			

1715	Incongruent transfer related to surface segregation in pulsed-laser-deposited LallaMnD films. 1998, 73, 2745-2747	14
1714	Wigner crystal in the manganese oxides R1\(\mathbb{R}\)AxMnO3. <i>Physical Review B</i> , 1998 , 57, 5265-5270 3.3	16
1713	High-field magnetotransport properties of La2/3Sr1/3MnO3 and Nd2/3Sr1/3MnO3 systems. Physical Review B, 1998, 57, 10256-10259 3-3	17
1712	Interplay of charge and orbital ordering in manganese perovskites. <i>Physical Review B</i> , 1998 , 58, 3697-37033	50
1711	Structural changes, clustering, and photoinduced phase segregation in Pr0.7Ca0.3MnO3. <i>Physical Review B</i> , 1998 , 57, 3305-3314	228
1710	Orbital polarization in manganese oxides. <i>Physical Review B</i> , 1998 , 57, R13993-R13996 3.3	128
1709	Observation of dynamic annealing effects in oxide single crystals after high-dose 18O+ implantation at 500 °C. <i>Physical Review B</i> , 1998 , 57, 5668-5673	5
1708	EluxIState in the Double-Exchange Model. 1998, 81, 5604-5607	46
1707	Disorder effects in epitaxial thin films of (La,Ca)MnO3. 1998 , 72, 2975-2977	90
1706	Magnetoresistance of Chromium Dioxide Powder Compacts. 1998 , 80, 3815-3818	342
1705	Tunneling-like magnetoresistance in bicrystal La0.8Sr0.2MnO3Ehin films. 1998, 73, 2506-2508	82
1704	Large low-field magnetoresistance over a wide temperature range induced by weak-link grain boundaries in La0.7Ca0.3MnO3. 1998 , 73, 396-398	120
1703	Evolution of Spectral Function in a Doped Mott Insulator: Surface vs Bulk Contributions. 1998 , 80, 2885-2888	81
1702	First Order Nucleation of Charge Ordered Domains in La0.5Ca0.5MnO3 Detected by L139a and M55n NMR. 1998 , 81, 4736-4739	135
1701	Resonant X-Ray Scattering from Orbital Ordering in LaMnO3. 1998 , 81, 582-585	549
1700	The special magnetoresistive effect in trilayered films made of manganite perovskites. 1998 , 72, 2475-2477	20
1699	Low field magnetotransport in La0.7Sr0.3MnO3 films. <i>Journal of Applied Physics</i> , 1998 , 83, 7157-7159 2.5	17
1698	Effect of crystallinity on the magnetoresistive properties of La0.8MnO3Ithin films grown by chemical vapor deposition. 1998 , 73, 999-1001	56

1697	Local structure at the manganese site in mixed-valence manganites. <i>Physical Review B</i> , 1998 , 57, 748-75	543.3	44
1696	Magnetoresistance behavior in La0.7CaxMnO3 (x=0, 0.2, and 0.3) thin films. <i>Physical Review B</i> , 1998 , 58, 8182-8185	3.3	16
1695	Oxygen-isotope effect of the paramagnetic-insulating to ferromagnetic-metallic transition in La1\(\text{La1}\(\text{CaxMnO3}. \) Physical Review B, 1998 , 58, 5189-5192	3.3	59
1694	Dynamical mean-field solution for a model of metal-insulator transitions in moderately doped manganites. <i>Physical Review B</i> , 1998 , 58, 15310-15313	3.3	6
1693	Large magnetoresistance effect in as-grown epitaxial LaxCa1⊠MnO3 films prepared by a molecular beam epitaxy coevaporation technique. 1998 , 16, 1268-1271		4
1692	Tunneling magnetoresistance in mixed-valence manganite tunnel junctions. <i>Physical Review B</i> , 1998 , 58, 54-57	3.3	39
1691	Hybridization impurity model for Mn ions. II. <i>Physical Review B</i> , 1998 , 58, 3160-3166	3.3	8
1690	Hybridization impurity model for Mn ions. <i>Physical Review B</i> , 1998 , 57, 10630-10637	3.3	2
1689	Effect of cation vacancies in the local structure and transport properties of LaMnO3+EA Mn K-edge x-ray-absorption study. <i>Physical Review B</i> , 1998 , 58, 9287-9293	3.3	29
1688	Pseudogaps, Jahn-Teller distortions, and magnetic order in manganite perovskites. <i>Physical Review B</i> , 1998 , 57, 88-91	3.3	78
1687	Diagonalization in reduced Hilbert spaces using a systematically improved basis: Application to spin dynamics in lightly doped ladders. <i>Physical Review B</i> , 1998 , 58, 12063-12070	3.3	10
1686	Double-exchange model with background superexchange interactions: Phase diagrams of La1NAxMnO3 manganites. <i>Physical Review B</i> , 1998 , 58, 11123-11126	3.3	19
1685	Magnetic homogeneity of colossal-magnetoresistance thin films determined by alternating current magnetic susceptibility. 1998 , 73, 3456-3458		24
1684	Phase diagram of manganese oxides. <i>Physical Review B</i> , 1998 , 58, 11583-11596	3.3	202
1683	Large low-field magnetoresistance in Na0.5Ca0.5Cu2.5Mn4.5O12, a perovskitelike oxide with hetero-magnetic-ion coupling. <i>Physical Review B</i> , 1998 , 58, R595-R598	3.3	8
1682	Magnetic properties of doped manganates.		
1681	Hall effect of the colossal magnetoresistance manganite La1⊠CaxMnO3. <i>Physical Review B</i> , 1998 , 57, 10248-10251	3.3	133
1680	Strain-induced large low-field magnetoresistance in Pr0.67Sr0.33MnO3 ultrathin films. 1998 , 73, 2360-	2362	97

1679	Ultrafast Laser Induced Conductive and Resistive Transients in La0.7Ca0.3MnO3: Charge Transfer and Relaxation Dynamics. 1998 , 81, 1310-1313		66
1678	Stress effect and enhanced magnetoresistance in La0.67Ca0.33MnO3IFilms. <i>Physical Review B</i> , 1998 , 58, 14143-14146	3	17
1677	Direct Observation of Charge and Orbital Ordering in La0.5Sr1.5MnO4. 1998 , 80, 1932-1935		503
1676	Local Lattice Effects in the Layered Manganite La1.4Sr1.6Mn2O7. 1998 , 80, 3811-3814		34
1675	Neutron-powder-diffraction study of the magnetic and structural properties of Pr0.6(Ca1\subsetension Srx)0.4MnO3 (0. <i>Physical Review B</i> , 1998 , 58, 8694-8703	3	27
1674	Competition between lattice distortion and charge dynamics for the charge carriers of double-layered manganites. <i>Physical Review B</i> , 1998 , 58, R13330-R13333	3	53
1673	Electrical conduction behaviour in -type below room temperature. 1998 , 31, 794-799		24
1672	p-Wave Pairing and Colossal Magnetoresistance in Manganese Oxides. 1998 , 12, 507-518		3
1671	Phase Separation in Models for Manganites. 1998 , 12, 3369-3371		2
1670	Uniaxial Pressure Effects on Lattice and Magnetic Transport Property inLa0.82Sr0.18MnO3. 1998 , 12, 247-255		1
1669	Charge ordered state and giant magnetoresistance in (R = Y, Dy, Gd, Sm, Nd). 1998 , 10, L199-L205		2
1668	Electrical Resistivity of Eu-Rich EuO Thin Films. 1998 , 37, L787-L788		4
1667	Colossal magnetoresistance manganites: a laboratory for electronphonon physics. 1998 , 356, 1473-1480		18
1666	Transmission electron microscopy and x-ray structural investigation of La0.7Ca0.3MnO3 thin films. 1998 , 13, 2161-2169		32
1665	Electronic and magnetic properties of. 1998 , 10, 8477-8484		10
1664	The effect of Mn-site doping on the magnetotransport properties of CMR manganites. 1998 , 356, 1635-16	559	55
1663	Cobalt valence and crystal structure of La0.5Sr0.5CoO2.25. 1998 , 77, 49-65		45
1662	Growth and small polaron properties of epitaxial La1\(\mathbb{R}\)CaxMnO3 thin films. <i>Journal of Applied Physics</i> , 1998 , 83, 5913-5916	5	19

1661	Nanoscale controlled growth and domain structure of epitaxial ferromagnetic conductive oxide SrRuO 3 thin films. 1998 , 3481, 317	
1660	Colossal magnetoresistance in polycrystalline Pr1-x Ba x MnO3 compounds. 1998 , 147, 93-100	3
1659	Differences in properties of thin films of La 0.73 Ca 0.27 MnO 3 grown on SrTiO 3 or LaAlO 3 by sputter deposition. 1998 ,	3
1658	Gradually Varying Intermediate Valence of Fe in La1-x CaxFeO3. 1998 , 547, 51	
1657	Low-Temperature Multistep Topotactic Routes to New Mixed-Valence Perovskites. 1998 , 547, 99	1
1656	Magnetoresistance. 1999 ,	
1655	Magnetoresistance in La/sub 0.8/Sr/sub 0.2/MnO/sub 3-/spl delta// biepitaxial grain boundary junction. 1999 , 35, 2871-2873	4
1654	Magnetic Field-Induced Insulator-to-Metal Transition in Perovskite Manganites Eu1-xSrxMnO3. 1999 , 68, 1485-1487	13
1653	Large low-field magnetoresistance observed in heterostructure multilayers. 1999 , 32, 90-93	8
1652	Large Low-Field Magnetoresistance Observed in Polycrystalline La 0.7 Ca 0.3 MnO 3 Films. 1999 , 16, 59-61	1
1651	Ultrasonic anomalies in La0.67Ca0.33Mn1-xZnxO3perovskites. 1999 , 11, 8505-8510	15
1650	Substrate-Dependent Microstructure and Magnetoresistance of LaBrMnD Thin Films Grown by RF Sputtering. 1999 , 38, 56-60	28
1649	Uniaxial Compressive Property of the Lattice of Colossal Magnetoresistance Perovskite Compound La 1- x Sr x MnO 3. 1999 , 16, 38-40	1
1648	Colossal Magnetoresistance Without Double Exchange Mechanism in Spinel FeCr 2 S 4. 1999 , 16, 532-534	6
1647	Evidence of relaxation of Jahn-Teller polarons aboveTCin La1-xSrxMnO3(0.1. 1999 , 11, 5845-5853	7
1646	Mean-field theory of charge ordering and phase transitions in the colossal-magnetoresistive manganites. 1999 , 11, 8561-8578	15
1645	Theory of colossal magnetoresistance in manganites. 1999 , 11, 4539-4555	13
1644	Double exchange-related interfacial tunneling and the corresponding giant magnetoresistance in granular La1\(\text{La1}\text{SrxMnO3} \) perovskites. 1999 , 17, 1050	5

1643	Core-level and valence band photoemission study of perovskite oxide powders synthesized by mechanically and thermally activated solid-state reaction. 1999 , 11, 3387-3393		7
1642	On the nature of grain boundaries in the colossal magnetoresistance manganites. 1999 , 47, 371-377		112
1641	Synthesis and Properties of Chemically Modified Polycarbosilane Containing Organofluoric Groups. 1999 , 14, 1353-1358		2
1640	The Oxygen Mobility and Catalytic Activity of LaMO3-[M=Cr, Mn, Co) Phases. 1999 , 602, 377		1
1639	Chapter 4 Magnetocaloric effect in the vicinity of phase transitions. 1999 , 395-524		106
1638	Processing Magnetoresistive Thin Films Via Chemical Solution Deposition. 1999 , 14, 1337-1342		12
1637	Microcharacterization of liquid delivery metalorganic chemical vapor deposition processed thin film materials exhibiting giant magnetoresistance. 1999 , 14, 2007-2011		2
1636	Charge carrier localization in investigated by ac conductivity measurements. 1999 , 11, 3273-3290		77
1635	Pseudogap Formation in Models for Manganites. 1999 , 83, 2773-2776		82
1634	Observation of colossal positive and negative magnetoresistance in perovskite-type manganese oxide Nd 0.67 Ca 0.33 MnO 3. 1999 , 47, 487-493		17
1633	Ordered Surface Structure in La1⊠CaxMnO3 Films. 1999 , 82, 362-365		26
1632	Temperature dependence of tunneling magnetoresistance in manganite tunnel junctions. <i>Physical Review B</i> , 1999 , 60, 4235-4239	3.3	16
1631	Low-Temperature Resistivity in a Nearly Half-Metallic Ferromagnet. 1999 , 82, 4276-4279		31
1630	Monte Carlo study of the magnetic phase diagram of a double-exchange model with the background superexchange interaction. <i>Physical Review B</i> , 1999 , 60, 6250-6253	3.3	7
1629	Theory of ferromagnetic metal to paramagnetic insulator transition in R1⊠AxMnO3. <i>Physical Review B</i> , 1999 , 59, 13550-13553	3.3	8
1628	Study of La-deficient La1-x?xMnO3- Φ erovskites with giant magnetoresistance in the composition x = 0.2. 1999 , 68, 399-410		8
1627	Interplay between Charge Order, Magnetism, and Structure in La0.875Sr0.125MnO3. 1999 , 82, 185-188		119
1626	Direct Observation of Small-Polaron Ordering in Manganites. 1999 , 82, 2386-2389		28

Conductance as a function of temperature in the double-exchange model 59, 4170-4175	l. Physical Review B, 1999 ,	3.3	27
1624 Colossal magneto-optical conductivity in doped manganites. <i>Physical Rev</i>	iew B, 1999 , 60, 6215-6218	3.3	20
Coulomb-correlated band structure of one-dimensional spin-Peierls 🗄 ? Na 1999, 59, 5333-5340	V2O5. Physical Review B,	3.3	18
Effect of disorder produced by cationic vacancies at the B sites on the elemixed valence manganites. <i>Physical Review B</i> , 1999 , 60, 1127-1135	ectronic properties of	3.3	38
Influence of parameters U and J in the LSDA+U method on electronic structure LaMO3(M=Cr,Mn,Fe,Co,Ni). <i>Physical Review B</i> , 1999 , 60, 15674-15682	ıcture of the perovskites	3.3	96
Isotope and pressure effects in manganites: Important experimental cons manganites. <i>Physical Review B</i> , 1999 , 60, 11914-11917	straints on the physics of	3.3	23
1619 Giant magneto-impedance effects in manganite oxides. 1999 ,			
Optical study of Pr1\(\mathbb{R}\)CaxMnO3(x=0.4) in a magnetic field: Variation of ele charge ordering and disordering phase transitions. <i>Physical Review B</i> , 199		3.3	84
Effect of oxygen content on the structural, transport, and magnetic properties. <i>Journal of Applied Physics</i> , 1999 , 86, 6327-6330	erties of La1Mn1D3	2.5	14
Static and dynamical strain control of ferromagnetism in (La0.5Sr0.5)CoO lattices. <i>Physical Review B</i> , 1999 , 60, 14163-14171	3/(Ba,Sr,Ca)TiO3 artificial	3.3	8
Correlation between coherent Jahn-Teller distortion and magnetic spin o La1\(\mathbb{B}\) SrxMnO3. <i>Physical Review B</i> , 1999 , 60, 10186-10192	rientation in	3.3	33
Electron-spin-resonance line broadening around the magnetic phase tran <i>Physical Review B</i> , 1999 , 60, 11922-11925	sition in manganites.	3.3	45
Temperature-dependent resonant photoemission study of the metallic are of Pr1\(\mathbb{B}\)SrxMnO3. <i>Physical Review B</i> , 1999 , 60, 13257-13260	nd charge-ordered phases	3.3	15
Tunneling magnetoresistance at up to 270 K in La0.8Sr0.2MnO3/SrTiO3/L with 1.6-nm-thick barriers. 1999 , 74, 290-292	.a0.8Sr0.2MnO3 junctions		106
1611 Two ferromagnetic phases in La1⊠SrxMnO3 (x~1/8). <i>Physical Review B</i> , 19	99 , 60, 4142-4148	3.3	69
Swift heavy ion irradiation effects on transport properties of epitaxial thi MnO3. 1999 , 147, 187-197	n films of La1-x Ca x		36
1609 Ferromagnetism at room temperature in La0.8Ca0.2MnO3 thin films. 199	9 , 74, 1886-1888		43
1608 Hydrostatic pressure effect in La1\(\mathbb{U}\)CaxMnO3. Journal of Applied Physics, 1	1 999 , 85, 5426-5428	2.5	3

1607 En	hanced magnetoresistance effect in layered systems. 1999 , 75, 2307-2309		12
	omic structure, magnetism, and transport properties of damaged La0.67Ca0.33MnO3E ocessed via high-energy ball milling. <i>Journal of Applied Physics</i> , 1999 , 86, 1607-1610	2.5	2
	fects of stress relaxation of epitaxial SrRuO3 thin film on microstructures. <i>Journal of Applied</i> sysics, 1999 , 86, 4188-4191	2.5	11
	fluence of misfit stress on the magnetoresistive properties of La0.7Ca0.3MnO3Ithin films. <i>urnal of Applied Physics</i> , 1999 , 85, 5417-5419	2.5	71
	ectronic structure of Y1\(\mathbb{Q}\)CaxVO3 studied by high-energy spectroscopies. <i>Physical Review B</i> , 1999 9, 7422-7432	3.3	41
	ansport properties of the one-dimensional ferromagnetic Kondo lattice model: A qualitative proach to oxide manganites. <i>Physical Review B</i> , 1999 , 59, 529-532	3.3	10
	olution of electronic structure with dimensionality in divalent nickelates. <i>Physical Review B</i> , 1999 , , 12457-12470	3.3	36
	lf-metallic electronic structures of giant magnetoresistive spinels: Fe1⊠CuxCr2S4(x=0.0,0.5,1.0). <i>ysical Review B</i> , 1999 , 59, 10018-10024	3.3	79
	ystal structure, magnetic and transport properties, and electronic band structure of A2Mn2O7 rochlores (A=Y,In,Lu, and Tl). <i>Physical Review B</i> , 1999 , 59, 1249-1254	3.3	77
1598 M e	etal-insulator transition in La0.7Sr0.3Mn1\(\mathbb{B}\)FexO3. Journal of Applied Physics, 1999 , 86, 5175-5178	2.5	29
1597 O x	xygen isotope effect on the vibrational modes of La1⊠CaxMnO3. <i>Physical Review B</i> , 1999 , 59, 9362-937	73 .3	26
	lossal resistive relaxation effects in a Pr0.67Ca0.33MnO3 single crystal. <i>Physical Review B</i> , 1999 , , 77-80	3.3	92
	arge disordering induced by electron irradiation in colossal magnetoresistant manganites. <i>ysical Review B</i> , 1999 , 60, R726-R729	3.3	50
1594 An	omalous Nernst effect in La0.88MnO3. <i>Physical Review B</i> , 1999 , 59, R9019-R9022	3.3	19
1593 Ele	ectron tunneling experiments on La0.7A0.3MnO3 (A=Ca,Sr,Ba). <i>Physical Review B</i> , 1999 , 60, 10591-105	5 9.3	21
Eff ¹⁵⁹² filr	fects of the microstructure on the magnetotransport properties of polycrystalline manganite ms grown by metalorganic chemical vapor deposition. <i>Journal of Applied Physics</i> , 1999 , 86, 6945-6955	2.5	21
1591 Eff	fective transfer integrals for the Jahn-Teller distortion in LaMnO3. <i>Physical Review B</i> , 1999 , 60, 12968	- 3.<u>3</u>97 :	35
1590 Ra	dio-frequency impedance measurements using a tunnel-diode oscillator technique. 1999 , 70, 3097-31	01	62

1589	Origin of the giant oxygen-isotope effect in the manganite La0.8Ca0.2MnO3. <i>Physical Review B</i> , 1999 , 60, 3005-3008	3.3	11
1588	Hall effect of La2/3(Ca,Pb)1/3MnO3 single crystals near the critical temperature. <i>Physical Review B</i> , 1999 , 59, 11155-11158	3.3	20
1587	Surface pattern and large low-field magnetoresistance in La0.5Ca0.5MnO3 films. 1999 , 74, 1606-1608		20
1586	Microstructure, magnetoresistance, and magnetic properties of pulsed-laser-deposited external, internal, and mixed-doped lanthanum manganite films. <i>Journal of Applied Physics</i> , 1999 , 86, 3317-3326	2.5	12
1585	Comparison of the magnetic and transport properties of Ga-, Ni-, and Fe-doped perovskite manganese oxides. <i>Journal of Applied Physics</i> , 1999 , 86, 4534-4538	2.5	18
1584	Strain effects and microstructure of epitaxial manganite thin films and heterostructures. 1999 , 74, 3636	5-3638	76
1583	Impurity model for Mn ions: Possibility of charge order and lattice distortions. <i>Journal of Applied Physics</i> , 1999 , 85, 5423-5425	2.5	
1582	Electrical resistivity and enhanced magnetoresistance in (La0.6Pb0.4MnO3/La0.85MnO3]h superlattices. <i>Journal of Applied Physics</i> , 1999 , 85, 1058-1062	2.5	20
1581	Colossal magnetoresistance effect in perovskite-type LaBnMnD epitaxial films. 1999 , 75, 3378-3380		19
1580	Ferromagnetic cluster behaviors and magnetoresistance in Ni-doped LaSrMnO3 systems. 1999 , 75, 159	2-1594	33
1579	Magnetoresistivity effect in La0.67Sr0.33MnO3/Pr0.7Ca0.3MnO3/La0.67Sr0.33MnO3II trilayered films. <i>Physical Review B</i> , 1999 , 59, 9437-9441	3.3	4
1578	Coherent-incoherent crossover of charge dynamics in the ferromagnetic ground state of manganites: R0.6Sr0.4MnO3 (R=La-Sm). <i>Physical Review B</i> , 1999 , 60, 10362-10366	3.3	38
1577			
	Infrared-active phonons of LaMnO3 and CaMnO3. Physical Review B, 1999, 60, 11875-11878	3.3	70
1576	Infrared-active phonons of LaMnO3 and CaMnO3. <i>Physical Review B</i> , 1999 , 60, 11875-11878 Ultrasonic evidence for magnetoelastic coupling in La0.60Y0.07Ca0.33MnO3 perovskites. <i>Physical Review B</i> , 1999 , 59, 11169-11171	3.3	7° 42
	Ultrasonic evidence for magnetoelastic coupling in La0.60Y0.07Ca0.33MnO3 perovskites. <i>Physical</i>		
1576	Ultrasonic evidence for magnetoelastic coupling in La0.60Y0.07Ca0.33MnO3 perovskites. <i>Physical Review B</i> , 1999 , 59, 11169-11171 Symmetry origin of the phase transitions and phase separation in manganites at low doping.	3.3	42
1576 1575	Ultrasonic evidence for magnetoelastic coupling in La0.60Y0.07Ca0.33MnO3 perovskites. <i>Physical Review B</i> , 1999 , 59, 11169-11171 Symmetry origin of the phase transitions and phase separation in manganites at low doping. <i>Physical Review B</i> , 1999 , 60, 11883-11886 Effects of Ga doping in the colossal magnetoresistance material La0.67Ca0.33MnO3. <i>Physical</i>	3.3	42

1571	Magnetic glass behavior and magnetoresistive properties of perovskite cobaltites La0.7Sr0.3Co1ਊGayO3. <i>Physical Review B</i> , 1999 , 60, 14541-14544	3.3	9
1570	Magnetic correlations in manganites. <i>Physical Review B</i> , 1999 , 60, 7911-7920	3.3	8
1569	Role of stoichiometry and structure in colossal magnetoresistive La1\(\mathbb{B}\)SrxMn1\(\mathbb{J}\)RuyO3+\(\mathbb{D}\)Physical Review B, 1999 , 60, 14793-14803	3.3	44
1568	Influence of nearest-neighbor Coulomb interactions on the phase diagram of the ferromagnetic Kondo model. <i>Physical Review B</i> , 1999 , 59, 7033-7042	3.3	33
1567	Phase separation in inhomogeneous mixed-valence systems. <i>Physical Review B</i> , 1999 , 59, 11484-11488	3.3	18
1566	High-frequency magnetoimpedance of double perovskite La1.2Sr1.8Mn2O7: Secondary transitions at high temperatures. <i>Physical Review B</i> , 1999 , 60, 9268-9271	3.3	17
1565	Kosterlitz-Thouless transition in two-dimensional systems with diagonal and spin-orientation dependent off-diagonal disorder. <i>Physical Review B</i> , 1999 , 60, 5295-5299	3.3	3
1564	Valence state of Mn in Ca-doped LaMnO3 studied by high-resolution MnKlemission spectroscopy. <i>Physical Review B</i> , 1999 , 60, 4665-4674	3.3	68
1563	Oscillating tunneling magnetoresistance in magnetic double-tunnel-junction structures. <i>Physical Review B</i> , 1999 , 59, 14505-14509	3.3	39
1562	Hall effect of La2/3(Ca,Pb)1/3MnO3 single crystals. <i>Journal of Applied Physics</i> , 1999 , 85, 5573-5575	2.5	16
1561	Low-temperature magnetoresistance in insulating aldxSi1 alloys. <i>Physical Review B</i> , 1999 , 59, R3929-F	₹ 3 933	35
1560	Electronic and magnetic properties of the perovskite oxides: LaMn1⊠CoxO3. <i>Physical Review B</i> , 1999 , 59, 7051-7057	3.3	39
1559	Temperature and magnetic field dependent optical spectral weight in the cation-deficient colossal-magnetoresistance material La0.936Mn0.982O3. <i>Physical Review B</i> , 1999 , 59, 153-156	3.3	4
1558	Optical conductivity of colossal-magnetoresistance compounds: Role of orbital degeneracy in the ferromagnetic phase. <i>Physical Review B</i> , 1999 , 59, 6217-6228	3.3	68
1557	Evidence for a non-double-exchange mechanism in FeCr2S4. <i>Physical Review B</i> , 1999 , 59, 11172-11174	3.3	37
1556	Microstructure and properties of highly oriented PZT thin films on epitaxial ceramic electrodes prepared by CSD. 1999 , 225, 107-115		1
1555	Isotope effects in charge ordered colossal magnetoresistive (CMR) manganites. 1999,		
1554	RADIATION DAMAGE EFFECTS ON TRANSPORT AND COLOSSAL MAGNETORESISTANCE IN La(1-x)CaxMnO3. 1999 , 13, 3815-3819		1

1553	MORE EVIDENCES FOR DOUBLE EXCHANGE-RELATED INTERFACIAL TUNNELING IN NANOSTRUCTURED PEROVSKITE La0.82Sr0.18MnO3. 1999 , 13, 399-409	1
1552	The important role of local distortions and their connection with magnetism and transport in the Bolossallmagnetoresistance systems, La1-x A x MnO3. 1999 , 149, 221-231	1
1551	Novel method for the synthesis of thin film coatings on particulate materials. 1999 , 14, 3281-3291	8
1550	Grain size-dependent magnetism in fine particle perovskite, La1⊠SrxMnOz. 1999 , 109, 537-542	47
1549	Magnetic phase diagram and transport properties of the mixed-valence manganites. 1999 , 110, 237-242	1
1548	Strong ferroEntiferromagnetic competition and charge ordering in Pr0.67Ca0.33MnO3. 1999 , 110, 179-183	34
1547	Anisotropy of thermoelectric properties in La2/3Ca1/3MnO3 thin films studied by laser-induced transient voltages. 1999 , 110, 473-478	64
1546	Low-temperature electrical transport in La0.7A0.3MnO3, (A: Ca, Sr, Ba). 1999 , 111, 33-37	74
1545	Magnetic properties of the mixed oxide LaMnO3ABO3 (AB=PbZr, BaTi). 1999 , 111, 79-83	1
1544	Comparative study of the unoccupied electronic structure of La1\(\mathbb{R}\)CaxMnO3 and LaMnO3+\(\mathbb{L}\)using O 1s X-ray absorption spectroscopy. 1999 , 111, 437-441	13
1543	A new manganese oxide with the Aurivillius structure: Bi2Sr2Nb2MnO12🛛 1999 , 111, 705-709	30
1542	Influence of chemical prehistory on the colossal magnetoresistance of La0.7Ca0.3MnO3 ceramics. 1999 , 111, 711-715	14
1541	Observation of low field magnetoresistance in the layered manganite Sr1.6Sm1.4Mn2O7. 1999 , 112, 61-65	12
1540	Enhancement of magnetoresistance in spin frustrated (La,Sr)MnO 3 /LaFeO 3 artificial lattices. 1999 , 112, 201-205	34
1539	Variation of electrical and magnetic properties in La0.67⊠GdxCa0.33MnO3 perovskites. 1999 , 112, 415-418	1
1538	Magnetic structure evolution of Pr1⊠MnO3 perovskite from neutron powder diffraction data. 1999 , 113, 227-231	8
1537	Heteroepitaxial growth of La0.7Ca0.3MnO3/SrTiO3/TiN/Si by pulsed laser deposition. 1999 , 354, 55-58	11
1536	Quasi-elastic ferromagnetic excitations in Nd1/2Sr1/2MnO3. 1999 , 60, 1177-1180	3

1535	Oscillating magnetic behavior in La1+xSr2Mn2O7. 1999 , 259-261, 839-840	6
1534	An impurity resistivity of doped manganese perovskites. 1999 , 259-261, 828-830	2
1533	Colossal magnetoresistance and superconductivity in REAMnO/YBCO heterostructures. 1999 , 259-261, 820-821	10
1532	Normal modes of the LaMnO3 Pnma phase: comparison with La2CuO4 Cmca phase. 1999 , 262, 247-261	61
1531	Anomalous features in the bond stretching vibrations of La1\subseteq SrxMnO3. 1999 , 263-264, 416-420	48
1530	Electrical conductivity and magnetic behavior of La0.67Ca0.33MnO3 as influenced by substitution of Co. 1999 , 266, 332-339	23
1529	Evidence of photo-induced melting of the charge-ordered state in Pr0.65Ca0.35MnO3 by X-ray diffraction. 1999 , 271, 235-241	9
1528	Influence of the size of dopant ion on ferromagnetic behavior of Ln0.7A0.3CoO3 system [Ln=La, Nd; and A=Ca, (Ca, Sr), Sr, (Sr, Ba), Ba]. 1999 , 271, 116-124	37
1527	Experimental studies of colossal magnetoresistance manganites: effects of oxygen non-stoichiometry, 55Mn nuclear magnetic resonance, slow relaxation near the metal-insulator phase transition. 1999 , 63, 22-29	18
1526	Magnetic, electrical properties and magnetoresistance of Cu substituted La0.7Sr0.3CoO3E crystals (0.35 p .45). 1999 , 64, 180-186	10
1525	Scanning tunneling microscopy and spectroscopy of La0.67Ca0.33MnO3 thin films grown on LaAlO3(100). 1999 , 68, 10-15	2
1524	Magnetic and electrical properties of perovskite La1⊠MnO3Ifilms. 1999 , 68, 104-110	11
1523	Discussion again of the interfacial tunneling in granular perovskite La0.82Sr0.18MnO3. 1999 , 253, 113-118	4
1522	The sublattice magnetizations of the spin-s quantum Heisenberg antiferromagnets. 1999 , 259, 308-313	2
1521	Imaging of symmetry-forbidden fringes with La1⊠CaxMnO3 as example. 1999 , 80, 59-68	11
1520	Thickness dependent properties of La0.67Ca0.33MnO3 thin films. <i>Applied Surface Science</i> , 1999 , 138-139, 40-43	38
1519	Influence of substrate temperature on magnetotransport properties of thin films of La0.7Sr0.3MnO3. <i>Applied Surface Science</i> , 1999 , 138-139, 228-232	18
1518	Preparation dependence of the magnetic behaviour in LaCaMnD films. <i>Applied Surface Science</i> , 6.7	

1517	Optical emission spectrometric characterization of plumes generated from laser-ablated Pr0.67Sr0.33MnO3. <i>Applied Surface Science</i> , 1999 , 140, 118-125	6.7	8
1516	Velocity distributions of laser ablated species from a La0.67Ca0.33MnO3 target. <i>Applied Surface Science</i> , 1999 , 151, 180-188	6.7	9
1515	Temperature/magnetization-induced distortions in the local structure of substituted LaMnO3. 1999 , 6, 543-5		
1514	Magnetotransport property of layered manganites (La,Sr,Ca)3Mn2O7. 1999 , 19, 1511-1514		7
1513	Phases of resistance. 1999 , 399, 529-531		56
1512	Looking out for memory T cells. 1999 , 399, 531-2		12
1511	Percolative phase separation underlies colossal magnetoresistance in mixed-valent manganites. 1999 , 399, 560-563		1518
1510	Magnetoresistance of nanobridges of lanthanum-strontium manganite. 1999 , 25, 398-401		
1509	Magnetic-field-induced superconductivity?. 1999 , 25, 505-505		
1508	Growth and investigation of doped rare earth manganite single crystals. 1999 , 198-199, 511-515		101
1507	Sintering temperature-dependent magnetism and structure in granular perovskites La1⊠SrxMnOz. 1999 , 313, 69-75		7
1506	Chemical Solution Deposition of Epitaxial La1☑ (Ca, Sr) x MnO3 Thin Films. 1999 , 3, 255-260		23
1505	Photo-Induced Effect of the Electron-Spin Resonance on the Charge-Ordered State in Pr0.65Ca0.35MnO3. 1999 , 12, 311-315		4
1504	Large Magnetoresistance and Finite-Size Effects in Electrodeposited Single-Crystal Bi Thin Films. 1999 , 82, 3328-3331		118
1503	Magnetic coupling induced by hole doping in perovskites La1\(\mathbb{Q}\)CaxMnO3: A neutron scattering study. <i>Physical Review B</i> , 1999 , 60, 12299-12308	3.3	43
1502	Spin-independent and spin-dependent conductance anisotropy in layered colossal-magnetoresistive manganite single crystals. <i>Physical Review B</i> , 1999 , 59, 9357-9361	3.3	29
1501	Colossal magnetoresistive manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 200, 1-23	2.8	834
1500	Colossal magnetoresistance in La-Ca-Mn-O. 1999 , 5, 533-537		1

Preparation, structure, magnetic properties and special magnetoresistance effect of Lao.67Sr0.33Mn03+PPr0.7Cao.3 Mn03+PLao.67Sro.33Mn03+Pro.7Cao.3 Mn03+PLao.67Sro.33Mn03+Pro.7Cao.3 Mn03+PLao.67Sro.33Mn03+PRo.7Cao.3 Mn03+PLao.67Sro.33Mn03+PRo.7Cao.3 Mn03+PRo.7Cao.3 Mn03+

1498	Influence of Fe3+ on perovskite oxides: La2/3Ca1/3Mn1-xFe x O3. 1999 , 42, 750-757		1
1497	Effect of A-site cation substitution on magnetic transition temperature of (LaCa) MnO3. 1999 , 42, 758-	-762	
1496	Magnetic and electrical properties of Eu2VO4. 1999 , 34, 803-816		10
1495	An attempt to replace an anion in CMR oxide: Nitrogen implantation in La0.75Ca0.25MnO3. 1999 , 155, 85-90		3
1494	Magnetic and electrical properties of the oxide system of La0.8Sr0.2Co1⊠CuxO3Ū <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 191, 90-96	2.8	2
1493	Superparamagnetism and spin-glass-like behavior in (La1\pi\textrm{Tbx})2/3Ca1/3MnO3 Perovskite. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 192, L379-L385	2.8	18
1492	Spin dynamics of La0.85Sr0.15CoO3 perovskite. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 196-197, 487-489	2.8	23
1491	Synthesis characterization and magnetic properties of the Ln0.7A0.3Mn0.9Fe0.1O3 (Ln = La, Nd; A = Pb, Cd) manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 196-197, 543-545	2.8	6
1490	Synthesis, structure and magnetic entropy change of polycrystalline La1⊠KxMnO3+⊡ <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 195, 112-118	2.8	73
1489	Spin-polarized intergrain tunneling model for low-field magnetoresistance in polycrystalline manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 202, 405-409	2.8	17
1488	From almost zero magnetostriction to giant magnetostrictive effects: recent results. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 200, 425-438	2.8	33
1487	The effect of oxygen content on the magnetic, electrical and magnetoresistive properties of La0.7Sr0.3Co1\(\text{La}\)CuxOz. Journal of Magnetism and Magnetic Materials, 1999 , 206, 68-74	2.8	1
1486	Giant Magnetoresistance in CaCu3Mn4O12-Based Oxides with Perovskite-Type Structure. 1999 , 147, 185-198		78
1485	Syntheses and Magnetic Properties of La1ឱSrxMnOy (0.5ឱ្យ៧.0) Perovskite. 1999 , 146, 1-5		43
1484	Electrical and Magnetic Properties of Strontium Substituted Lanthanum Manganate Perovskite Crystals Prepared Using Fused Salt Electrolysis. 1999 , 145, 88-96		16
1483	Synthesis and Properties of Lanthanum Sodium Manganate Perovskites Crystals. 1999 , 146, 88-95		23
1482	Discontinuous Evolution of the Highly Distorted Orthorhombic Structure and the Magnetic Order in LaMnO3-Perovskite. 1999 , 146, 418-427		71

The Crystallographic and Magnetoresistance of CaF2 Doped Nd0.67Sr0.33MnO3 Compounds. 199 148, 236-241	9,	7
Structural Determination of the Charge Ordering Process in Nd0.5Ca0.5Mn1\(\text{ICTXO3} \) Manganites. 1999 , 148, 333-341		14
Colossal Magnetoresistance in Potassium Doped Lanthanum Manganite: A Comparative Study of Polycrystalline Solid and Thin Film. 1999 , 148, 342-346		10
The Excitation of Spin Waves in the <001>-Textured Films of La0.75Sr0.11Ca0.14MnO3/SrTiO3(00 by Pulsed Laser Ablation. 1999 , 174, 499-503	1)	6
1477 Structural magnetic and electrical properties of La0.6Ba4\subseteq SrxMnO3 perovskite. 1999 , 69, 215-226	,	16
Change from first- to second-order magnetic phase transition in La2/3(Ca,Sr)1/3MnO3 perovskites 1476 <i>Physical Review B</i> , 1999 , 60, 2998-3001	s. 3.3	298
1475 Colossal Magnetoresistance in New Manganites. 1999 , 602, 257		
1474 The essential interactions in oxides and spectral weight transfer in doped manganites. 1999 , 11, L	531-L539	42
1473 Crystal structure and magnetoresistance of Na-doped LaMnO3. 1999 , 11, 1523-1528		65
Colossal magnetoresistance in cluster glass-like insulator La0.67Sr0.33(Mn0.8Ni0.2)O3. <i>Journal of Applied Physics</i> , 1999 , 85, 5399-5401	2.5	40
1471 The magnetism of a buried La0.7Sr0.3MnO3 interface. 1999 , 75, 3384-3386		38
Large Low-Field Magnetoresistance in Perovskite-type CaCu3Mn4O12 without Double Exchange. 147 ° 1999 , 82, 3164-3167		232
Low-temperature magnetoresistance in polycrystalline manganites: connectivity versus grain size. 1999 , 74, 3884-3886		125
Large magnetostriction effect in bulk (La1\(\mathbb{B}\)Smx)2/3Sr1/3MnO3. <i>Journal of Applied Physics</i> , 1999 , 85, 4494-4496	2.5	13
1467 Structural details and magnetic order of La1\(\mathbb{B}\)SrxCoO3 (x. <i>Physical Review B</i> , 1999 , 59, 1068-1078	3.3	295
Comparative studies of the behaviour of La0.8Ca0.2MnO3with different oxygen isotope substitutions. 1999 , 11, 8921-8931		7
1465 Structural effects in R0.5Sr0.5MnO3perovskites (R = rare earth). 1999 , 11, 8103-8109		О
1464 Magnetic and electric properties of La1MnO3. <i>Physical Review B</i> , 1999 , 59, 1304-1310	3.3	90

1463	Critical exponents of the ferromagnetic-paramagnetic phase transition of La1⊠SrxCoO3 (0.20. <i>Physical Review B</i> , 1999 , 59, 123-126	3.3	107
1462	Theory of colossal magnetoresistance in doped manganites. 1999 , 11, 1989-2005		45
1461	Carrier Density Collapse and Colossal Magnetoresistance in Doped Manganites. 1999 , 82, 141-144		227
1460	Conduction channels and magnetoresistance in polycrystalline manganites. <i>Physical Review B</i> , 1999 , 60, 7328-7334	3.3	126
1459	139La NMR evidence for sensitivity of local structure to magnetic field in La0.5Ca0.5MnO3. <i>Physical Review B</i> , 1999 , 60, 9275-9278	3.3	23
1458	Hydrostatic-pressure-induced magnetic structure transformation in polycrystalline La0.5Ca0.5MnO3I[20.01). <i>Physical Review B</i> , 1999 , 60, 14513-14516	3.3	15
1457	The effect of a cation radii on physical properties of doped manganites. 1999 , 70, 197-210		8
1456	Colossal Magnetoresistance in Manganese Perovskite Films and Multilayers. 1999 , 119-132		
1455	Room-temperature and low-field magnetoresistance of La-Sr-Mn-O thin films. 1999 , 35, 2844-2846		7
1454	Bias dependent intergrain tunneling in lanthanum manganite thin films. 1999 , 35, 2859-2861		3
1453	Magnetoresistance in excess of 200% in Ballistic Ni Nanocontacts at Room Temperature and 100 Oe. 1999 , 82, 2923-2926		356
1452	Oxidation kinetics in La0.67Ba0.33MnO3lepitaxy on SrTiO3 (001) during pulsed-laser deposition. 1999 , 74, 3540-3542		14
1451	Magnetic properties of bulk Eu2/3Ca1/3MnO3. Journal of Applied Physics, 1999, 85, 5387-5389	2.5	
1450	Specific heat of Nd0.67Sr0.33MnO3. <i>Physical Review B</i> , 1999 , 59, 127-130	3.3	101
1449	Isotope effects in colossal magnetoresistance (CMR) manganites. 1999 , 35, 2847-2849		
1448	Photoacoustic study on phase transitions in La/sub 1-x/Ca/sub x/MnO/sub 3/ (x=0.2, 0.3, 0.4). 1999 , 35, $2874-2876$		3
1447	Bias dependent intergrain tunneling in lanthanum manganite thin films. 1999,		
1446	Phase separation scenario for manganese oxides and related materials. <i>Science</i> , 1999 , 283, 2034-40	33.3	1184

1445	Synthesis of high surface area LaMnO3+ by a polymerizable complex method. <i>Journal of Alloys and Compounds</i> , 1999 , 283, 102-105	5.7	74
1444	Colossal magnetoresistance of oxide spinels, CoxMn3⊠O4. 1999 , 39, 311-317		33
1443	Larger magnetocaloric effect in two-layered La1.6Ca1.4Mn2O7 polycrystal. <i>Journal of Applied Physics</i> , 1999 , 85, 7975-7977	2.5	34
1442	Fermi surface of the colossal magnetoresistance perovskite La0.7Sr0.3MnO3. 1999 , 11, L279-L285		39
1441	Transition-element doping effects in La0.7Ca0.3MnO3. <i>Physical Review B</i> , 1999 , 59, 533-537	3.3	241
1440	Study of Fe-doped La1\(\mathbb{R}\)CaxMnO3 (x?1/3) using M\(\mathbb{S}\)sbauer spectroscopy and neutron diffraction. <i>Physical Review B</i> , 1999 , 59, 1263-1271	3.3	113
1439	Large magnetoresistance in antiferromagnetic CaMnO3[]Physical Review B, 1999, 59, 8784-8788	3.3	120
1438	Enhanced magnetoresistance in sintered granular manganite/insulator systems. 1999 , 75, 995-997		199
1437	Spin-dependent interfacial tunnelling and tunnel-type GMR in granular perovskite family. 1999 , 11, 26	25-263	6 25
1436	High-field magnetization and magnetoresistance of La0.5Sr1.5MnO4. <i>Physical Review B</i> , 1999 , 59, 111	51 ₃ 1311	5431
1435	Lattice distortion and uniaxial magnetic anisotropy in single domain epitaxial (110) films of SrRuO3. Journal of Applied Physics, 1999 , 85, 5297-5299	2.5	68
1434	Resistance of a domain wall in La0.7Ca0.3MnO3. <i>Journal of Applied Physics</i> , 1999 , 86, 6287-6290	2.5	61
1433	A New Ordered Oxygen-Deficient Manganite Perovskite: LaBaMn2O5.5. Crystal and Magnetic Structure. 1999 , 11, 930-938		65
1432	Improved properties of La2/3Ca1/3MnO3 thin films by addition of silver. 1999 , 74, 2857-2859		70
1431	Effect of substrate-induced strain on the charge-ordering transition in Nd0.5Sr0.5MnO3 thin films. 1999 , 75, 397-399		90
1430	Synthesis and properties of nanofunctionalized particulate materials. 1999 , 12, 1167-1171		10
1429	Magneto-electronic interactions in La0.8Ca0.2MnO3perovskite. 1999 , 11, 8901-8912		2
	Density-of-states and localization study of the double-exchange model in one and two dimensions.	3.3	10

1427	Local lattice distortions and Raman spectra in the La1\(\mathbb{R}\)CaxMnO3 system. <i>Physical Review B</i> , 1999 , 60, 12758-12763	3.3	59
1426	Structural, electrical and magnetic properties of two-dimensional La1.2(Sr1.8½Cax)Mn2O7 manganites. <i>Journal of Applied Physics</i> , 1999 , 86, 2178-2184	2.5	26
1425	Itinerant versus localized transport in La1⊠SrxMnO3 for x. <i>Physical Review B</i> , 1999 , 59, 12419-12424	3.3	26
1424	First-principles investigation of ferromagnetism and ferroelectricity in bismuth manganite. <i>Physical Review B</i> , 1999 , 59, 8759-8769	3.3	291
1423	Transport and magnetic properties in perovskite compound. 1999 , 11, 3141-3148		23
1422	Local lattice distortions in La1⊠SrxMnO3 studied by pulsed neutron scattering. <i>Physical Review B</i> , 1999 , 59, 6193-6204	3.3	95
1421	Ultrasonic anomalies in La0.67Ca0.33MnO3 near the Curie temperature. 1999 , 74, 3504-3506		42
1420	Influence of the Deposition Parameters on LaMMnD (A = Ca, Sr) Films Grown by Low-Pressure Aerosol Pyrolysis. 1999 , 11, 3521-3527		6
1419	Temperature dependence of the resistivity in the double-exchange model. <i>Physical Review B</i> , 1999 , 59, 8375-8378	3.3	11
1418	Specific heat of Pr0.6(Ca1⊠Srx)0.4MnO3(0. <i>Physical Review B</i> , 1999 , 59, 1298-1303	3.3	92
1418	Specific heat of Pr0.6(Ca1\subseteq Srx)0.4MnO3(0. Physical Review B, 1999, 59, 1298-1303 Hall-Effect Sign Anomaly and Seebeck Effect in Nd0.5Pb0.5MnO3. 1999, 68, 1780-1781	3.3	92
'		3.3	
1417	Hall-Effect Sign Anomaly and Seebeck Effect in Nd0.5Pb0.5MnO3. 1999 , 68, 1780-1781 Double-peaked character of the temperature dependence of resistance of perovskite manganites	3.3	2
1417 1416	Hall-Effect Sign Anomaly and Seebeck Effect in Nd0.5Pb0.5MnO3. 1999 , 68, 1780-1781 Double-peaked character of the temperature dependence of resistance of perovskite manganites for a broadened ferromagnetic transition. 1999 , 25, 962-965	3.3	2 13
1417 1416 1415	Hall-Effect Sign Anomaly and Seebeck Effect in Nd0.5Pb0.5MnO3. 1999, 68, 1780-1781 Double-peaked character of the temperature dependence of resistance of perovskite manganites for a broadened ferromagnetic transition. 1999, 25, 962-965 From heavy fermions to random-localized-site behaviour via Anderson localization. 1999, 79, 683-702 Transmission electron microscopy study of epitaxial lanthanumfhanganite thin films on SrTiO3.		2 13 17
1417 1416 1415	Hall-Effect Sign Anomaly and Seebeck Effect in Nd0.5Pb0.5MnO3. 1999, 68, 1780-1781 Double-peaked character of the temperature dependence of resistance of perovskite manganites for a broadened ferromagnetic transition. 1999, 25, 962-965 From heavy fermions to random-localized-site behaviour via Anderson localization. 1999, 79, 683-702 Transmission electron microscopy study of epitaxial lanthanumihanganite thin films on SrTiO3. 1999, 79, 897-909 Competing interactions and the isotope effect in colossal magnetoresistance materials. 1999, 79, 119-	125	2 13 17 6
1417 1416 1415 1414 1413	Hall-Effect Sign Anomaly and Seebeck Effect in Nd0.5Pb0.5MnO3. 1999, 68, 1780-1781 Double-peaked character of the temperature dependence of resistance of perovskite manganites for a broadened ferromagnetic transition. 1999, 25, 962-965 From heavy fermions to random-localized-site behaviour via Anderson localization. 1999, 79, 683-702 Transmission electron microscopy study of epitaxial lanthanumihanganite thin films on SrTiO3. 1999, 79, 897-909 Competing interactions and the isotope effect in colossal magnetoresistance materials. 1999, 79, 119-	125	2 13 17 6

1409	Dry Etching to form Submicron Features in CMR Oxides: (Pr,Ba,Ca)MnO3 and (La,Sr)MnO3. 1999 , 574, 341	
1408	Metal-Organic Chemical Vapor Deposition of Metal Oxides: from Precursor Synthesis to Thin Films. 1999 , 574, 37	1
1407	Influence of Post-Deposition Annealing on Lattice Strain, Electrical Transport and Magnetic Properties in Epitaxial La0.8Ca0.2MnO3 CMR Films. 1999 , 574, 45	
1406	Strain Modification of Epitaxial SrRuO3 Films Using Structural Transitions of Ferroelectric BaTiO3 Substrate. 1999 , 587, O8.3.1	
1405	Giant 1/f Noise in Low-Tc CMR Manganites: Evidence of the Percolation Threshold. 1999 , 602, 113	
1404	Evidence of Anisotropic Thermoelectric Properties in La2/3Ca1/3MnO3 Thin Films Studied by Laser-Induced Transient Voltages. 1999 , 602, 125	1
1403	Investigation of the Transport Mechanism in Doped La-Based Manganite Thin Films by Traveling Wave Method. 1999 , 602, 131	
1402	Inhomogeneous Magnetic Structures of La0.7Ca0.3MnO3 Investigated by ESR and Magnetization Measurements. 1999 , 602, 159	
1401	Strain-Induced Magnetic Properties of Pr0.67Sr0.33MnO3 Thin Films. 1999 , 602, 219	
1400	Magnetic Measurements on Stressed and Stress Relieved La0.66Ca0.33MnO3 Thin Films. 1999 , 602, 225	
1399	Properties of the Ferrimagnetic Double-Perovskites A2FeReO6 (A=Ba and Ca). 1999 , 602, 23	
1398	The Effects of Substrate-Induced Strains on the Charge-Ordering Transition in Nd0.5Sr0.5MnO3 Thin Films. 1999 , 602, 231	1
1397	Conductivity and NMR Study of LaGa1\(\text{M}\text{MnxO3 Single Crystals.} \) 1999, 602, 239	
1396	Magnetoresistance in Thin Films of Silver Chalcogenides. 1999 , 602, 47	
1395	Growth and Magnetic Properties of La0.65Pb0.35MnO3 Films. 1999 , 602, 75	2
1394	Cation Ordering Structure in La0.8Ca0.2MnO3 Thin Films by Pulsed Laser Deposition. 1999 , 602, 81	
1393	Anomalous Magnetoresistance Effect in Strained Manganite Ultrathin Films. 1999 , 602, 185	
1392	Substrate-Induced Anomalous Electrical Transport and Magnetic Transitions in Epitaxial La0.66Sr0.33MnO3 Films Grown on (001) BaTiO3 Substrates. 1999 , 602, 201	

1391	Effects of annealing and strain on La1\(\mathbb{R}\)CaxMnO3 thin films: A phase diagram in the ferromagnetic region. 1999 , 75, 1446-1448		107
1390	The effects of YBa2Cu3O7Ibverlayers on the magnetic and electronic properties of La0.7Sr0.3MnO3. <i>Journal of Applied Physics</i> , 2000 , 87, 6767-6769	2.5	11
1389	Atomic structure and microstructure of very thin films of La0.73Ca0.27MnO3 on SrTiO3. 2000, 80, 337-3	50	16
1388	Magnetotransport and Magnetic Properties of La0.7MnO3Iand Pr0.65Ba0.05Ca0.3MnO3II Superlattices. 2000 , 614, 8121		
1387	Oxygen Content and Crystallinity Effects in Pulsed Laser Deposited Lanthanum Manganite Thin Films. 2000 , 617, 1		3
1386	Thermal Stability and Semiconducting Properties of Epitaxial La0.7Sr0.3MnO3 Films. 2000 , 623, 77		1
1385	Transport Anisotropy in PLD-Made La0.75Sr0.25MnO3 Films. 2000 , 623, 83		
1384	Theoretical Studies of Electronic and Magnetic Properties of Mn-Site-Doped Perovskites LaMn1\(\text{N}\) NixO3. <i>Physica Status Solidi (B): Basic Research</i> , 2000 , 220, 885-895	1.3	4
1383	Exit wave reconstructions using through focus series of HREM images. 2000 , 49, 301-23		27
1382	Localization, conductivity, and superconductivity. 2000 , 80, 713-720		12
1381	Synthesis and Characterization of the Electron-Doped Single-Layer Manganite La1.2Sr0.8MnO4D and Its Oxidized Phase La1.2Sr0.8MnO4+D 2000 , 153, 34-40		35
1380	The Origin of Bulk Magnetoresistivity in Manganites. 2000 , 155, 116-123		17
1379	Magnetotransport Properties of the Sm0.35Nd0.35M0.3Mn1⊠FexO3 (M = Pb, Cd; x = 0, 0.1) Manganites. <i>Physica Status Solidi (B): Basic Research</i> , 2000 , 220, 425-428	1.3	
1378	Influence of Preparation on Structure and Properties of La0.67Ca0.33MnO3 Bulk Material. 2000 , 179, 205-210		3
1377	Cubic to Tetragonal Phase Transition of SrTiO3 under Epitaxial Stress: An X-Ray Backscattering Study. 2000 , 181, 387-404		52
1376	The colossal magnetoresistance (LaxSn1☑)yMnO3IFilms studied by X-ray photoemission spectroscopy. 2000 , 219, 404-408		6
1375	Crystal growth and characterization of the CMR compound La1.2(Sr,Ca)1.8Mn2O7. 2000 , 220, 480-487		17
1374	Seeded growth from flux and neutron study of La1\(\mathbb{B}\)BaxMnO3 (0.2. 2000 , 211, 480-484		19

1373	H-dependent magnetic domain structures in La0.67Sr0.33MnO3 thin films. 2000 , 211, 86-92	18
1372	The preparation and demonstration of epitaxial La0.67Sr0.33MnO3Ifilms/((110) orientation). 2000, 114, 341-345	7
1371	Theoretical considerations on the transport property of La1⊠CaxMnO3 in the paramagnetic regime. 2000 , 114, 579-583	9
1370	Electrical transport properties in magnetoresistive La0.67Ca0.33MnO3 thin film. 2000 , 115, 201-205	17
1369	Magnetic properties and magnetoresistance effect of Ni1⊠MnxFe2O4 sintered ferrites. 2000 , 115, 233-235	13
1368	Magnetic properties in spinel Fe1+xCr2⊠S4 with CMR effect. 2000 , 115, 679-682	10
1367	Magnetoimpedance effect in La0.67Ba0.33MnO3 under low dc magnetic fields. 2000 , 116, 159-162	27
1366	Reentrant paramagnetic behavior and spin-state transition in the layered cobalt oxide GdBaCo2O5+[1 2000 , 116, 609-614	52
1365	Effect of grain connectivity and density on the magnetoresistance in Ca or Li doped lanthanum manganites. 2000 , 117, 53-56	12
1364	Critical behavior in the perovskite-like system Y(Ni,Mn)O 3. 2000 , 61, 2019-2024	29
1363	Aerosol and plasma assisted chemical vapor deposition process for multi-component oxide La0.8Sr0.2MnO3 thin film. 2000 , 368, 275-278	18
1362	Microstructure and transport properties of solgel fabricated La0.7Sr0.3MnO3 nanocrystalline films on Si(100) substrates. 2000 , 366, 302-305	22
1361	Influence of the microstructure on the magnetoresistance of manganite thin films. 2000, 373, 98-101	4
1360	Curie temperature control of La1NPbxMnO3N thin film by changing the pulsed laser deposition conditions. 2000 , 375, 1-4	5
1359	Magnetoresistance effect in La?A?Mn?O (A=Ca, Ba) thin films synthesized by metal-organic decomposition. 2000 , 375, 228-232	4
1358	Quasiparticle spectrum of ferro- and antiferromagnetic local moment film with finite band occupation. 2000 , 292, 359-365	5
1357	Magnetic and electrical properties of La0.67Ca0.33MnO3 as influenced by substitution of Cr. 2000 , 275, 308-315	49
1356	Electronic structures of CMR pyrochlore Tl2⊠ScxMn2O7. 2000 , 281-282, 528-530	

1355 Polaron transport and isotope effects in colossal magnetoresistive manganites. **2000**, 281-282, 521-523

1354	Photoemission spectroscopy of half-metallic manganese compounds: perovskite versus Heusler. 2000 , 281-282, 494-495	
1353	Unusual magnetism of hexaborides. 2000 , 281-282, 423-427	60
1352	Hall effect of a layered manganite single crystal. 2000 , 284-288, 1442-1443	5
1351	Ferromagnetism and superconductivity in La0.7Sr0.3MnO3/YB2Cu3O7 superlattices. 2000 , 341-348, 767-768	3
1350	Transport properties of some superconducting multilayers. 2000 , 341-348, 1889-1890	
1349	O 1s core level photoemission behavior of Pr1⊠SrxMnO3. 2000 , 76, 26-30	6
1348	Photoinduced resistivity change in layered manganite La2🛭xCa1+2xMn2O7 (x=0.3). 2000 , 76, 35-37	1
1347	Colossal magnetoresistance in screen printed La0.67Ca0.33MnO3 thick films. 2000 , 77, 261-267	10
1346	Giant magnetoimpedance effect in LaBaMnD oxide. 2000, 77, 280-281	11
1345	Growth and characterization of large La1NPbxMnO3Rtrystals. 2000 , 75, 1-5	7
1344	Effects of aging on the electrical resistivity of La1⊠BxCoO3 perovskites (B=Sr, Ca, Ba; 0.20₩D.30). 2000 , 81, 23-26	5
1343	Characteristics of LaBaMnD thin films grown by metal-organic decomposition. <i>Applied Surface Science</i> , 2000 , 161, 203-208	1
1342	Electronic structure of the ferroelectromagnet YMnO3. 2000 , 270, 96-101	24
1341	Effect of annealing on polycrystalline La1⊠NaxMnOz ceramics. 2000 , 277, 56-60	20
1340	Transport parameters of granular La0.67Ca0.33MnO3 films grown on an R-plane sapphire. <i>Physics of the Solid State</i> , 2000 , 42, 2103-2108	
1339	Large magnetoresistance in an inhomogeneous magnetic semiconductor. 2000 , 72, 612-615	1
1338	New low-frequency magnetic excitations in LaMnO3 single crystals. 2000 , 90, 474-478	1

1337	Magnetoresistance from quantum interference effects in ferromagnets. 2000 , 404, 581-4		188
1336	A new spin on magnets. 2000 , 404, 556-7		2
1335	Dendrites go up, axons go down. 2000 , 404, 557, 559		12
1334	addendum: Magnetoresistance from quantum interference effects in ferromagnets. 2000 , 408, 616-616	5	6
1333	Correction: Ultrasensitive pheromone detection by mammalian vomeronasal neurons. 2000 , 408, 616-6	16	1
1332	Erratum: Tom22 is a multifunctional organizer of the mitochondrial preprotein translocase. 2000 , 408, 616-616		1
1331	Erratum: Embryonic lethality in mice homozygous for a processing-deficient allele of Notch1. 2000 , 408, 616-616		
1330	Valence state mapping of cobalt and manganese using near-edge fine structures. 2000 , 31, 355-62		57
1329	EELS analysis of cation valence states and oxygen vacancies in magnetic oxides. 2000, 31, 571-80		278
1328	Spin-wave resonance in the La0.7Mn1.3O3[film. 2000 , 268, 202-207		11
1327	Misbauer studies of CMR compound La0.67Ca0.33Mn0.9757Fe0.03O3. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 215-216, 40-42	2.8	3
1326	Magnetic properties of LaBrMnD/Si thin film as a function of RF magnetron power and O2 partial pressure. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 215-216, 548-550	2.8	3
1325	Large low-field magnetoresistance in ferrite/insulator granular systems. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 219, 265-268	2.8	2
1324	The effect of microstructure and secondary phase on magnetic and electrical properties of La-deficient La1\(\text{M} m03\(\text{Q}(0?x?0.3)\) films. Journal of Magnetism and Magnetic Materials, 2000, 219, 317-324	2.8	24
1324	The effect of microstructure and secondary phase on magnetic and electrical properties of La-deficient La1\(\mathbb{Q}\)MnO3\(\mathbb{Q}\)(0?x?0.3) films. Journal of Magnetism and Magnetic Materials, 2000 , 219, 317-324 The magnetotransport properties of LaMn1\(\mathbb{Q}\)CrxO3 manganites. Journal of Magnetism and Magnetic Materials, 2000 , 219, 236-240	2.8	24
	La-deficient La1\(\text{MnO3}\(\text{I}(0?x?0.3)\) films. Journal of Magnetism and Magnetic Materials, 2000 , 219, 317-324 The magnetotransport properties of LaMn1\(\text{MCrxO3}\) manganites. Journal of Magnetism and		
1323	La-deficient La1\(\text{MnO3I}\)(0?x?0.3) films. Journal of Magnetism and Magnetic Materials, 2000 , 219, 317-324 The magnetotransport properties of LaMn1\(\text{MCrxO3}\) manganites. Journal of Magnetism and Magnetic Materials, 2000 , 219, 236-240 Correlation between thermoelectric properties and magnetic phases in the charge-ordered	2.8	24

1319	The magnetoresistance effect of LaCaBrMnD perovskites under a very low magnetic field. Journal of Magnetism and Magnetic Materials, 2000 , 208, 69-73	2.8	11
1318	An effective medium model applied to the conductivity of La🏻aMnD across the phase transition temperature. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 213, 126-134	2.8	9
1317	New advanced magnetic La1.2(Sr1.8\(\text{Lax}\) Mn2O7 compounds with colossal magnetoresistance. Journal of Magnetism and Magnetic Materials, 2000 , 209, 113-115	2.8	3
1316	Structural and magnetic properties in La0.7Pb0.3Mn1&CoXO3 systems. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 209, 145-147	2.8	8
1315	Giant magneto-impedance effects in sintered La1\(\mathbb{U}\)CaxMnO3 oxides. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 209, 151-153	2.8	17
1314	Frequency-dependent magneto-impedance spectra in manganite oxides. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 209, 154-156	2.8	9
1313	X-ray absorption spectroscopy study of the La0.7Ba0.3Mn1⊠CoxO3 system. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 209, 240-242	2.8	6
1312	High-resolution transmission electron microscopy study on strained epitaxial manganite thin films and heterostructures. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 211, 16-21	2.8	24
1311	Effects of strain on the properties of La0.67Ca0.33MnO3 thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 211, 41-46	2.8	30
1310	The phase diagram and optical properties of La1\subseteq SrxMnO3 for x?0.2. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 211, 118-127	2.8	39
1309	Physics of grain boundaries in the colossal magnetoresistance manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 211, 150-159	2.8	170
1308	Giant magnetostrictive effects in magnetic oxides. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 211, 186-192	2.8	9
1307	Anisotropic magnetoresistance of (00h), (0hh) and (hhh) La2/3Sr1/3MnO3 thin films on (001) Si substrates. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 211, 206-211	2.8	26
1306	Laser-induced off-diagonal thermoelectric voltage in La1\(\mathbb{L}\)CaxMnO3 thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 211, 232-237	2.8	53
1305	Preparation of manganite perovskites by a wet-chemical method involving a redox reaction and their characterisation. <i>Materials Chemistry and Physics</i> , 2000 , 63, 218-225	4.4	29
1304	Preparation and crystallographic properties of Sr7⊠(Ca/Ba)xMn4O15. 2000 , 35, 2437-2444		8
1303	Room-temperature thousandfold magnetoresistance change in MnSb granular films: Magnetoresistive switch effect. 2000 , 76, 357-359		63
1302	57Fe-ion implantation in pulse laser deposited La0.75Ca0.25MnO3 films: Conversion electron Māsbauer spectroscopy and X-ray diffraction studies. 2000 , 23, 55-59		

1301 EPR study on the La2/3Ca1/3Mn1☑ Cu x O y system. **2000**, 19, 133-140

Origin of the electron spin resonance signal in the manganites: from polarons to phase separation. 1299 Quantum size effect of the magnetism of an electron in a metal layer of the layered compounds M/I/M/ID2000, 5, 307-311 1298 Structural, magnetic and transport properties of Sc-doped La0.7Sr0.3MnO3. 2000, 45, 810-814 2 1297 Enhanced magnetoresistance in La07Sr03MnO3 nanoscaledgranular composites. 2000, 43, 561-566 10 1296 Atomic Structure of La067Ca0.33MnO3 Thin Films on LaAlO3. 2000, 6, 402-403 1295 Structural, magnetic and magnetotransport properties of La0.7Pb0.3Mn0.9TM0.1O3(TM = Fe, Co, Ni) CMR perovskites. 2000, 12, 10523-10534 1294 PHASE SEPARATION AND STRIPES IN Ln2MO4+E2000, 14, 3643-3648 1 1293 10.1007/s10789-008-2018-2. 2000, 1, 1292 Low-temperature ac conductivity of La0.95Sr0.05MnO3.08. 2000, 33, 444-448 6 1
1299 M/I/M/II2000, 5, 307-311 1298 Structural, magnetic and transport properties of Sc-doped La0.7Sr0.3MnO3. 2000, 45, 810-814 2 1297 Enhanced magnetoresistance in La07Sr03MnO3 nanoscaledgranular composites. 2000, 43, 561-566 10 1296 Atomic Structure of La067Ca0.33MnO3 Thin Films on LaAlO3. 2000, 6, 402-403 1295 Structural, magnetic and magnetotransport properties of La0.7Pb0.3Mn0.9TM0.1O3(TM = Fe, Co, Ni) CMR perovskites. 2000, 12, 10523-10534 15 1294 PHASE SEPARATION AND STRIPES IN Ln2MO4+II2000, 14, 3643-3648 1 1293 10.1007/s10789-008-2018-2. 2000, 1,
1297 Enhanced magnetoresistance in La07Sr03MnO3 nanoscaledgranular composites. 2000, 43, 561-566 10 1296 Atomic Structure of La067Ca0.33MnO3 Thin Films on LaAlO3. 2000, 6, 402-403 1295 1295 Structural, magnetic and magnetotransport properties of La0.7Pb0.3Mn0.9TM0.1O3(TM = Fe, Co, Ni) CMR perovskites. 2000, 12, 10523-10534 15 1294 PHASE SEPARATION AND STRIPES IN Ln2MO4+\$\textstyle{12}\text{2000}, 14, 3643-3648 1 1293 10.1007/s10789-008-2018-2. 2000, 1,
1296 Atomic Structure of La067Ca0.33MnO3 Thin Films on LaAlO3. 2000, 6, 402-403 1295 Structural, magnetic and magnetotransport properties of La0.7Pb0.3Mn0.9TM0.1O3(TM = Fe, Co, Ni) CMR perovskites. 2000, 12, 10523-10534 1294 PHASE SEPARATION AND STRIPES IN Ln2MO4+E2000, 14, 3643-3648 1 1293 10.1007/s10789-008-2018-2. 2000, 1,
Structural, magnetic and magnetotransport properties of La0.7Pb0.3Mn0.9TM0.1O3(TM = Fe, Co, Ni) CMR perovskites. 2000 , 12, 10523-10534 15 1294 PHASE SEPARATION AND STRIPES IN Ln2MO4+II2000, 14, 3643-3648 1 1293 10.1007/s10789-008-2018-2. 2000 , 1,
1295 Ni) CMR perovskites. 2000, 12, 10523-10534 1294 PHASE SEPARATION AND STRIPES IN Ln2MO4+[2000, 14, 3643-3648] 1293 10.1007/s10789-008-2018-2. 2000, 1,
1293 10.1007/s10789-008-2018-2. 2000 , 1,
Low-temperature ac conductivity of La0.95Sr0.05MnO3.08. 2000 , 33, 444-448
Effect of Oxygen Deficiency on the Magnetic, Electrical, and Magnetoresistive Properties of La0.7Sr0.3CoO3-12000, 39, 61-65
1290 Enhancement of magnetoresistance in manganite multilayers. 2000 , 33, 2921-2926 20
Correlation Between Magnetovolume and Colossal Magnetoresistance Effects in Terbium Doped La-Sr-Mn-O Perovskite. 2000 , 17, 373-375
Monte-Carlo Study of Ising Model Ferromagnetic/Antiferromagnetic Spin Frustrated Superlattice. 2000, 39, 3392-3393
The dependence of the magnetoresistance on the magnetic history for La2/3Ca1/3Mn0.85Cu0.15O3. 2000 , 12, 8883-8888
1286 LaCaMnD Thin Film based Thermistor for Measuring Low Temperature of 77030 K. 2000 , 39, 4993-4997
Density-functional studies of magnetic and electronic structures for the perovskite oxides LaMn1-xCrxO3. 2000 , 12, 2737-2747

1283 Temperature-dependent quasiparticle conduction band structure of the EuS monolayer. **2000**, 12, 9857-9868 1

1282	Ultrasonic behaviours near different phase transitions in La1-xCaxMnO3. 2000 , 12, 823-828		10
1281	Spin filtering and an enhanced regime of giant magnetoresistance. 2000 , 12, 2833-2846		3
1280	Infrared phonon study of charge ordering in La1/2Sr3/2MnO4. 2000 , 12, 9799-9806		3
1279	Low-field magneto-resistance of spray pyrolysis deposited La0.67Ca0.33MnO3thin films. 2000 , 33, 921-	925	17
1278	Effect of oxygen nonstoichiometry on electrotransport and low-field magnetotransport property of polycrystalline La0.5Sr0.5MnO3Ithin films. <i>Physical Review B</i> , 2000 , 62, 8976-8982	3.3	27
1277	Magnetic pair-making double exchange coupling in Ru substituted orthomanganites, La0.7A0.3Mn0.9Ru0.1O3. 2000 , 77, 2382-2384		24
1276	Magnetic structure of hexagonal RMnO3 (R=Y, Sc): Thermal evolution from neutron powder diffraction data. <i>Physical Review B</i> , 2000 , 62, 9498-9510	3.3	258
1275	Correlated electrons in manganites. <i>Physical Review B</i> , 2000 , 62, 439-446	3.3	21
1274	Fine structure of phase separation in double-exchange systems. <i>Physical Review B</i> , 2000 , 62, 9425-9431	3.3	13
1273	Double-exchange ferromagnetism and magnetoresistance in LaMn1⊠CuxO3 (x?0.3). 2000 , 77, 2734-273	6	29
1272	Enhanced room-temperature magnetoresistance in partially melted La0.67Ca0.33MnO3 manganites. 2000 , 76, 763-765		30
1271	Theory of spin-wave excitation in manganites. <i>Physical Review B</i> , 2000 , 61, 1189-1192	3.3	21
1270	Spin-flux phase in the Kondo lattice model with classical localized spins. <i>Physical Review B</i> , 2000 , 62, 138	33,6-13	8 19
1269	Elastic-moduli and ultrasonic-attenuation anomalies near antiferromagnetic phase transitions in La1\(\text{La1}\(\text{CaxMnO3}. \) Journal of Applied Physics, 2000 , 87, 3579-3581	2.5	12
1268	Lattice effects on the transport properties of (R,Sr)3Mn2O7(R=La, Eu, and Pr). <i>Physical Review B</i> , 2000 , 61, 6106-6113	3.3	34
1267	Double exchange and the cause of ferromagnetism in doped manganites. <i>Physical Review B</i> , 2000 , 62, 11639-11643	3.3	30
1266	Crossover from anisotropic to isotropic transport in R2/3A1/3MnO3 perovskites determined by crystal symmetry. <i>Physical Review B</i> , 2000 , 61, 5857-5859	3.3	12

(2000-2000)

1265	Carrier density change in the colossal-magnetoresistance pyrochlore Tl2Mn2O7. <i>Physical Review B</i> , 2000 , 62, 12190-12194	3.3	20
1264	Nonlinear optical properties of perovskite YMnO3 studied by real-space recursion method. <i>Physical Review B</i> , 2000 , 61, 10664-10669	3.3	6
1263	Strain-induced magnetic properties of Pr0.67Sr0.33MnO3 thin films. <i>Physical Review B</i> , 2000 , 61, 501-5	05 .3	51
1262	Critical spin dynamics in Nd1⊠SrxMnO3 with xŪ.5. <i>Physical Review B</i> , 2000 , 61, 4060-4069	3.3	20
1261	Anomalous transport properties of heavily doped polycrystalline La0.825Sr0.175Mn1\(\text{LCuxO3}\). <i>Physical Review B</i> , 2000 , 62, 5667-5673	3.3	31
1260	Effects of phonon hardening on the polaron transport in colossal magnetoresistive manganites. <i>Physical Review B</i> , 2000 , 61, 84-87	3.3	13
1259	Metal[hsulator transition temperature dependence on lead and oxygen content in La1\(\text{NP}\) PbxMnO3\(^{+}\) thin films. Journal of Applied Physics, 2000 , 88, 6678-6683	2.5	4
1258	Spin and orbital ordering in double-layered manganites. <i>Physical Review B</i> , 2000 , 61, 1825-1830	3.3	37
1257	Lattice effects of doping the Mn sites in La0.5Ca0.5MnO3. <i>Journal of Applied Physics</i> , 2000 , 88, 5924-59	2 ₹.5	5
1256	Epitaxial growth of LaCaMnD thin film on out-of-plane twinned LaAlO3. 2000, 18, 2437		2
1255	Positive magnetoresistance in low-doped La1\(\mathbb{B}\)SrxMnO3 (x?0.14) perovskites. <i>Journal of Applied Physics</i> , 2000 , 87, 5609-5611	2.5	9
1254	Silver ion implantation in epitaxial La2/3Ca1/3MnO3 thin films: Large temperature coefficient of resistance for bolometric applications. 2000 , 76, 2104-2106		47
1253	Unprecedented magnetoresistance in Cd-substituted Tl2Mn2O7 pyrochlores. 2000 , 76, 3274-3276		22
1252	Microstructure of epitaxial La0.7Ca0.3MnO3 thin films grown on LaAlO3 and SrTiO3. <i>Journal of Applied Physics</i> , 2000 , 88, 4032	2.5	89
1251	Percolative phase separation induced by nonuniformly distributed excess oxygen in low-doped La1⊠CaxMnO3+{{x. <i>Physical Review B</i> , 2000 , 62, 5674-5677	3.3	32
1250	Ferromagnetism and colossal magnetoresistance from phase competition. 2000, 85, 4172-5		38
1249	Colossal magnetoresistance magnetic tunnel junctions grown by molecular-beam epitaxy. 2000 , 76, 19	14-19 ⁻	1687
1248	Temperature dependent changes of the Mn 3d and 4p bands near Tc in colossal magnetoresistance systems: XANES study of La1⊠CaxMnO3. <i>Physical Review B</i> , 2000 , 61, R9237-R9240	3.3	73

1247	Thickness-dependent transport properties of Nd2/3Sr1/3MnO3 thin films. 2000 , 77, 1674-1676		21
1246	Changes in the local structure of a La0.70Ca0.30MnO3 CMR sample induced by a magnetic field. <i>Physical Review B</i> , 2000 , 62, 8954-8958	3.3	8
1245	Metal-insulator transition in colossal magnetoresistance materials. <i>Physical Review B</i> , 2000 , 62, 3010-30)1 33 3	18
1244	Effect of annealing in reduced oxygen pressure on the electrical transport properties of epitaxial thin film and bulk (La1Ndx)0.7Sr0.3MnO3. <i>Journal of Applied Physics</i> , 2000 , 87, 3006-3010	2.5	38
1243	Charge-orbital ordering and phase separation in the two-orbital model for manganites: Roles of Jahn-Teller phononic and Coulombic interactions. <i>Physical Review B</i> , 2000 , 62, 9432-9452	3.3	114
1242	Magnetic polaron conductivity in FeCr2S4 with the colossal magnetoresistance effect. <i>Physical Review B</i> , 2000 , 62, 13872-13875	3.3	62
1241	Role of the rare-earth on the electrical and magnetic properties of cobalt perovskites. <i>Journal of Applied Physics</i> , 2000 , 87, 5612-5614	2.5	8
1240	Electrical transport and magnetic properties of a possible electron-doped layered manganese oxide. <i>Physical Review B</i> , 2000 , 61, 4141-4145	3.3	5
1239	Exchange biasing and low-field magnetoresistance in La0.67Ca0.33MnO3/La0.5Ca0.5MnO3 bilayers. <i>Physical Review B</i> , 2000 , 61, 8955-8959	3.3	9
1238	Melting of charge/orbital ordered states in Nd1/2Sr1/2MnO3: Temperature and magnetic-field-dependent optical studies. <i>Physical Review B</i> , 2000 , 62, 481-487	3.3	43
1237	Jahn-Teller effect and many-body correlation effect in LaMnO3. <i>Physical Review B</i> , 2000 , 61, 1223-1231	3.3	14
1236	Argon annealing of the oxygen-isotope-exchanged manganite La0.8Ca0.2MnO3+y. <i>Physical Review B</i> , 2000 , 62, 5334-5336	3.3	8
1235	Magnetic-field-tunable charge carrier localization in sintered polycrystalline La0.75Ca0.25MnO3. <i>Physical Review B</i> , 2000 , 63,	3.3	19
1234	A large low field colossal magnetoresistance in the La0.7Sr0.3MnO3 and CoFe2O4 combined system. <i>Journal of Applied Physics</i> , 2000 , 87, 5588-5590	2.5	80
1233	Landau theory of the phase transitions in half-doped manganites: Interplay of magnetic, charge, and structural order. <i>Physical Review B</i> , 2000 , 61, 3192-3195	3.3	13
1232	Order-disorder in the Jahn-Teller transition of LaMnO3: A Raman scattering study. <i>Physical Review B</i> , 2000 , 62, 11304-11307	3.3	51
1231	Optical investigations of the charge gap in orbital-ordered La1/2Sr3/2MnO4. <i>Physical Review B</i> , 2000 , 61, 6902-6906	3.3	27
1230	Transport mechanism in polycrystalline La0.825Sr0.175Mn1\(\mathbb{R}\)CuxO3. <i>Physical Review B</i> , 2000 , 61, 8917-8	39,231	136

1229	Silicon clathrate with an f-electron system. 2000 , 85, 3189-92		23	
1228	Tenfold magnetoconductance in a nonmagnetic metal film. 2000 , 85, 162-5		13	
1227	The electronic structure of La0.66Ca0.33MnO3 and La1.2Sr1.8Mn2O7 studied by angle resolved photoemission. <i>Journal of Applied Physics</i> , 2000 , 88, 786-789	2.5	7	
1226	Photocarrier injection effect on double exchange ferromagnetism in (La, Sr)MnO3/SrTiO3 heterostructure. 2000 , 76, 3245-3247		78	
1225	Magnetic domains and twin structure of the La0.7Sr0.3MnO3 single crystal. 2000 , 77, 2376-2378		31	
1224	Ferromagnetic polarons in manganites. <i>Physical Review B</i> , 2000 , 62, 15047-15055	3.3	18	
1223	Phase transition in perovskite manganites with orbital degree of freedom. <i>Physical Review B</i> , 2000 , 61, 14647-14655	3.3	17	
1222	Midinfrared Hall effect in thin-film metals: Probing the Fermi surface anisotropy in Au and Cu. <i>Physical Review B</i> , 2000 , 61, 8133-8140	3.3	22	
1221	Theory of orbital excitation and resonant inelastic x-ray scattering in manganites. <i>Physical Review B</i> , 2000 , 62, 2338-2345	3.3	39	
1220	Structure and lattice defects in LaMnO3+\(\text{Ind La0.96Sr0.04MnO3+\(\text{I}\)Physical Review B, 2000 , 61, 1351-1	3563	18	
1219	Isotope effects and charge-gap formation in the charge-ordered phase of colossal magnetoresistance manganites. <i>Physical Review B</i> , 2000 , 61, 8936-8940	3.3	7	
1218	Mesoscale magnetism at the grain boundaries in colossal magnetoresistive films. <i>Physical Review B</i> , 2000 , 63,	3.3	45	
1217	Local magnetic order in manganite thin films studied by 1/f noise measurements. <i>Physical Review B</i> , 2000 , 62, 11619-11625	3.3	41	
1216	Orbital degree of freedom and phase separation in ferromagnetic manganites at finite temperatures. <i>Physical Review B</i> , 2000 , 61, 451-458	3.3	64	
1215	Growth of ferromagnetic Nd0.7Sr0.3MnO3 films with an off-axis sputtering configuration. <i>Journal of Applied Physics</i> , 2000 , 88, 4236	2.5	16	
1214	Metallic conductance below Tc inferred by quantum interference effects in layered La1.2Sr1.8Mn2O7 single crystals. <i>Physical Review B</i> , 2000 , 63,	3.3	18	
1213	Optical study on the doping and temperature dependence of the anisotropic electronic structure in bilayered manganites: La2ØxSr1+2xMn2O7 (0.3. <i>Physical Review B</i> , 2000 , 62, 12354-12362	3.3	30	
1212	Interface chemistry and electrical properties of SrVO3/LaAlO3 heterostructures. <i>Journal of Applied Physics</i> , 2000 , 88, 7056-7059	2.5	8	

1211	Symmetry analysis of the magnetic structures of bilayered manganites La2\(\mathbb{Z}\)xSr1+2xMn2O7 near x=0.3: Phase separations and percolation. <i>Physical Review B</i> , 2000 , 62, 5297-5300	3.3	1
1210	Field-induced segregation of ferromagnetic nanodomains in Pr0.5Sr0.5MnO3 detected by 55Mn NMR. <i>Physical Review B</i> , 2000 , 61, 5924-5927	3.3	24
1209	High-temperature properties of the Sr2FeMoO6 double perovskite: Electrical resistivity, magnetic susceptibility, and ESR. <i>Physical Review B</i> , 2000 , 62, 3340-3345	3.3	90
1208	Phase diagram of an extended Kondo lattice model for manganites: The Schwinger-boson mean-field approach. <i>Physical Review B</i> , 2000 , 61, 1211-1217	3.3	9
1207	Structural properties of slightly off-stoichiometric homoepitaxial SrTixO3Ithin films. <i>Journal of Applied Physics</i> , 2000 , 88, 1844-1850	2.5	56
1206	Magnetic-field-dependent optical studies of a layered antiferromagnet Pr1/2Sr1/2MnO3. <i>Physical Review B</i> , 2000 , 62, 8634-8637	3.3	13
1205	Long-range hopping correlation and colossal magnetoresistance in doped manganites. 2000 , 12, 5453-54	162	3
1204	Formation of the (La0.67Sr0.33)2MnO4 Phase in LaBrMnD Thin Films by Pulsed Laser Deposition. 2000 , 15, 1524-1527		4
1203	Fatigue Properties of Lanthanum Strontium Manganatelead Zirconate Titanate Epitaxial Thin Film Heterostructures Produced by a Chemical Solution Deposition Method. 2000 , 15, 1546-1550		17
1202	Structural, magnetic, transport, and magneto-optical properties of single crystal La2/3Sr1/3MnO3 thin films. <i>Journal of Applied Physics</i> , 2000 , 87, 6773-6775	2.5	22
1201	Franck-condon-broadened angle-resolved photoemission spectra predicted in LaMnO3. 2000 , 85, 5178-8	3 1	47
1200	Photoexcitation and transport characteristics in doped manganite thin films. 2000 , 46, 225-228		5
1199	The spin-valve transistor1. 2000 , 33, 2911-2920		12
1198	Crystal structure of La1\(\mathbb{B}\)SrxMnO3\(\mathbb{D}\)x+\(\mathbb{E}\)2x. Journal of Alloys and Compounds, 2000 , 306, 133-140	5.7	16
1197	Phase behavior in the system LaxSr1 $\frac{1}{2}$ MnO(5+x)/2 (x=0.8 $\frac{1}{2}$.0) with trivalent state of manganese ion. <i>Journal of Alloys and Compounds</i> , 2000 , 308, 87-93	5.7	15
1196	Transport and ultrasonic properties in La0.67Sr0.33Mn0.87Fe0.13O3 perovskite. <i>Journal of Alloys and Compounds</i> , 2000 , 310, 59-61	5.7	2
1195	Crystal structures and giant magnetoresistance of fluoride La2/3Ca1/3MnO3 compounds. <i>Journal of Alloys and Compounds</i> , 2000 , 296, 33-38	5.7	6
1194	Thermal variations of the JahnIIIeller effect in a CMR manganite La0.7Ca0.3MnO3 and charge and magnetic ordering in 57Fe doped rare earth manganite. 2000 , 2, 671-675		7

1193	Conduction band polarization in some CMR materials: Evolving guidelines for new systems. 2000 , 2, 677-6	585	18
1192	Effect of Ti dopant on the carrier density collapse in colossal magnetoresistance material La0.7Ca0.3Mn1DTiyO3. <i>Physical Review B</i> , 2000 , 62, 15112-15119	1.3	81
1191	Strong oxygen-isotope effect on the intrinsic resistivity in the ferromagnetic state of manganites. <i>Physical Review B</i> , 2000 , 63,	5.3	28
1190	Why Are There so Few Magnetic Ferroelectrics?. 2000 , 104, 6694-6709		2875
1189	Magnetic properties and the phase diagram of La1-xSrxMnO3forx?0.2. 2000 , 12, 3993-4011		76
1188	Electric-pulse-induced reversible resistance change effect in magnetoresistive films. 2000 , 76, 2749-2751		768
1187	Colossal magnetoresistance and hyperfine interactions in iron-doped La0.75Ca0.25MnO3. <i>Physical Review B</i> , 2000 , 61, 9613-9620	3.3	40
1186	Large two-level magnetoresistance effect in doped manganite grain-boundary junctions. <i>Physical Review B</i> , 2000 , 62, R9248-R9251	1.3	37
1185	Colossal magnetoresistance and magnetic phase transitions in bulk Nd0.7Ba0.3MnO3. <i>Journal of Applied Physics</i> , 2000 , 87, 5819-5821	5	7
1184	Electrical transport in the ferromagnetic state of manganites: small-polaron metallic conduction at low temperatures. 2000 , 84, 6086-9		129
1183	High-frequency conductivity and phonon properties of La7/8Sr1/8MnO3. <i>Physical Review B</i> , 2000 , 62, 15673-15679	1.3	19
1182	Grain-boundary effects on the electrical resistivity and the ferromagnetic transition temperature of La0.8Ca0.2MnO3. 2000 , 77, 118-120		75
1181	Very large magnetoresistance in electrodeposited single-crystal Bi thin films (invited). <i>Journal of Applied Physics</i> , 2000 , 87, 4659-4664	5	35
1180	Low-field magnetoresistive property of partially crystallized La0.5Sr0.5MnO3 thin films by pulsed laser deposition. <i>Journal of Applied Physics</i> , 2000 , 88, 2791-2798	2.5	7
1179	Partially crystallized La0.5Sr0.5MnO3 thin films by laser ablation and their enhanced low-field magnetoresistance. 2000 , 76, 2286-2288		34
1178	Structural and magnetic properties of La0.7Pb0.3(Mn1\(\mathbb{H}\)Fex)O3 (0. <i>Physical Review B</i> , 2000 , 61, 9028-903\(\frac{5}{2}\)	5.3	85
1177	Unusual electrical transport mechanism in the ferromagnetic state of the magnetoresistive manganites. 2000 , 12, L361-L366		20
1176	Relaxation between charge order and ferromagnetism in manganites: Indication of structural phase separation. 2000 , 52, 674-680		92

1175	Magnetic and transport properties of Sn-doped La0.5Ca0.5MnO3. 2000, 33, 1982-1984		4
1174	Magnetic properties and colossal magnetoresistance of the perovskites La2/3Ca1/3Mn1⊠TixO3. Journal of Applied Physics, 2000 , 87, 5597-5599	2.5	35
1173	Effects of Fe doping in La0.67Sr0.33CoO3. Physical Review B, 2000, 62, 5289-5292	3.3	23
1172	ESR study in lightly doped La1⊠SrxMnO3. <i>Physical Review B</i> , 2000 , 61, 6213-6219	3.3	157
1171	Anomalous spin susceptibility and magnetic polaron formation in the double-exchange systems. <i>Physical Review B</i> , 2000 , 61, 9501-9505	3.3	32
1170	Colossal Magnetoresistance in La0.7Ca0.3MnO3-El Comparative Study of Single-Crystal and Polycrystalline Material. 2000 , 12, 3509-3515		39
1169	Determination of the magnetization scaling exponent for single-crystal La0.8Sr0.2MnO3 by broadband microwave surface impedance measurements. <i>Physical Review B</i> , 2000 , 61, R870-R873	3.3	81
1168	Magnetoresistance of coherently strained La2/3Ba1/3MnO3/SrTiO3 superlattices. <i>Physical Review B</i> , 2000 , 62, 15806-15814	3.3	72
1167	Ferromagnetic, A-type, and charge-ordered CE-type states in doped manganites using jahn-teller phonons. 2000 , 84, 3714-7		149
1166	Exchange interaction, spin cluster and transport behaviour in perovskites La0.67Sr0.33(Mn1-xNix)O3(x? 0.2). 2000 , 12, 601-610		20
1165	Layered Magnetic Manganites. 2000 , 30, 451-474		165
1164	Magnetic and magnetotransport properties in the Ni-doped La0.7Sr0.3MnO3 system. <i>Physical Review B</i> , 2000 , 61, 12271-12276	3.3	40
1163	Stability of the layered Sr3Ti2O7structure in La1.2(Sr1-xCax)1.8Mn2O7. 2000, 12, 1683-1689		30
1162	Enhancement of ferromagnetic cluster induced by magnetic field in the phase-separated La 0.5 Ca 0.5 MnO 3. 2000 , 9, 630-633		4
1161	Effect of Mn-site doping on the magnetotransport properties of the colossal magnetoresistance compound La2/3Ca1/3Mn1⊠AxO3 (A=Co,Cr; x. <i>Physical Review B</i> , 2000 , 62, 5678-5684	3.3	59
1160	Charge, orbital, and magnetic order in Nd0.5Ca0.5MnO3. <i>Physical Review B</i> , 2000 , 62, 5619-5626	3.3	132
1159	Temperature and doping dependence of the thermopower in LaMnO3. <i>Physical Review B</i> , 2000 , 61, 14	67 <u>5</u> 314	68 <i>9</i> 7
1158	Properties of the ferrimagnetic double perovskites A2FeReO6(A = Ba and Ca). 2000 , 12, 965-973		75

1157	Magnetic structure evolution of NdMnO3derived from neutron diffraction data. 2000 , 12, 1361-1376		90
1156	Unidirectional Anisotropy in Manganite Based Ferromagnetic-Antiferromagnetic Multilayers. 2000 , 177	7-185	
1155	Effect of Li substitution on the crystal structure and magnetoresistance of LaMnO3. <i>Journal of Applied Physics</i> , 2000 , 88, 5915-5919	2.5	49
1154	Drift mobility of semiconductive La0.5Sr0.5CoO3 films measured using the traveling wave method. 2000 , 76, 580-582		2
1153	Low-field magnetocaloric effect in Pr 0.5 Sr 0.5 MnO 3. 2000 , 52, 589-593		50
1152	Columnar defect induced phase transformation in epitaxial La0.7Ca0.3MnO3 films. <i>Journal of Applied Physics</i> , 2000 , 87, 4210-4215	2.5	31
1151	Nitrogen-annealing effects on the electrical resistivity and thermopower of layered La1.4Sr1.6Mn2O7+Eteramics. <i>Physical Review B</i> , 2000 , 61, 14323-14326	3.3	10
1150	Temperature and field dependence of the phase separation, structure, and magnetic ordering in La1\(\text{La1}\(\text{CaxMnO3} \) (x=0.47, 0.50, and 0.53). <i>Physical Review B</i> , 2000 , 61, 8895-8905	3.3	100
1149	Giant 1/f noise in perovskite manganites: Evidence of the percolation threshold. <i>Physical Review B</i> , 2000 , 61, R3784-R3787	3.3	98
1148	Fabrication of (La0.8Sr0.2)MnO3/(La1-xSrx)CrO3 Spin Frustrated Superlattices and Their Electrical Magnetic Properties. 2000 , 39, L460-L462		2
1147	Electronic correlations in manganites. 2000 , 84, 5168-71		57
1146	Effects of Cr doping in La0.67Ca0.33MnO3: Magnetization, resistivity, and thermopower. <i>Physical Review B</i> , 2000 , 63,	3.3	84
1145	Evidence of ferromagnetic domains in the La0.67Ca0.33Mn0.9Fe0.1O3 perovskite. <i>Physical Review B</i> , 2000 , 62, 1118-1123	3.3	63
1144	Magnetotransport properties and magnetostructural phenomenon in single crystals of La0.7(Ca1 Sry)0.3MnO3. <i>Physical Review B</i> , 2000 , 63,	3.3	84
1143	Synthesis of Superlattices of Intercalated Transition Metal Dichalcogenides. 2000 , 122, 8910-8915		8
1142	Phase separation, thermal history and magnetic behaviour of Sr doped LaCoO3. 2000 , 12, 9761-9770		17
1141	Variable-range hopping of small polarons in mixed-valence manganites. 2000 , 12, 10475-10480		60
1140	Evidence for the immobile bipolaron formation in the paramagnetic state of the magnetoresistive manganites. <i>Physical Review B</i> , 2000 , 62, R11949-R11952	3.3	42

1139	Chemical Heterogeneity in a Single Phase: Bi0.15Ca0.85MnO3, a Case Example of Macroscopic Phase Segregation. 2000 , 12, 3648-3657		13
1138	Structural change and charge ordering correlated ultrasonic anomalies in La1⊠CaxMnO3 (x=0.5,0.83) perovskite. <i>Physical Review B</i> , 2000 , 63,	3.3	34
1137	Effect of magnetic exchange interactions in La(Sr)MnO3/LaMO3 (M=Fe,Cr,Co,Ni) artificial superlattices and their magnetic/ electrical properties. <i>Journal of Applied Physics</i> , 2000 , 88, 1559-1565	2.5	24
1136	Strain-dependent vacuum annealing effects in La0.67Ca0.33MnO3Ifilms. 2000, 76, 1164-1166		90
1135	Preparation and properties of epitaxial La0.7Ca0.3MnO3-films with reduced carrier density. 2000 , 12, 7099-7109		31
1134	Peculiar physical properties and the colossal magnetoresistance of manganites (Review). 2000 , 26, 171	-193	101
1133	Temperature dependent phenomena in La1\subseteq SrxMnO3 films studied by magnetic force microscopy. <i>Journal of Applied Physics</i> , 2000 , 87, 6743-6745	2.5	26
1132	Electronic transport properties of conducting polymers and carbon nanotubes. 2001 , 64, 1-49		349
1131	Polyacrylamide gel: an efficient tool for easy synthesis of multicomponent oxide precursors of ceramics and glasses. 2001 , 3, 699-707		82
1130	Structural, magnetic, and transport properties in a Cu-doped La0.7Ca0.3MnO3 system. <i>Journal of Applied Physics</i> , 2001 , 90, 6263-6267	2.5	37
1129	PHASE TRANSITION IN LAYERED PEROVSKITE LIKE MANGANATE Ca3Mn2O7 UNDER HIGH PRESSURE. 2001 , 15, 2491-2497		2
1128	Charge transport in manganites: Hopping conduction, the anomalous Hall effect, and universal scaling. <i>Physical Review B</i> , 2001 , 63,	3.3	103
1127	Magnetotransport properties of a single grain boundary in a bulk LaCaMnD material. <i>Journal of Applied Physics</i> , 2001 , 90, 5692-5697	2.5	32
1126	Interplay between charge, orbital, and magnetic ordering in La1\(\mathbb{B}\)SrxMnO3. <i>Physical Review B</i> , 2001 , 64,	3.3	85
1125	Large magnetic entropy change in (Pr1-xNdx)0.5Sr0.5MnO3. 2001 , 34, 1868-1871		5
1124	Site Disorder Induced Hexagonal Orthorhombic Transition in Y3+1-xGd3+xMnO3. 2001 , 13, 4804-4807		21
1123	The valence state of Ce in electron-doped manganites: La0.7Ce0.3MnO3. 2001 , 13, 3779-3789		31
1122	Theory of spin-wave excitations of metallic A-type antiferromagnetic manganites. <i>Physical Review B</i> , 2001 , 64,	3.3	5

(2001-2001)

1121	Structural effect on colossal magnetoresistivity in manganites: Bond versus band. <i>Physical Review B</i> , 2001 , 64,	3.3	13
1120	Valence-band photoemission spectroscopy of the giant magnetoresistive spinel compound Fe0.5Cu0.5Cr2S4. <i>Physical Review B</i> , 2001 , 63,	3.3	18
1119	Low-temperature magnetization step and its training effects in phase-separated La0.5Ca0.5MnO3. 2001 , 13, 1973-1978		7
1118	Low-temperature charge and magnetic order of Bi0.5Sr0.5MnO3. <i>Physical Review B</i> , 2001 , 64,	3.3	49
1117	Colossal-magnetoresistive manganite thin films. 2001 , 13, R915-R944		215
1116	Multiphonon resonant Raman scattering predicted in LaMnO3 from the Franck-Condon process via self-trapped excitons. <i>Physical Review B</i> , 2001 , 64,	3.3	41
1115	Electronic structure of doped LaMnO3perovskite studied by x-ray photoemission spectroscopy. 2001 , 13, 5519-5525		8
1114	Structural, magnetic and magnetoresistive properties of La0.7Sr0.3-xNaxMnO3manganites. 2001 , 13, 449-458		44
1113	Coupling between lattice distortions and magnetism in La 0.9 Sr 0.1 MnO 3 thin films. 2001 , 54, 619-625	j	21
1112	Magnetoresistance in manganite/alumina nanocrystalline composites. <i>Journal of Applied Physics</i> , 2001 , 89, 1746	2.5	101
1111	Strain-induced anisotropic low-field magnetoresistance of LaBrMnD thin films. <i>Journal of Applied Physics</i> , 2001 , 90, 6145-6150	2.5	22
1110	Specific heat and thermal expansion of La0.65Ca0.35MnO3: Magnetic-field dependence, isotope effect, and evidence for a first-order phase transition. <i>Physical Review B</i> , 2001 , 65,	3.3	38
1109	Magnetic properties of self-assembled nanoscale La2/3Ca1/3MnO3 particles in an alumina matrix. 2001 , 79, 1327-1329		37
1108	Evidence of spin-polarized tunneling in phase-separated manganites La1/3Sr2/3\BaxMnO3 (0?x?0.67). 2001 , 79, 3470-3472		3
1107	Enhanced room-temperature magnetoresistance in La0.7Sr0.3MnO3-glass composites. 2001 , 78, 362-36	54	133
1106	Substrate effect on the magnetic microstructure of La0.7Sr0.3MnO3 thin films studied by magnetic force microscopy. 2001 , 78, 3681-3683		76
1105	Evolution of the Magnetic Structure of Hexagonal HoMnO3 from Neutron Powder Diffraction Data. 2001 , 13, 1497-1505		131
1104	Ferromagnetic suppression of the charge-ordering temperature in La1⊠CaxMnO3. <i>Physical Review B</i> , 2001 , 63,	3.3	11

1103	Study of the e(g) orbitals in the bilayer manganite La(22x)Sr(1+2x)Mn(2)O(7) by using magnetic Compton-profile measurement. 2001 , 86, 5589-92		74
1102	Crystal structure, electronic structure, and magnetic properties of bismuth-strontium ferrites. <i>Journal of Alloys and Compounds</i> , 2001 , 315, 259-264	5.7	105
1101	Studies of the effect of internal and hydrostatic pressure on the structure and transport properties of La2/3Ca1/3MnO3 thin films. <i>Journal of Alloys and Compounds</i> , 2001 , 317-318, 141-144	5.7	4
1100	Raman phonons and light scattering in RMnO3 (R=La, Pr, Nd, Ho, Er Tb and Y) orthorhombic and hexagonal manganites. <i>Journal of Alloys and Compounds</i> , 2001 , 323-324, 494-497	5.7	55
1099	Fe doping in La0.7Sr0.3MnO3 magnetoresistant perovskite. <i>Journal of Alloys and Compounds</i> , 2001 , 323-324, 440-443	5.7	18
1098	Phase segregation and orbital ordering in Bi1\(\text{LCaxMnO3} \) (x\(\text{D}.75 \)): a neutron and synchrotron X-ray diffraction study. <i>Journal of Alloys and Compounds</i> , 2001 , 323-324, 408-411	5.7	1
1097	Raman phonons and the Jahn Teller transition in RMnO3 manganites. <i>Journal of Alloys and Compounds</i> , 2001 , 323-324, 417-421	5.7	27
1096	Magnetic and transport properties of La0.7Cd0.3(Mn0.9TM0.1)O3 transition metal doped manganites. <i>Journal of Alloys and Compounds</i> , 2001 , 323-324, 524-526	5.7	5
1095	Conduction mechanisms in pure and doped polycrystalline orthorhombic manganites. <i>Journal of Alloys and Compounds</i> , 2001 , 323-324, 527-530	5.7	5
1094	Effect of Dy substitution for La in La0.7Ca0.3MnO3 perovskite. <i>Journal of Alloys and Compounds</i> , 2001 , 326, 89-93	5.7	18
1093	Critical behaviour of some perovskites and pyrochlores: what unusual and what not. <i>Journal of Alloys and Compounds</i> , 2001 , 326, 36-46	5.7	20
1092	Transport and thermal properties of La0.67Ca0.33Mn1⊠MxO3 (M=Fe, Zr and Hf). <i>Journal of Alloys and Compounds</i> , 2001 , 326, 65-68	5.7	15
1091	Transport and magnetic properties of bulk and epitaxial thin film of Pr0.5Sr0.5MnO3. <i>Journal of Alloys and Compounds</i> , 2001 , 326, 317-320	5.7	3
1090	Magnetoresistive behaviour of La0.67(Ca0.33NPbx)MnO3 nanopowders prepared at lower temperature. <i>Journal of Alloys and Compounds</i> , 2001 , 326, 255-259	5.7	7
1089	Enhancement of magnetoresistance in La0.67Ca0.33MnO3/Pr0.7Ca0.3MnO3 epitaxial multilayers. Journal of Alloys and Compounds, 2001 , 326, 270-274	5.7	15
1088	Synthesis and magnetic properties of perovskite La1\(\mathbb{L}\)CaxMn0.9Li0.1O3. <i>Journal of Alloys and Compounds</i> , 2001 , 325, 281-284	5.7	2
1087	Strong reduction of lattice effects in mixed-valence manganites related to crystal symmetry. <i>Physical Review B</i> , 2001 , 65,	3.3	84
1086	Strain-induced insulator the tal transition and room-temperature colossal magnetoresistance in low-doped La1 BaxMnO3 thin films. <i>Journal of Applied Physics</i> , 2001 , 90, 6275-6279	2.5	9

1085	Twin crystallization in La2/3Ba1/3MnO3+⊡xide and its effect on the saturation magnetization. 2001 , 79, 1330-1332		5
1084	Giant electric field modulation of double exchange ferromagnetism at room temperature in the perovskite manganite/titanate p-n junction. 2002 , 88, 027204		304
1083	Large magnetoresistance and finite-size effect in electrodeposited bismuth lines. <i>Journal of Applied Physics</i> , 2001 , 89, 7206-7208	2.5	13
1082	Large magnetoresistance in Ni1⊠FexS near room temperature. 2001 , 79, 96-98		5
1081	Conduction noise in La0.67Ca0.33MnO3 film. <i>Journal of Applied Physics</i> , 2001 , 90, 2853-2856	2.5	6
1080	Magnetism and superconductivity in La0.7Ca0.3MnO3/YBa2Cu3O7Buperlattices. <i>Journal of Applied Physics</i> , 2001 , 89, 8026-8029	2.5	52
1079	Localization of Electrons in Extended Systems. 2001 , 355, 217-229		16
1078	The phase separation due to A-site-cation size mismatch in La0.5Ca0.5-xBaxMnO3. 2001 , 13, 1627-1639		12
1077	Vertical boundary at x□.11 in the structural phase diagram of the La1⊠SrxMnO3 system (0.08. <i>Physical Review B</i> , 2001 , 64,	3.3	45
1076	Correlations between the magnetic and structural properties of Ca-doped BiMnO3. <i>Physical Review B</i> , 2001 , 63,	3.3	107
1075	Magnetic Properties and Structural Evolution in Nd0.5Sr1.5MnO4. 2001 , 13, 945-951		15
1074	Possible double-exchange interaction between manganese and chromium in LaMn1\(\text{\text{BCrxO3}}.\) Physical Review B, 2001 , 63,	3.3	86
1073	Considerations on the quantum double-exchange Hamiltonian. <i>Physical Review B</i> , 2001 , 64,	3.3	13
1072	Control of the colossal magnetoresistance by strain effect in Nd0.5Ca0.5MnO3 thin films. 2001 , 79, 647-	649	25
1071	Transport and magnetic properties in the ferromagnetic regime of La1 \square CaxMnO3. <i>Physical Review B</i> , 2001 , 63,	3.3	84
1070	Phase separation in structural and magnetic transitions in Pr0.5Ca0.5-xSrxMnO3(x= 0.15 and 0.3). 2001 , 13, 6813-6834		7
1069	Resistivity and magnetoresistance of ferromagnetic metals with localized spins. <i>Physical Review B</i> , 2001 , 63,	3.3	64
1068	Phase separation as origin of the magnetic anomalies in La0.85Sr0.15CoO3. <i>Journal of Applied Physics</i> , 2001 , 89, 5606-5609	2.5	36

1067 Photoinduced Heating and Phase Transition in CMR Materials. 2001 , 690, F3.7.1	1
1066 Strain Accommodation and Relaxation Mechanisms in Epitaxially Grown Manganites. 2001 , 696, 1	
Materials Characterization and Device Performance of a CMR-Ferroelectric Heterostructure. 2001 , 699, 1021	1
Structure and microstructure of La1 \blacksquare Sr x MnO3 (x \blacksquare 0.16) films grown on a SrTiO3(110) substrate. 2001 , 81, 2865-2884	8
1063 Critical Slowing Down in La0.7Sr0.3MnO3: Comparison with La0.7Ca0.3MnO3. 2001 , 70, 3466-3467	7
1062 Charge ordering and magnetoresistance of Ca1\(\mathbb{U}\)CexMnO3. <i>Physical Review B</i> , 2001 , 63, 3.3	72
1061 Investigation of Phonon Anomaly in the Orbital Order State of La1-xSrxMnO3(x~1/8). 2001 , 70, 902-910	2
Comparison of the Giant Magnetoimpedance Effect between Ferromagnetic La0.64Ba0.36MnO3-δ and Paramagnetic La0.64Ba0.36Mn0.95Fe0.05O3-δ 2001, 42, 1790-1793	6
Large Magnetic Entropy Change near Charge-Ordered Transition Temperature in Nd0.5Sr0.5MnO3. 2001 , 70, 1080-1083	9
1058 Magnetic tunnel junctions (MTJs). 2001 , 46, 709-716	
The magnetism and CMR effect in FeCr2-x GaxS4. 2001 , 44, 504-512	
1056 Epitaxial oxide thin films by pulsed laser deposition: Retrospect and prospect. 2001 , 113, 445-458	22
1055 Manganese reactivity in the synthesis of magnetoresisting complex oxides. 2001 , 141-142, 617-621	3
1054 Electronic structures of electron-doped manganite: La0.7Ce0.3MnO3. 2001 , 114-116, 801-805	11
Photoemission spectroscopy of half-metallic perovskite manganites Pr1\substacksrxMnO3. 2001 , 114-116, 683-688	8
Photoemission spectroscopy of half-metallic perovskite manganites Pr1\substacksrxMnO3. 2001, 114-116, 683-688 1052 Electronic phase separation and giant cluster coexistence in manganites. 2001, 117-118, 251-264	8

(2001-2001)

	Magnetic-field modulation experiments on colossal magnetoresistance samples: first results. 2001 , 8, 366-8	3
1048	Valence selective DAFS measurements of Mn in La1/3Ca2/3MnO3. 2001 , 8, 384-6	4
	In situ oxygen control and high thermal stability of epitaxial (La1Ndx)0.7Sr0.3MnO3 films fabricated by pulsed laser deposition. 2001 , 389, 56-61	2
7016	Low-field magnetoresistance in La2/3Sr1/3MnO3 granular composites by a sol g el coating process. 2001 , 117, 471-475	11
1045	Magnetic behavior in the Cu-doped samples of La2/3Ca1/3Mn1ឱCuxO3(0ឱ្ ព្ .3). 2001 , 117, 661-666	9
1044	Spin glass state in Gd2CoMnO6 perovskite manganite. 2001 , 118, 27-30	27
1043	Density functional theory of magnetic systems revisited. 2001 , 118, 123-127	76
1042	The self-organised phases of manganites. 2001 , 119, 271-280	106
	Effects of strain and grain size on the transport and magnetic anisotropic properties of (La1⊠Snx)yMnO3tepitaxial films. 2001 , 119, 387-391	1
	Effect of A-cation size variance on structural and physical properties of praseodymium manganites Pr0.85(Na1⊠Kx)0.15MnO3. 2001 , 119, 517-521	6
	Close correlation among lattice, spin, and charge in the manganese-based antiperovskite material. 2001 , 119, 507-510	89
1038	Low field magnetoresistance in intrinsic granular system La1\(\mathbb{B}\) BaxMnO3. 2001 , 119, 613-618	7
1037	Thermal transition behavior of La1⊠CaxMnO3Љxides. 2001 , 120, 107-112	5
1036	Spectral density approach to the double exchange model. 2001 , 120, 325-329	1
1035	Fe and Mo Valences in Sr2FeMoO6. 2001 , 120, 161-164	39
1034	Dynamics of the low temperature inhomogeneous phase in manganese perovskites. 2001 , 120, 317-320	9
1033	Nearly zero temperature coefficient of resistivity in antiperovskite compound CuNMn3. 2001, 120, 307-310	238
	Ruthenium doping of the layered charge ordered manganites, La0.5Sr1.5MnO4 and LaSr2Mn2O7. 2001 , 120, 363-368	7

Anomalous post-annealing effects on magnetic and electrical properties of La0.8Ca0.2MnO3. 2 120, 359-362	2001 , 4
1030 Magnetotransport correlations in Pr- and La-based manganites. 2001 , 120, 469-474	
The effects of Cu doping on the magnetoresistive behavior of perovskites La0.7Ca0.3MnO3. 2 0 120, 495-499	001 , 27
$_{ m 1028}$ Dynamical properties of photo-induced spin disorder in doped manganites. 2001 , 94-95, 545-5	49 1
Positron annihilation studies on the La1NPbxMnO3 system. 2001 , 299, 130-134	7
1026 Magnetic properties and magnetoresistance of Bi and Fe substituted manganites. 2001 , 299, 2	2 86-292 8
1025 Variable range hopping conduction in Gd1/3Sr2/3FeO3. 2001 , 304, 75-78	17
Diffusive spin dynamics in lanthanomanganites with colossal magnetoresistance behaviour. 20^{1024} 301, 105-109	001 ,
1023 Spin-dependent transport in trilayer junctions of doped manganites. 2001 , 350, 215-226	18
1022 Holstein and Frülich bipolarons. 2001 , 364-365, 141-143	3
1021 Topography and magnetoresistance in Nd0.6Sr0.4MnO films. 2001 , 364-365, 668-673	2
1020 Raman spectra from isotope substituted La0.67Ca0.33MnO3. 2001 , 364-365, 647-651	2
Giant magnetoimpedance effect in La0.65Sr0.35MnO3 under low dc magnetic fields. 2001 , 79,	186-189 14
Impact of granularity on transport properties of mechanically stressed La0.67Ca0.33MnO3 film 2001 , 79, 133-139	ns. 7
Highly sensitive low-temperature low-field colossal magnetoresistance in screen printed La0.63Y0.07 Ca0.30MnO3 thick films. 2001 , 83, 79-83	3
1016 Electronic transport and magnetic properties in (La1⊠Gdx)0.67 Ca0.33MnO⊕erovskites. 2001 ,	83, 70-73 8
Optical and electrical conductivity of La0.8Sr0.2MnO3 thin films deposited by laser ablation. 2 0 83, 227-230	001,
Effect of substrate dependence on microstructure and magnetoresistance of lanthanum mang films. 2001 , 84, 182-188	ganite 4

Localization and dephasing driven by magnetic fluctuations in colossal magnetoresistance materials. **2001**, 9, 374-379

1012 Magnetic position sensor based on nanocrystalline colossal magnetoresistances. 2001 , 92, 137-143	7
1011 Isotope effect on Raman spectra of polycrystalline La0.67Ca0.33MnO3. 2001 , 32, 812-816	3
Pressure Dependence of the Lattice Distortion in Perovskite La0.5⊠BixCa0.5MnO3 (x=0.1, 0.15, 0.2). 2001 , 160, 307-310	11
Transport Properties and Magnetoresistance in Pr0.7Pb0.3MnO3 Single Crystals. <i>Physica Status Solidi (B): Basic Research</i> , 2001 , 227, 557-562	2
Temperature Dependence of Complex Permeability and Domain Wall Relaxation in Polycrystalline Perovskite La0.7Sr0.3MnO3. 2001 , 183, 421-426	8
Magnetic Field Dependent on Ultrasonic Sound Velocity and Attenuation in Charge-Ordering Manganese Oxide La0.5Ca0.5MnO3. 2001 , 184, 251-256	6
1006 Phase Separation and Transport Behavior in La0.5Ca0.5⊠BaxMnO3. 2001 , 185, 391-399	6
Effect of Subsidiary Phase on the Magnetic and Transport Properties of Sr1.6La1.4Mn2O7. 2001 , 185, 401-411	1
1004 Effect of Oxygen Content on the Electrical Transport Properties of La0.4Ca0.6MnO3 . 2001 , 187, 529-534	8
High-Field Magnetoresistance of La0.7Sr0.3MnO3 with Nanometer Scale Size Grain at Low and Room Temperatures. 2001 , 188, 1121-1128	1
Transport and Magnetic Anisotropy in CMR Thin Film La1\(\mathbb{U}\)CaxMnO3 (x \(\mathbb{I}\)/3) Induced by a Film\(\mathbb{B}\)ubstrate Interaction. 2001 , 188, 1187-1207	17
1001 Ab initio cluster study of the bilayer manganite La2@xSr1+2xMn2O7. 2001 , 350, 359-366	4
Twinned LaAlO3 substrate effect on epitaxially grown LaCaMnD thin film crystalline structure. 2001, 223, 129-134	15
La1\(\text{\mathbb{B}}\) BaxMnOz thin film growth by ion beam sputtering: effects of oxygen partial pressure. 2001 , 229, 415-418	3
998 The physics of manganites: Structure and transport. 2001 , 73, 583-628	2009
997 Bipolarons in the extended Holstein Hubbard model. <i>Physical Review B</i> , 2001 , 64, 3.3	76
Pressure-induced quenching of the Jahn-Teller distortion and insulator-to-metal transition in LaMnO(3). 2001 , 87, 125501	230

995	Magnetoresistive Properties of Bulk Polycrystalline Manganites. 2001, 37, 181-185		3
994	State of Manganese in Solid Solutions of Complex Bismuth Niobates with a Layered Perovskite Structure. 2001 , 71, 1153-1154		
993	Large low-field magnetoresistance of a two-layered La2🛭xCa1+2xMn2O7 polycrystal. 2001 , 282, 209-2	14	5
992	Ferromagnetic transition in a double-exchange system with alloy disorder. 2001 , 302, 345-358		6
991	Relaxation nature of a current settling upon the application of an electric voltage in LaMnO3 crystals. <i>Physics of the Solid State</i> , 2001 , 43, 305-308	0.8	1
990	Variation of the electrophysical properties of La0.67Ca0.33MnO3 epilayers during secondary recrystallization. 2001 , 46, 1260-1264		3
989	Valence electronic structure of Mn in undoped and doped lanthanum manganites from relative K X-ray intensity studies. 2001 , 174, 344-350		11
988	Effect of high temperature sintering schedule for enhanced CMR properties of La0.67Ca0.33MnO3 close to room temperature. <i>Materials Chemistry and Physics</i> , 2001 , 67, 267-271	4.4	11
987	Plasma deposition of La0.8Sr0.2MnO3 thin films on yttria-stabilized zirconia from aerosol precursor. <i>Materials Chemistry and Physics</i> , 2001 , 72, 297-300	4.4	14
986	Large magnetoresistance in double perovskite Sr2Cr1.2Mo0.8O6-□ 2001 , 36, 705-715		28
985	Synthesis, crystal structure, and magnetic characterization of the double perovskite Ba2MnWO6. 2001 , 36, 2215-2228		56
984	Low temperature synthesis of ferromagnetic (LaK)MnO3 from KCl, KBr and KI fluxes. 2001 , 3, 43-48		7
983	Grain-size dependence of complex permeability in polycrystalline perovskite La0.7Sr0.3MnO3. Journal of Magnetism and Magnetic Materials, 2001 , 223, 50-54	2.8	17
982	Phase separation scenario for manganese oxides. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 773-774	2.8	6
981	Magnetic phase transitions in the Nd(Mn0.9Me0.1)O3 (Me=Al, Fe, Cr, Zn) perovskites. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 231, 53-56	2.8	13
980	Theory of manganites: key role of intrinsic inhomogeneities. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 763-768	2.8	6
979	Enhancement of magnetoresistance in La0.75Ca0.25MnO3 thin films grown on Si (100) substrates. Journal of Magnetism and Magnetic Materials, 2001 , 226-230, 1678-1680	2.8	3
978	Magnetic phase transitions studied by magnetic force microscopy. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 857-859	2.8	9

(2001-2001)

977	Magnetovolume effect in the paramagnetic phase of Sm1⊠SrxMnO3 (x=0.45,0.33) compounds. Journal of Magnetism and Magnetic Materials, 2001 , 226-230, 999-1001	2.8	14
976	Transport properties and magnetoresistance behavior of Nd0.7Pb0.3MnO3 single crystals. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 224, 162-166	2.8	1
975	Magnetoresistance of La1\(\mathbb{R}\)SrxMnO3 films deposited by RF magnetron co-sputtering. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 754-756	2.8	8
974	Giant magnetoimpedance effect in La0.7Ca0.3MnO3 under low magnetic fields. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 231, 1-3	2.8	38
973	Extraordinary colossal magnetoresistance in La0.67Ca0.33Mn1\(\textbf{\textit{BCrxO3}}\) (x?0.3). <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 231, 195-198	2.8	12
972	Simultaneous structural, magnetic, and electronic transition and electronic structure in La0.85Na0.15MnO3. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 237, 143-146	2.8	4
971	Magnetoimpedance effect in La0.7Sr0.3MnO3. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 234, 419-422	2.8	40
970	First principles study of structural, electronic and magnetic interplay in ferroelectromagnetic yttrium manganite. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 236, 176-189	2.8	54
969	Substrate dependence of magnetic properties of La0.67Ca0.33MnO3 films. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 237, 61-68	2.8	53
968	The theory analysis of the field dependence of the magnetoresistance of La0.7Ca0.3MnO3 film. Journal of Magnetism and Magnetic Materials, 2001 , 237, 55-60	2.8	1
967	Phase separation region in the phase diagram of polycrystalline Pr0.65Ca0.35\subsetensionSrxMnO3. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 237, 241-249	2.8	16
966	Magnetic properties of RFe1⊠MnxO3 (R=Pr, Gd, Dy). <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 237, 250-260	2.8	43
965	Nanoclusters and nanocluster systems. Assembling, interactions and properties. 2001 , 70, 177-210		97
964	Microstructure of La1⊠CaxMnO3 studied by transmission electron microscopy. 2001 , 16, 2959-2965		6
963	Thickness Dependence of Transport Properties of Epitaxial SrRuO3 Thin Films Grown on SrTiO3 Substrates. 2001 , 690, F3.5.1		
962	Combinatorial synthesis and high throughput evaluation of electronic and photonic material chips. 2001 , 257-IV		
961	Phase Separation and Destabilization of the Charge-Ordered State in Cr-Doped Manganites. 2001 , 70, 267-271		18
960	Changes of the local distortions and colossal magnetoresistive properties of La0.7Ca0.3MnO3 induced by Ti or Ga deffects. 2001 , 155, 37-41		

959	CONCLUDING REMARKS ON CMR AND RELATED PROBLEMS: CONFERENCE SUMMARY II. 2001 , 15, 4267-427	0 2
958	Field-induced transition in the layered manganite LaEu0.2Sr1.8Mn2O7. 2001 , 13, 917-927	7
957	Perovskites: Resistivity Behavior. 2001 , 6826-6834	
956	Materials Chemistry and Biomimetics. 2001 , 425-461	
955	Monte Carlo Simulation of the Temperature-Dependent Resistance for (La 1- \times Y \times) 2/3 Ca 1/3 MnO 3 (0? \times ?0.2). 2001 , 18, 1392-1394	9
954	Local Atomic Structure of CMR Manganites and Related Oxides. 2001 , 115-160	5
953	Improvement in properties of La0.67Ca0.33MnO3polycrystalline film due to silver addition. 2001 , 34, 673-677	9
952	Microstructures of La1 \blacksquare Ax(A = Ca or Sr)MnO3 \blacksquare thin films by liquid-delivery metalorganic chemical vapor deposition. 2001 , 16, 3073-3083	5
951	Monte Carlo simulation of colossal magnetoresistance in doped manganese perovskites. 2001 , 13, L509-L514	13
950	Quantum effects in the quasiparticle structure of the ferromagnetic Kondo lattice model. 2001 , 13, 2531-254	812
949	Delocalizing Effect of Polarons in Colossal Magnetoresistance Material FeCr 2 S 4. 2001 , 18, 604-607	1
948	Substituting effects of Sm in polycrystalline La-Ca-Mn-O. 2001 , 13, 2009-2016	5
947	Magnetic Long-Range Order and Colossal Magnetoresistance Effect in Double Exchange Ladders. 2001 , 18, 1264-1267	3
946	Optical Detection by a La0.67Ca0.33MnO3-yThin-Film Microbridge. 2001 , 40, 4886-4890	2
945	Magnetic Properties and Low-Field Magnetoresistance of Pr 0.7 Pb 0.3 MnO 3 Single Crystals. 2001 , 18, 598-600	16
	10, 570 000	
944	Thermal hysteresis in low-frequency noise of La0.7Sr0.3Mn0.92Fe0.08O3thin films at low magnetic field. 2001 , 13, 8745-8753	6
944	Thermal hysteresis in low-frequency noise of La0.7Sr0.3Mn0.92Fe0.08O3thin films at low magnetic	9

(2001-2001)

941	Charge density studies utilizing powder diffraction and MEM. Exploring of high Tc superconductors, C60 superconductors and manganites. 2001 , 216, 71-86		147
940	Enhanced metal i hsulator transition and magnetoresistance in melt-processed La0.67Ca0.33MnO3 and Ho-doped manganites. 2001 , 78, 1598-1600		18
939	SPIN AND ORBITAL PHYSICS IN MANGANITES. 2001 , 15, 2727-2745		1
938	Tuning colossal magnetoresistance response by Cr substitution in La0.67Sr0.33MnO3. 2001 , 78, 643-6	45	61
937	Spectral properties and infrared absorption in manganites. <i>Physical Review B</i> , 2001 , 64,	3.3	20
936	Positive magnetoresistance from quantum interference effects in perovskite-type manganites. <i>Physical Review B</i> , 2001 , 64,	3.3	41
935	Generic model of the colossal magnetoresistance pyrochlore Tl2Mn2O7. <i>Physical Review B</i> , 2001 , 65,	3.3	5
934	Magnetoresistance in ultrafine powders of half-metallic perovskite manganites. <i>Physical Review B</i> , 2001 , 64,	3.3	15
933	Low-temperature specific heat in Pr0.63Ca0.37MnO3: Phase separation and metamagnetic transition. <i>Physical Review B</i> , 2001 , 63,	3.3	34
932	Ferromagnetic transition in a double-exchange system containing impurities. <i>Physical Review B</i> , 2001 , 65,	3.3	29
931	Ab initio study of disorder effects on the electronic and magnetic structure of Sr2FeMoO6. <i>Physical Review B</i> , 2001 , 64,	3.3	105
930	Ab initio calculation of resonant x-ray scattering in manganites. <i>Physical Review B</i> , 2001 , 63,	3.3	60
929	Magnetic domain-wall width in La0.7Ca0.3MnO3 thin films measured using Fresnel imaging. <i>Physical Review B</i> , 2001 , 64,	3.3	34
928	Large room-temperature magnetoresistance and phase separation in La1NaxMnO3 with 0.1?x?0.3. <i>Journal of Applied Physics</i> , 2001 , 90, 2943-2948	2.5	81
927	Impedance spectroscopy evidence of the phase separation in La0.3Pr0.4Ca0.3MnO3 manganite. Journal of Applied Physics, 2001 , 89, 6636-6638	2.5	17
926	Misfit strain induced lattice distortions in heteroepitaxially grown LaxCa1\(\text{M} \n 03 \) thin films studied by extended x-ray absorption fine structure and high-resolution x-ray diffraction. <i>Journal of Applied Physics</i> , 2001 , 89, 2134-2137	2.5	32
925	Suppression of structural and magnetotransport transitions in compressed Pr0.5Sr0.5MnO3 thin films resulting in colossal magnetoresistance effect. 2001 , 78, 3857-3859		20
924	Alternating current susceptibility study of the low doped regime of La1\subsetensionsrmmO3 perovskites. Journal of Applied Physics, 2001, 89, 6633-6635	2.5	4

923	Mean-field approach for the B phase of (La,Ca)MnO3. Journal of Applied Physics, 2001, 89, 6624-6626	2.5	
922	Magnetotransport in manganite trilayer junctions grown by 90° off-axis sputtering. 2001 , 79, 233-235		26
921	Electronic structure of the double-perovskite Ba2FeMoO6 using photoemission spectroscopy. <i>Physical Review B</i> , 2001 , 64,	3.3	35
920	Charge and magnetic ordering in the electron-doped magnetoresistive materials CaMnO3☐ (⊞0.06,0.11). <i>Physical Review B</i> , 2001 , 64,	3.3	41
919	Excitations in the anisotropic spin-orbital model. <i>Physical Review B</i> , 2001 , 63,	3.3	6
918	Structure and charge-ordering transition in Bi-based bilayered Bi0.44Ca2.56Mn2O7 manganite. <i>Physical Review B</i> , 2001 , 63,	3.3	5
917	Magnetoelectronic properties of a ferrimagnetic semiconductor: The hybrid cupromanganite CaCu3Mn4O12. <i>Physical Review B</i> , 2001 , 65,	3.3	70
916	Influence of cuprate spacer layer on electrical and magnetic properties of La0.6Pb0.4MnO3/La4BaCu5O13+x multilayers. <i>Physical Review B</i> , 2001 , 63,	3.3	8
915	Magnetotransport studies and mechanism of Ho- and Y-doped La0.7Ca0.3MnO3. <i>Physical Review B</i> , 2001 , 63,	3.3	37
914	Numerical method to test a theoretical model of the quantum interference effect in layered manganites. <i>Physical Review B</i> , 2001 , 63,	3.3	
913	Temperature dependence of low-lying electronic excitations of LaMnO3. <i>Physical Review B</i> , 2001 , 64,	3.3	35
912	Magnetoresistance and magnetothermoelectric power of La0.5Pb0.5Mn1 $\mbox{\ensuremath{\square}}$ CrxO3. <i>Physical Review B</i> , 2001 , 64,	3.3	63
911	Structural, magnetic, and transport properties in La0.7Ca0.3Mn1\(\mathbb{B}\)ScxO3. <i>Journal of Applied Physics</i> , 2001 , 90, 4609-4613	2.5	7
910	Electronic structure, magnetism, and superconductivity of MgCxNi3. <i>Physical Review B</i> , 2001 , 64,	3.3	71
909	A-face-centered Bi0.75Ca3.25Mn3O10: A Bi-based orthorhombic 4310-type bilayered manganite. <i>Physical Review B</i> , 2001 , 64,	3.3	2
908	Magnetic anisotropy of thin film La0.7Ca0.3MnO3 on untwinned paramagnetic NdGaO3 (001). <i>Journal of Applied Physics</i> , 2001 , 89, 3388-3392	2.5	39
907	Low-density approach to the Kondo-lattice model. <i>Physical Review B</i> , 2001 , 64,	3.3	32
906	Observation of heat flow at transition temperature in La1\(\mathbb{R}\)CaxMnO3+\(\mathbb{D}\)xides. Journal of Applied Physics, 2001 , 90, 4583-4586	2.5	4

(2001-2001)

905	Charge correlations in the magnetoresistive oxide La0.7Ca0.3MnO3 (invited). <i>Journal of Applied Physics</i> , 2001 , 89, 6846-6850	2.5	16
904	Close correlation between the magnetic moments, lattice distortions, and hybridization in LaMnO3 and La(1-x)Sr(x)MnO3+delta: doping-dependent magnetic circular X-ray dichroism study. 2001 , 87, 2464	404	42
903	Ultrafast conductivity dynamics in colossal magnetoresistance manganites. 2001 , 87, 017401		121
902	Comment on P aramagnetic anomalies above the Curie temperature and colossal magnetoresistance in optimally doped manganites <i>Physical Review B</i> , 2001 , 64,	3.3	5
901	Magnetotransport and magnetic properties of La0.7MnO3Iand Pr0.65Ba0.05Ca0.3MnO3II superlattices. 2001 , 78, 243-245		5
900	pB diode with hole- and electron-doped lanthanum manganites. 2001 , 79, 2408-2410		110
899	Conductivity from magnetic polarons to variable-range hopping in FeCr2NAlxS4. <i>Physical Review B</i> , 2001 , 64,	3.3	13
898	Transition temperature and magnetoresistance in double-exchange compounds with moderate disorder. <i>Physical Review B</i> , 2001 , 65,	3.3	12
897	Two-phase scenario for the metal-insulator transition in colossal magnetoresistance manganites. <i>Physical Review B</i> , 2001 , 64,	3.3	7
896	Manipulating coincident charge and spin order with pressure and field in a doped manganite. <i>Physical Review B</i> , 2001 , 63,	3.3	6
895	Effect of composition and microstructure on temperature coefficient of resistance of polycrystalline La1 ACaxMnO3 thin films. 2001 , 19, 1186-1190		3
894	Negative magnetoresistance produced by Hall fluctuations in a ferromagnetic domain structure. 2001 , 79, 979-981		4
893	Abnormal temperature dependence of low-field magnetization of FeCr2⊠AlxS4. 2001 , 79, 3645-3647		35
892	Exchange field induced magnetoresistance in colossal magnetoresistance manganites. 2001 , 86, 5779-8	82	23
891	Oxygen-plasma effects of a La0.7Ca0.3MnO3Bingle crystal. 2001 , 79, 4177-4179		12
890	Reduction in conduction noise of LataMnto polycrystalline films due to Ag addition. <i>Journal of Applied Physics</i> , 2001 , 89, 3532-3534	2.5	14
889	Structural and magnetoresistance properties of La2/3Ca1/3MnO3 thin films on buffered silicon substrates. 2001 , 78, 1098-1100		14
888	Dependence of carrier doping level on the photo control of (La, Sr)MnO3/SrTiO3 functional heterojunction. <i>Journal of Applied Physics</i> , 2001 , 90, 4578-4582	2.5	31

887	Anomalous oxygen annealing effects on La0.7Ca0.3MnO3 films grown on MgO substrates. 2001 , 78, 353-355		8
886	Reversible structural transition in epitaxial manganite film. 2002 , 88, 196104		15
885	Temperature dependence of magnetoresistance and nonlinear conductance of the bicrystal grain boundary in epitaxial La0.67Ba0.33MnO3 thin films. 2002 , 81, 325-327		41
884	Magnetic and electronic transport properties of YbxCa1\(\mathbb{M}\)MnO3 compounds. <i>Journal of Applied Physics</i> , 2002 , 91, 7394	2.5	6
883	Scaling between magnetization and Drude weight in EuB6. <i>Physical Review B</i> , 2002 , 65,	3.3	38
882	Colossal magnetoresistance effect in the inverse spinel FeCr2\(\mathbb{B}\)GaxS4. <i>Physical Review B</i> , 2002 , 65,	3.3	8
881	Role of Jahn-Teller effect in the charge ordered states of YBaM2O5 (M=Co,Mn). <i>Physical Review B</i> , 2002 , 66,	3.3	7
880	Unusual hysteresis and giant low-field magnetoresistance in polycrystalline sample with nominal composition of La2/3Ca1/3Mn0.955Cu0.045O3. <i>Physical Review B</i> , 2002 , 66,	3.3	14
879	Oxygen-isotope effects on local structure distortions and transport properties of epitaxial thin films of Nd0.67Sr0.33MnO3. <i>Physical Review B</i> , 2002 , 66,	3.3	3
878	Film heterostructure with soft ferromagnetics to enhance low-field magnetoresistance. 2002 , 81, 407	3-4075	3
877	Behavior of magnetic domains in La0.46Sr0.54MnO3 during the ferromagnetic phase transformation studied by electron holography. <i>Physical Review B</i> , 2002 , 66,	3.3	12
876	Field effect on phase segregation in the electron-doped mixed-valence manganites near a structural instability. <i>Physical Review B</i> , 2002 , 65,	3.3	27
875	Strain effect on electronic transport and ferromagnetic transition temperature in La0.9Sr0.1MnO3 thin films. <i>Physical Review B</i> , 2002 , 65,	3.3	75
874	High-field ESR spectroscopy of the spin dynamics in La1⊠SrxMnO3 (x. <i>Physical Review B</i> , 2002 , 65,	3.3	30
873	Structural phase transitions and stress accommodation in (La0.67Ca0.33MnO3)1☑:(MgO)x composite films. <i>Physical Review B</i> , 2002 , 66,	3.3	49
872	Orbital-lattice polarons in ferromagnetic LaMnO3. <i>Physical Review B</i> , 2002 , 65,	3.3	15
871	Effects of magnetic field and isotopic substitution upon the infrared absorption of manganites. <i>Physical Review B</i> , 2002 , 66,	3.3	6
870	High magnetic field transport measurements of charge-ordered Pr0.5Ca0.5MnO3 strained thin films. <i>Physical Review B</i> , 2002 , 66,	3.3	23

(2002-2002)

869	Large low-field magnetoresistance of phase-separated single-crystalline Pr0.7Pb0.3MnO3. 2002 , 80, 3367-3369		19	
868	Double-exchange enhanced magnetoresistance in SrRu0.5Mn0.5O3. <i>Journal of Applied Physics</i> , 2002 , 92, 4831-4833	2.5	7	
867	Itinerant metamagnetism and possible spin transition in LaCoO3 by temperature/hole doping. <i>Journal of Applied Physics</i> , 2002 , 91, 291	2.5	97	
866	Phase separation induced by doping at Mn sites in Nd0.5Ca0.5Mn0.98Ga0.02O3. <i>Journal of Applied Physics</i> , 2002 , 91, 7941	2.5	2	
865	Electronic structures of double perovskites Sr2(Fe1ØMnz)MoO6: Doping-dependent optical studies. <i>Physical Review B</i> , 2002 , 66,	3.3	19	
864	Ultraviolet-assisted pulsed laser deposition of La0.7Ca0.3MnO3 thin films with improved oxygen content, crystallinity and magnetoresistive properties. 2002 , 20, 198-201		3	
863	Dramatic change of electrical properties in LaBaMnD thin films prepared using bias sputtering. 2002 , 20, 2115			
862	Annealing effect on the magnetoresistance in La0.75Ca0.25MnO3 thin films grown on Si (100) substrates. <i>Journal of Applied Physics</i> , 2002 , 91, 221	2.5	2	
861	Magnetotransport properties of a room temperature rectifying tunnel junction made of electron and hole doped manganites. <i>Journal of Applied Physics</i> , 2002 , 91, 7715	2.5	18	
860	Self-organized, ordered array of coherent orthogonal column nanostructures in epitaxial La0.8Sr0.2MnO3 thin films. 2002 , 80, 4831-4833		39	
859	Anelastic spectroscopy as a selective probe to reveal and characterize spurious phases in solid compounds. <i>Journal of Applied Physics</i> , 2002 , 92, 7206-7209	2.5	9	
858	X-ray absorption of the negative charge-transfer material SrFe1\(\mathbb{U}\)CoxO3. <i>Physical Review B</i> , 2002 , 65,	3.3	104	
857	Enhanced magnetoresistance in granular La[sub 2/3]Ca[sub 1/3]MnO[sub 3]/ polymer composites. <i>Journal of Applied Physics</i> , 2002 , 91, 7733	2.5	55	
856	Separation of grain boundary effects and intrinsic properties in perovskite-like Gd0.6Y0.4BaCo2O5.5 using high-frequency dielectric spectroscopy. <i>Physical Review B</i> , 2002 , 65,	3.3	20	
855	Tuning between negative and positive magnetoresistance in (La0.7Sr0.3MnO3)1☑(La1.85Sr0.15CuO4)x composites. 2002 , 81, 307-309		19	
854	Direct observation of magnetic domains in phase separated Nd0.7Ca0.3MnO3 single crystals. <i>Physical Review B</i> , 2002 , 65,	3.3	24	
853	Influence of hole carrier density and sintering temperature on the electronic properties of magnetoresistive La0.7Pb0.3Mn1?xRuxO3 (0.0 $\[\mathbf{k} \] \]$ 0.4). 2002 , 17, 3090-3097			
852	Giant magnetoimpedance and colossal magnetoresistance in La0.75Sr0.25MnO3 at room temperature. <i>Journal of Applied Physics</i> , 2002 , 91, 10003	2.5	34	

851	GRAIN GROWTH DEPENDENCE OF MICROSTRUCTURE IN La0.67Ba0.33MnO3+IOXIDES. 2002 , 16, 261-267	1
850	PREPARATION AND CHARACTERIZATION OF SOME COLOSSAL MAGNETO-RESISTANCE MATERIALS. 2002 , 16, 589-594	
849	RESISTIVITY BEHAVIOR OF La0.67Ca0.33MnO3/YBa2Cu3O7-ŒPITAXIAL HETEROSTRUCTURE. 2002 , 16, 3847-3853	
848	Enhanced low field magnetoresistance in Mn substituted nanocrystalline La0.7Sr0.3Mn0.9M0.1O3. 2002 , 14, L177-L183	9
847	Doping at the Mn site of the electron-doped manganite Ca0.9Ce0.1MnO3. 2002, 14, 9039-9052	12
846	Effects of oxygen annealing on the physical properties and surface microstructures of La0.8Ba0.2MnO3films. 2002 , 35, 3166-3170	19
845	Magnetic Glassiness below Curie Temperature in La0.8Ca0.2MnO3. 2002 , 71, 1583-1588	3
844	Epitaxial growth of antiperovskite GaCMn3 film on perovskite LaAlO3 substrate. 2002 , 17, 2640-2643	11
843	Investigation of magnetic domain patterns on a thin film surface of La0.7Sr0.3MnO3 at various temperatures using magnetic force microscopy. 2002 , 507-510, 573-576	5
842	Spin Dynamics of Magnetoresistive Oxides. 2002 , 149-154	
841	Characterization of the microstructure in CMR materials by HREM. 2002 , 51, S271-S278	3
8 ₄ 1	Characterization of the microstructure in CMR materials by HREM. 2002 , 51, S271-S278 Effect of nitrogen incorporation in La2/3Ca1/3MnO3manganite. 2002 , 14, 181-191	3
840	Effect of nitrogen incorporation in La2/3Ca1/3MnO3manganite. 2002, 14, 181-191 A possible phase separation scenario observed in perovskite manganites under high pressure. 2002	1
840 839	Effect of nitrogen incorporation in La2/3Ca1/3MnO3manganite. 2002, 14, 181-191 A possible phase separation scenario observed in perovskite manganites under high pressure. 2002, 14, 11093-11096	1
840 839 838	Effect of nitrogen incorporation in La2/3Ca1/3MnO3manganite. 2002, 14, 181-191 A possible phase separation scenario observed in perovskite manganites under high pressure. 2002, 14, 11093-11096 Coupling and interface effects in magnetic oxide superlattices. 2002, 14, R947-R966 The dependence on microstructure of the magnetotransport behaviour in Sm1/2Sr1/2MnO3. 2002,	1 31
840 839 838 837	Effect of nitrogen incorporation in La2/3Ca1/3MnO3manganite. 2002, 14, 181-191 A possible phase separation scenario observed in perovskite manganites under high pressure. 2002, 14, 11093-11096 Coupling and interface effects in magnetic oxide superlattices. 2002, 14, R947-R966 The dependence on microstructure of the magnetotransport behaviour in Sm1/2Sr1/2MnO3. 2002, 14, 8853-8860	1 31

833	Combinatorial material preparation. 2002 , 14, R49-R78	16
832	No evident charge ordering in La1/2Sr3/2MnO4. 2002 , 14, 4659-4667	7
831	Evidences for Tsallis non-extensivity on CMR manganites. 2002 , 58, 42-48	26
830	Study of magnetotransport in polycrystalline perovskite manganites. 2002 , 14, L631-L639	19
829	Phase Separation in Models for Manganites: Theoretical Aspects and Comparison with Experiments. 2002 , 39-56	
828	Thermodynamics of the Double Exchange Systems. 2002 , 1-38	1
827	Multilayered Structures of SrNb0.1Ti0.9O3/La0.8Sr0.2MnO3/SrTiO3 Prepared by Laser Molecular Beam Epitaxy. 2002 , 17, 600-608	
826	High Frequency Behavior of La0.7Sr0.3MnO3 with Giant Magnetoimpedance Effect. 2002 , 43, 523-525	3
825	Synthesis and Application of [Mo8O16Cl2(OCH3)6(HOCH3)4] to Magnetoresistant Oxides. 2002 , 31, 650-651	5
824	Numerical Studies of Models for Manganites. 2002 , 459-464	
823	Ferromagnetic phases in the Kondo lattice model. 2002 , 82, 1211-1224	8
822	Oriented domains in a thin film of La0.8Sr0.2MnO3 prepared by laser molecular-beam epitaxy. 2002 , 82, 1331-1343	1
821	Efficient photocarrier injection in a transition metal oxide heterostructure. 2002, 14, L757-L763	38
820	Magnetotransport in Gd1-xSrxCoO3 (0 2002, 14, 493-498	13
819	Ultrafast optical and far-infrared quasiparticle dynamics in correlated electron materials. 2002, 14, R1357-R1	39061
818	Large enhancement in room-temperature magnetoresistance and dramatic decrease in resistivity in La0.7Ca0.3MnO3Ag composites. 2002 , 81, 76-78	99
817	Spin dynamical properties and orbital states of the layered perovskite La2🗹xSr1+2xMn2O7 (0.3. <i>Physical Review B</i> , 2002 , 65,	48
816	Ferromagnetism in the Kondo-lattice model. <i>Physical Review B</i> , 2002 , 65, 3.3	44

815	Magnetic field and pressure effects on the magnetic transitions of La0.9Ca0.1MnO3 perovskites. <i>Physical Review B</i> , 2002 , 66,	3.3	35
814	Ground-state and excited-state properties of LaMnO3 from full-potential calculations. <i>Physical Review B</i> , 2002 , 65,	3.3	103
813	Crystal structure and magnetic ordering of Mn and Ce in La0.7Ce0.15Ca0.15MnO3. 2002, 14, 12585-12	597	3
812	Interplay between spin and phonon fluctuations in the double-exchange model for the manganites. <i>Physical Review B</i> , 2002 , 65,	3.3	19
811	Raman phonons as a probe of disorder, fluctuations, and local structure in doped and undoped orthorhombic and rhombohedral manganites. <i>Physical Review B</i> , 2002 , 66,	3.3	188
810	Room temperature magnetoresistance in La0.67Sr0.33Mn1\(\mathbb{U}\)CoxO3. <i>Journal of Applied Physics</i> , 2002 , 91, 8912	2.5	24
809	Direct observation of phase separation in La0.45Sr0.55MnO3🛛 <i>Journal of Applied Physics</i> , 2002 , 92, 7404-7407	2.5	7
808	Tuning of the magnetocaloric effect in La0.67Ca0.33MnO3hanoparticles synthesized by solgel techniques. <i>Journal of Applied Physics</i> , 2002 , 91, 9943	2.5	159
807	Effect of Ga doping for Mn on the magnetic properties of La0.67Ca0.33MnO3. <i>Physical Review B</i> , 2002 , 66,	3.3	83
806	Neutron-diffraction study of the JahnIIeller transition in PrMnO3. 2002 , 4422-4425		24
805	Nonlinear electrical response in a non-charge-ordered manganite: Pr0.8Ca0.2MnO3. <i>Physical Review B</i> , 2002 , 65,	3.3	53
804	Electronic Properties of Mixed-Valence Manganates: The Role of Mn Substitutional Defects. 2002 , 14, 688-696		29
803	Competition between ferromagnetic metallic and paramagnetic insulating phases in manganites. <i>Journal of Applied Physics</i> , 2002 , 92, 1406-1410	2.5	144
802	Role of Rare Earth Ion in Spin Glass Behavior for R0.7Sr1.3MnO4. 2002 , 14, 1832-1838		21
801	Missbauer spectroscopy and magnetoresistivity of 57Fe substituted Mn in La0.7\(\text{N}\)YxCa0.3MnO3 manganites. Journal of Applied Physics, 2002 , 91, 7932	2.5	4
800	Hydrothermal synthesis of single-crystal La0.5Sr0.5MnO3nanowire under mild conditions. 2002 , 14, L5	19-L52	2432
799	Hydrothermal synthesis of La0.5Ba0.5MnO3 nanowires. 2002 , 80, 1634-1636		62
798	Magnetoresistive switch effect in metal/semiconductor hybrid granular films: extremely huge magnetoresistance effect at room temperature. 2002 , 17, 322-326		18

797	THE EFFECT OF ANNEALING TEMPERATURES ON THE MICROSTRUCTURE OF La0.5Ca0.5MnO3 FILMS. 2002 , 16, 1049-1059		4
796	Direct observation of percolation in a manganite thin film. <i>Science</i> , 2002 , 298, 805-7	33.3	319
795	Magnetism, electronic transport, and colossal magnetoresistance of (La0.7⊠Gdx)Sr0.3MnO3 (0. <i>Physical Review B</i> , 2002 , 66,	3.3	37
794	Hole-doping dependence of percolative phase separation in Pr0.511a0.2+Br0.3MnO3 around half doping. <i>Physical Review B</i> , 2002 , 66,	3.3	12
793	Critical behavior of La0.75Sr0.25MnO3. <i>Physical Review B</i> , 2002 , 65,	3.3	134
792	Electrical transport and magnetic properties of La0.5Ca0.5MnO3¶ with varying oxygen content. <i>Physical Review B</i> , 2002 , 65,	3.3	38
791	Resonant x-ray scattering in manganites: study of the orbital degree of freedom. 2002 , 65, 561-598		38
790	Dielectric Relaxation of Rare Earth Ordered Double Perovskite Oxide Ba2ErTaO6. 2016 , 45, 846-852		12
789	Impact of CuO phase on magnetocaloric and magnetotransport properties of La0.6Ca0.4MnO3 ceramic composites. <i>Journal of Alloys and Compounds</i> , 2016 , 678, 427-433	5.7	20
788	Indium doping effect on magnetocaloric, electro-transport and magnetoresistive properties of La0.6Gd0.1Sr0.3Mn1-In O3. 2016 , 42, 10537-10546		13
787	Nanoscale Superconducting Honeycomb Charge Order in IrTe2. 2016 , 16, 4260-5		14
786	Inducement of Itinerant Electron Transport in Charge-Ordered Pr0.6Ca0.4MnO3 by Ba Doping. 2016 , 29, 911-922		6
7 ⁸ 5	Ru(4+) induced colossal magnetoimpedance in Ru doped perovskite manganite at room temperature. 2016 , 18, 12947-51		10
7 ⁸ 4	Electric, magnetic, and thermo-electric properties of Cr doped La0.8Ca0.2Mn1\(\mathbb{U}\)CrxMnO3 manganites. 2016 , 239, 37-43		3
783	On peculiarities of the electron transport in doped manganites. 2016 , 690, 012007		1
782	Structural and Static Magnetic Behavior of Antiferromagnetic Compounds La0.67Sr0.33 $\mbox{$\mathbb{N}$}$ Ca x Mn0.75Fe0.25 O 3 (x = 0.00 and 0.17). 2016 , 29, 2109-2117		О
781	Investigation of structural and some physical properties of Cr substituted polycrystalline Eu0.5Sr0.5Mn1\(\mathbb{L}\)CrxO3 (0 \(\mathbb{L}\) \(\mathbb{L}\) \(\mathbb{D}\). 1) manganites. Journal of Materials Science: Materials in Electronics, 2016 , 27, 8899-8905	2.1	7
78o	Study of magnetic transition and magnetic entropy changes of Pr0.6Sr0.4MnO3 and Pr0.6Sr0.4Mn0.9Fe0.1O3 compounds. 2016 , 131, 1		11

779	Tuning of Cr3+ ions doping on the magnetic and magnetocaloric properties of La0.5Sr0.5Mn1@r O3. 2016 , 502, 39-47		2
778	Pressure induced insulator the transition and giant negative piezoresistance in Pro.6Cao.4Mno.96Alo.04O3 polycrystal. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 417, 69-74	2.8	3
777	Kinetic-arrest-induced phase coexistence and metastability in (Mn,Fe)2(P,Si). <i>Physical Review B</i> , 2016 , 94,	3.3	13
776	Colossal magnetoresistance of Pr0.7Sr0.3MnO3 layer grown on charge-ordered La0.5Ca0.5MnO3 manganite layer. <i>Journal of Alloys and Compounds</i> , 2016 , 689, 69-74	5.7	10
775	Electrical and magneto transport properties of La0.8 \blacksquare Ca x Sr0.1Ag0.1MnO3 (x = 0.1, 0.2, 0.3). 2016 , 39, 1139-1145		
774	Structural, magnetic and magnetocaloric effects in epitaxial LaBaTiMnO ferromagnetic thin films grown on 001-oriented SrTiO substrates. 2016 , 45, 15034-15040		13
773	Effect of Synthesis Techniques on Magneto-Transport Properties of Sodium-Doped Lanthanum Manganites. 2016 , 29, 2991-2999		2
772	Magnetic Materials and Planar Transmission Lines. 2016 , 576-609		
771	Nuclear magnetic resonance study of the magnetic line phases in SrCoOx(2.5 🖪). 2016 , 3, 076104		
770	Mobility controlled linear magnetoresistance with 3D anisotropy in a layered graphene pallet. 2016 , 49, 425005		
769	Enhancing interfacial magnetization with a ferroelectric. <i>Physical Review B</i> , 2016 , 94,	3.3	29
768	Electrical, magnetic and magnetocaloric properties of polycrystalline Pr0.63A0.07Sr0.3MnO3 (A=Pr, Sm and Bi). 2016 , 98, 263-270		15
767	Ultrasensitive sensing performances to sub-ppb level acetone for Pd-functionalized SmFeO3 packed powder sensors. 2016 , 6, 60967-60974		10
766	Electronic, structural, and magnetic properties of LaMnO3 phase transition at high temperature. <i>Physical Review B</i> , 2016 , 93,	3.3	27
765	Combined first-principles and model Hamiltonian study of the perovskite series RMnO3 (R=La,Pr,Nd,Sm,Eu, and Gd). <i>Physical Review B</i> , 2016 , 93,	3.3	14
764	Uniaxial pressure-induced half-metallic ferromagnetic phase transition in LaMnO3. <i>Physical Review B</i> , 2016 , 93,	3.3	15
763	Spin-phonon coupling and high-pressure phase transitions of RMnO3 (R=Ca and Pr): An inelastic neutron scattering and first-principles study. <i>Physical Review B</i> , 2016 , 93,	3.3	4
762	Full Electroresistance Modulation in a Mixed-Phase Metallic Alloy. 2016 , 116, 097203		67

761	Sensing performances to low concentration acetone for palladium doped LaFeO3 sensors. 2016 , 34, 704-710	32
760	Modulation of physical properties of oxide thin films by multiple fields. <i>Chinese Physics B</i> , 2016 , 25, 0673 <u>03</u>	2
759	Thickness and temperature dependence of the magnetodynamic damping of pulsed laser deposited La0.7Sr0.3MnO3 on (111)-oriented SrTiO3. <i>Journal of Magnetism and Magnetic Materials</i> , 2.8 2016 , 420, 280-284	9
75 ⁸	Control of Multipolar and Orbital Order in Perovskite-like [C(NH2)3]CuxCd1-x(HCOO)3 Metal-Organic Frameworks. 2016 , 138, 9393-6	32
757	Edwards polaron formation: From one to three dimensions. <i>Physical Review B</i> , 2016 , 93, 3.3	3
756	Effects of Si surficial structure on transport properties of La 2/3 Sr 1/3 MnO 3 films. <i>Chinese Physics B</i> , 2016 , 25, 106701	
755	Observation of re-entrant spin reorientation in TbFe1-xMnxO3. 2016 , 6, 33448	26
754	Relaxation Phenomenon in the Formation of the C-Type Orbital-Ordered State in the Simple Perovskite Manganite Sr1 NdxMnO3. 2016 , 85, 024714	2
753	Strain-induced Curie temperature variation in La0.9Sr0.1MnO3 thin films. 2016 , 6, 96093-96102	17
75 ²	Fabrication of (Ba,La)SnO3 Films on (111)SrTiO3 Substrate. 2016 , 65, 638-641	
751	Study on structure, electrical and dielectric properties of Eu0.65Sr0.35Fe0.3Mn0.7O3. 2016 , 146, 012003	7
75°	Evolution of the intrinsic electronic phase separation in LaErSrMnO perovskite. 2016 , 6, 14	69
749	Possible ground states and parallel magnetic-field-driven phase transitions of collinear antiferromagnets. 2016 , 2,	12
748	Composition dependence of charge and magnetic length scales in mixed valence manganite thin films. 2016 , 6, 29632	3
747	Magnetic field control of electric-field-induced local domain growth in manganites. 2016 , 499, 143-149	
746	Magnetic Properties of the DoublePerovskite Ba2CoUO6: Ab Initio Method, Mean Field Approximation, and Monte Carlo Study. 2016 , 29, 2659-2667	11
745	Growth of atomically flat thin films of the electronically phase-separated manganite (La0.5Pr0.5)0.67Ca0.33MnO3. <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1	5
744	Tuning of cu doping on phase transition and high-field phase diagram of Nd0.5Sr0.5Mn1au O3. Journal of Magnetism and Magnetic Materials, 2016 , 416, 357-365	4

743	Structural study of CaMn1\(\mathbb{M}\)moxO3 (0.08\(\mathbb{k}\)\(\mathbb{D}\).12) system by neutron powder diffraction. <i>Journal of Alloys and Compounds</i> , 2016 , 676, 575-581	5.7	2
742	Halide Perovskites: Poor Man's High-Performance Semiconductors. 2016 , 28, 5778-93		263
741	Magnetocaloric properties and universal behavior in electron-doped manganite Ca0.88Dy0.12MnO3. <i>Journal of Alloys and Compounds</i> , 2016 , 667, 1-5	5.7	6
740	Magnetotransport properties of Mo substituted La0.7Ca0.3Mn1⊠MoxO3 perovskites. 2016 , 53, 17-22		0
739	Microstructure, interparticle interactions and magnetotransport of manganite-polyaniline nanocomposites. <i>Materials Chemistry and Physics</i> , 2016 , 171, 178-184	4.4	5
738	The novel electronic and magnetic properties in 5d transition metal oxides system. 2016 , 112, 416-427		8
737	Effect of Nd-doping on structural, thermal and electrochemical properties of LaFe0.5Cr0.5O3 perovskites. 2016 , 42, 4532-4538		7
736	Enhanced photovoltaic effect of La0.8Sr0.2MnO3lthin films based on electric field training. 2016 , 166, 5-8		1
735	Relationship between tolerance factor and temperature coefficient of permittivity of temperature-stable high permittivity BaTiO3Bi(Me)O3 compounds. 2016 , 06, 1650002		17
734	Investigation of near room temperature magnetocaloric, magnetoresistance and bolometric properties of Nd0.5La0.2Sr0.3MnO3: Ag2O manganites. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 6156-6165	2.1	22
733	Isosbestic Point and Magnetoresistance Components in Ho(_{0.5}) Lu(_{0.5}) B(_{12}). 2016 , 185, 522-53	0	5
73²	Photoelectricity properties of BaTiO3/Fe2O3 composite granular film. 2016 , 31, 48-52		1
731	Electronic, Structural, and Magnetic Properties of the Double Perovskite Ba2MnMoO6 in Different Phases Using Hubbard Model. 2016 , 29, 1339-1346		3
730	Evidence of emerging Griffiths singularity in La0.5 Sr0.5 MnO3 nanocrystalline probed by magnetization and electron paramagnetic resonance. <i>Materials Chemistry and Physics</i> , 2016 , 175, 62-67	4.4	8
729	Large room-temperature magnetoresistance in epitaxial La0.7Ca0.25Sr0.05MnO3 thin films prepared by solgel method. 2016 , 78, 576-581		8
728	First principle study of spintronic properties for double perovskites Ba2XMoO6 with X=V, Cr and Mn. <i>Materials Science in Semiconductor Processing</i> , 2016 , 43, 196-208	4.3	34
727	Al3+doping effects and high-field phase diagram of La0.5Sr0.5Mn1⊠AlxO3. 2016 , 49, 035001		5
726	Phonon-Mediated ElectronPhonon Interaction in HubbardHolstein Model. 2016 , 182, 1-12		4

7 2 5	Short-range ferromagnetic order in perovskite manganite La0.62Er0.05Ba0.33Mn0.95Fe0.05O3. Journal of Alloys and Compounds, 2016 , 664, 657-663	5.7	4
724	Magnetoresistive and magnetocaloric response of manganite/insulator system. <i>Journal of Alloys and Compounds</i> , 2016 , 657, 495-505	5.7	16
723	Theoretical investigations on the magnetocaloric and electrical properties of a perovskite manganite La(0.67)Ba(0.1)Ca(0.23)MnO3. 2016 , 45, 4736-46		15
722	Resistance switching mechanism of La0.8Sr0.2MnO3Ithin films. 2016 , 483, 99-102		4
721	Structural, magnetic and magnetotransport properties of bi-epitaxial La0.7Sr0.3MnO3 (110) thin films integrated on Si (001). 2016 , 106, 40-47		10
720	Magneto-transport and magnetic entropy change correlation in Nd0.67Ba0.33Mn0.98Fe0.02O3 perovskite. <i>Journal of Alloys and Compounds</i> , 2016 , 657, 601-607	5.7	4
719	Prediction of magnetocaloric effect in La0.6Ca0.4 $\mbox{\sc MSrxMnO3}$ compounds for x=0, 0.05 and 0.4 with phenomenological model. 2016 , 42, 697-704		21
718	Large magnetocaloric effect near room temperature in polycrystalline (La 0.7 Y 0.3) 0.7 Sr 0.3 MnO 3 compound. 2016 , 73, 256-260		13
717	Magnetic and magnetocaloric properties of nanocrystalline La 0.5 Sr 0.5 MnO 3. 2016 , 42, 1476-1481		12
716	Strain dependence of the physical properties of epitaxial La0.7Ca0.3MnO3 thin films grown on LaAlO3 substrates. <i>Journal of Alloys and Compounds</i> , 2016 , 655, 327-335	5.7	14
715	Carrier transport spinBrbit dynamics in surface enhanced Raman shift of perovskite films. <i>Journal of Alloys and Compounds</i> , 2016 , 662, 290-295	5.7	5
714	Investigations of LBMO thin films deposited on different substrates by electron beam evaporation. 2016 , 6, 461-466		8
713	Theoretical Investigation of the Interfaces and Mechanisms of Induced Spin Polarization of 1D Narrow Zigzag Graphene- and h-BN Nanoribbons on a SrO-Terminated LSMO(001) Surface. 2017 , 121, 680-689		1
712	Nonequilibrium Synthesis of Highly Porous Single-Crystalline Oxide Nanostructures. 2017 , 4, 1601034		6
711	Isotope shift of the ferromagnetic transition temperature in itinerant ferromagnets. 2017 , 381, 737-741		
710	Temperature-dependent photovoltage response in La 0.9 Li 0.1 MnO 3 /SrTiO 3 -Nb heterojunction induced by a low intensity pulse laser. 2017 , 251, 35-38		6
709	Unsaturated magnetoconductance of epitaxial La0.7Sr0.3MnO3 thin films in pulsed magnetic fields up to 60 T. 2017 , 7, 056404		7
708	Magnetic and magnetocaloric properties of polycrystalline La0.48Ca0.52MnO3 compound at low temperature: Influence of glassy magnetic state. 2017 , 510, 29-32		2

707	Magnetic field induced low temperature upturn of magnetization in highly Ca-doped La0.1875Ca0.8125MnO3 polycrystalline compound. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 432, 425-429	2.8	2
706	Cation Substitution Effect on a Molecular Analogue of Perovskite Manganites. 2017 , 121, 10893-10898		2
705	Microstructure of the Nanostructured Oxide Composite Thin Films and Its Functional Properties. 2017 , 397-427		
704	Effects of A-Site Doping on Structural, Magnetic, and Electrical Properties of La0.8 \blacksquare A x Sr0.2MnO3 (0 \blacksquare \blacksquare 0.6) Manganites (A = Pr, Nd, and Gd). 2017 , 30, 2683-2692		2
703	Tuning of large piezoelectric response in nanosheet-buffered lead zirconate titanate films on glass substrates. 2017 , 7, 251		8
702	On the polarization dynamics in the presence of flexoelectricity and morphotropic phase boundary in ferroelectrics. 2017 , 62, 279-282		
701	Crystal structure, magnetic and magnetocaloric properties of aluminum-doped La0.6Sr0.4MnO3 perovskites. <i>Applied Physics A: Materials Science and Processing</i> , 2017 , 123, 1	2.6	9
700	Magnetic and electric properties of wrinkled manganite films derived by sol-gel method. 2017 , 100, 2392	2-2390	51
699	Wide bandgap BaSnO films with room temperature conductivity exceeding 10 S cm. 2017 , 8, 15167		126
698	Insight into the enhancement of transport property for oriented La0.9MnO3 films. 2017 , 50, 205306		5
697	Prediction of magnetoresistance using a magnetic field and correlation between the magnetic and electrical properties of La0.7Bi0.05Sr0.15Ca0.1Mn1\(\mathbb{R}\)InxO3 (0 \(\mathbb{L}\) \(\mathbb{L}\) \(\mathbb{D}\).3) manganite. 2017 , 7, 30707-30716		13
696	Large magnetoresistance and spin glass behavior of nanocrystalline La 0.48 Ca 0.52 MnO 3 compound at low temperature. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 439, 328-332	2.8	3
695	First principles study of magnetic and electronic properties of A 2 BB?O 6 (A = Ba, Sr) (BB? = FeRe, MnMo, and MnRe) double perovskites. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 441, 113-123 ²	2.8	6
694	Critical behavior in the La0.6Ca0.4 \square SrxMnO3 nano-particle compounds for x = 0, 0.05 and 0.4. 2017 , 109, 50-63		8
693	Enhanced low field magnetoresistance in La0.7Ca0.2Sr0.1MnO3 - MgO composites. 2017 ,		1
692	Tuning the magnetic and transport properties of La0.8Ca0.2MnO3 films by Ba0.8Sr0.2TiO3 intercalated layers grown with polymer-assisted deposition. 2017 , 110, 231602		3
691	Pressure-induced insulator-metal transition in EuMnO. 2017 , 29, 305801		8
690	Enhancement of the magnetoresistive property by introducing disorder in the		17

(2017-2017)

689	Effect of sodium deficiency on the critical behavior near the paramagnetic to ferromagnetic phase transition temperature in La 0.8 Na 0.2[k ? xMnO 3 oxides. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 441, 248-256	2.8	2	
688	One Step Toward a New Generation of C-MOS Compatible Oxide P-N Junctions: Structure of the LSMO/ZnO Interface Elucidated by an Experimental and Theoretical Synergic Work. 2017 , 9, 20974-209	980	4	
687	Realizing semiconductivity by a large bandgap tuning in Bi4Ti3O12 via inserting La1-xSrxMnO3 perovskite layers. 2017 , 110, 212102		5	
686	Exploiting Magnetism and Magnetocaloric Effect in Nd0.55Sr0.45Mn0.98Ga0.02 O 3. 2017 , 30, 2227-22	32	1	
685	Sodium Deficiency effects on the structural, magnetic and magnetocaloric properties of La0.8Na0.2\(\mathbb{R}\)?xMnO3 (0\(\mathbb{k}\)\(\mathbb{D}\).15). Journal of Magnetism and Magnetic Materials, 2017 , 433, 239-247	2.8	12	
684	Double-Exchange Effect in Two-Dimensional MnO Nanomaterials. 2017 , 139, 5242-5248		58	
683	Magnetic and magnetoresistive properties of half-metallic ferromagnetic and charge ordered modified ferromagnetic manganite nanoparticles. <i>Journal of Applied Physics</i> , 2017 , 121, 103904	2.5	4	
682	Characterization of magnetic phase in yttrium-doped polycrystalline . 2017 , 507, 134-141		1	
681	Structural and magnetotransport properties of the Si doped B-site in La0.6Gd0.1Sr0.3 Mn1-xSixO3 (0 km²).15) manganite. <i>Journal of Alloys and Compounds</i> , 2017 , 700, 169-174	5.7	6	
68o	Synthesis and charge storage properties of templated LaMnO-SiO composite materials. 2017 , 46, 977-9	984	12	
679	Structural, magnetic, magneto-transport properties, and electronic structure study of charge-ordered (La 0.4 Pr 0.6) 0.65 Ca 0.35 MnO 3. <i>Journal of Alloys and Compounds</i> , 2017 , 699, 31-37	5.7	9	
678	In Situ Reversible Ionic Control for Nonvolatile Magnetic Phases in a Donor/Acceptor Metal-Organic Framework. 2017 , 27, 1604990		26	
677	Hydrogen incorporation induced the octahedral symmetry variation in VO2 films. <i>Applied Surface Science</i> , 2017 , 396, 36-40	6.7	15	
676	Room temperature magneto-transport properties of La0.7Ba0.3MnO3 manganite. <i>Journal of Alloys and Compounds</i> , 2017 , 695, 2645-2651	5.7	11	
675	Studies on magnetic field and temperature driven magneto-structural phase transition in La0.5Sr0.5MnO3+\(\partial Journal \) of Alloys and Compounds, 2017 , 708, 734-742	5.7	2	
674	Spin wave damping arising from phase coexistence below Tc in colossal magnetoresistive La0.7Ca0.3MnO3. <i>Physical Review B</i> , 2017 , 96,	3.3	5	
673	Twinned-domain-induced magnonic modes in epitaxial LSMO/STO films. 2017, 19, 063002		4	
672	High-temperature synthesis and electronic bonding analysis of Ca-doped LaMnO3 rare-earth manganites. 2017 , 1		3	

671	Rectifying and ultraviolet photovoltage characteristics of La0.9Na0.1MnO3/SrTiO3-Nb heterostructures. 2017 , 111, 132101		3
670	Interface phenomena in magnetron sputtered CuO/ZnO heterostructures. 2017 , 29, 435002		2
669	Oxygen influence in the magnetic and the transport properties of ferroelectric/ferromagnetic heterostructures. 2017 , 639, 42-46		3
668	Structural characterization, magnetic, magnetocaloric properties and critical behavior in lacunar La0.5Eu0.2Ba0.2?0.1MnO3 nanoparticles. <i>Journal of Alloys and Compounds</i> , 2017 , 727, 1203-1212	5.7	16
667	Study of critical behavior using the field dependence of magnetic entropy change in La0.7Sr0.3Mn1-xCuxO3 ($x = 0.02$ and 0.04). 2017 , 43, 16859-16865		10
666	On the role of disorder produced by manganese vacancy at the B site on the structural and magnetic properties of La0.67Ba0.33Mn1-xO3 nanocrystalline. <i>Journal of Alloys and Compounds</i> , 2017 , 729, 156-161	5.7	7
665	Structural evolution, magnetization enhancement, and ferroelectric properties of Er3+-doped SmFeO3. 2017 , 43, 16903-16908		7
664	Magnetic, magnetocaloric and critical behavior investigation of La0.7Ca0.1Pb0.2Mn1 \square AlxSnyO3 (x, y = 0.0, 0.05 and 0.075) prepared by a sol \square elements method. 2017 , 7, 43410-43423		8
663	Atomically Resolved Short-Range Order at the Nanoscale in the Ca-Mn-O System. <i>Inorganic Chemistry</i> , 2017 , 56, 11753-11761	5.1	3
662	Ultrafast electron-lattice coupling dynamics in VO2 and V2O3 thin films. <i>Physical Review B</i> , 2017 , 96,	3.3	21
661	Thickness dependence of microstructure in thin La0.7Sr0.3MnO3films grown on (1 0 0) SrTiO3substrate. 2017 , 50, 395301		4
660	Rectifying characteristics and tunable magnetoresistance in heterojunctions of La0.9Hf0.1MnO3/0.05 wt.% Nb-doped SrTiO3. 2017 , 31, 1745022		2
659	Magnetization and low temperature heat capacity of SmFeO 3 single crystal. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 443, 104-106	2.8	3
658	Magnetocaloric effect study of polycrystalline Y0.5Ca0.5MnO3 compound: Investigation of the low temperature magnetic state. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 442, 441-444	2.8	1
657	Structural, magnetic and magnetocaloric properties of electron-doped manganite La0.9Hf0.1MnO3. 2017 , 4, 086103		
656	Orbital reorientation in MnVO observed by V NMR. 2017 , 7, 2178		1
655	Dramatically Enhanced Spin Dynamo with Plasmonic Diabolo Cavity. 2017, 7, 5332		5
654	Spin pump and probe in lanthanum strontium manganite/platinum bilayers. 2017 , 7, 6612		10

From colossal magnetoresistance to solar cells: An overview on 66 years of research into 653 11 perovskites. 2017, 214, 1700394 A strain-induced new phase diagram and unusually high Curie temperature in manganites. 2017, 5, 7813-7819 5 Phase coexistence and electric-field control of toroidal order in oxide superlattices. 2017, 16, 1003-1009 651 108 Facile Synthesis, Magnetic and Electric Characterization of Mixed Valence LaKAMnTiO (A = Sr and 650 5.1 Ba) Perovskites. Inorganic Chemistry, 2017, 56, 10404-10411 Influence of Gd-content on the electrical transport properties of La0.67

■ Gd x Sr0.33MnO3 polycrystalline ceramics by soldel method. Journal of Materials Science: Materials in Electronics, 649 2.1 1 2017, 28, 17026-17030 Structure and magnetic behavior of Zn doped NdMnO3 manganite: Neutron diffraction study. 2017 648 , 43, 14962-14967 La interstitial defect-induced insulator-metal transition in the oxide heterostructures 647 6 3.3 LaAlO3/SrTiO3. Physical Review B, 2017, 96, Field-induced metamagnetic transition and nonsaturating magnetoresistance in the 646 11 3.3 antiferromagnetic semimetal NdSb. Physical Review B, 2017, 96, Perovskites in catalysis and electrocatalysis. Science, 2017, 358, 751-756 645 679 33.3 Structure, transition temperature, and magnetoresistance of titanium-doped lanthanum barium 644 5 manganite epilayers onto STO 001 substrates. 2017, 111, 182409 Studies on strain relaxation of La0.5Ba0.5MnO3 film by normal and grazing incidence X-ray 643 2.6 2 diffraction. Applied Physics A: Materials Science and Processing, 2017, 123, 1 Charge ordering in B-site Mo doped Pr0.20Sr0.80Mn1Mo O3\(\textit{Journal of Alloys and Compounds}\), 642 5.7 **2017**, 722, 878-887 Structural, electrical and enhanced low field magneto-transport properties of La0.7Sr0.3MnO3 and 641 (1\overline{\text{M}}) La0.7Ca0.2Sr0.1MnO3 (LCSMO) '+'(x) MgO composites. Journal of Alloys and Compounds, 2017, 5.7 9 724, 674-683 Interfacial room temperature magnetism and enhanced magnetocaloric effect in strained 640 16 3.3 La0.66Ca0.34MnO3/BaTiO3 heterostructures. Physical Review B, 2017, 96, Orbital occupancy evolution across spin- and charge-ordering transitions in YBaFe 2 O 5. 2017, 252, 119-128 639 Observation of Room-Temperature Magnetoresistance in Monolayer MoS by Ferromagnetic Gating. 638 48 2017, 11, 6950-6958 A-site cationic disorder induced significantly large magnetoresistance in polycrystalline 637 2.8 7 La0.2Gd0.5Ba0.3MnO3 compound. Journal of Magnetism and Magnetic Materials, 2017, 442, 196-199 Preparation and characterization of BiFeO 3 /La 0.7 Sr 0.3 MnO 3 heterostructure grown on SrTiO 3 636 substrate. **2017**, 521, 376-380

635	Nanoscale electrodynamics of strongly correlated quantum materials. 2017, 80, 014501		48
634	Magnetic and electrical response of Co-doped La0.7Ca0.3MnO3 manganites/insulator system. 2017 , 504, 58-62		9
633	Facile synthesis of CaMn2O4 nanoparticles and investigation of photocatalytic activity, optical and magnetic properties and its influence on the thermal stability of polymeric nanocomposite. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 4521-4529	2.1	3
632	Electrical transport and magnetic properties of Pr0.7Sr0.3MnO3/La0.5Ca0.5MnO3 bilayer film on (001) SrTiO3. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 4340-4344	2.1	1
631	Enhanced magnetoresistance in CaCu3(Mn4\(\text{Mrex}\)O12 (x= 0, 0.1, 0.2) complex perovskites prepared at moderate pressures. <i>Journal of Alloys and Compounds</i> , 2017 , 696, 73-78	5.7	2
630	Study on the electrical transport properties of La2/3Ba1/3MnO3:Ag0.04/LaAlO3 (001) films. 2017 , 504, 92-95		1
629	Orientation dependence of structural, electrical and magnetic properties of La0.9Sr0.1MnO3 thin films. <i>Journal of Alloys and Compounds</i> , 2017 , 695, 257-262	5.7	3
628	Electrical transport in epitaxial La0.7Ca0.3MnO3 thin films. 2017, 506, 12-18		
627	Synthesis, characterization and low field magnetotransport of Nd0.6Sr0.4MnO3/CrO3 composite. 2017 , 91, 169-181		2
626	Vacancy effect in both calcium and barium on the physical properties of La0.6Ca0.2Ba0.2MnO3 polycrystalline manganite. <i>Journal of Alloys and Compounds</i> , 2017 , 693, 782-791	5.7	10
625	A free-standing magneto-fluorescent La1-xSrxMnO3@ZnO nanoparticle: Synthesis, properties and sharp Curie transition. <i>Journal of Alloys and Compounds</i> , 2017 , 693, 518-526	5.7	3
624	Electric-field-induced spin disorder-to-order transition near a multiferroic triple phase point. 2017 , 13, 189-196		36
623	Using laser to trigger a large positive magnetoresistive effect in nonmagnetic Si-based metal-oxide-semiconductor structure. 2017 , 111, 241103		2
622	Electrospining and physical properties of nanofiber polymer-inorganic planar quantum layers, hybridized with 0-D Fe2O3. 2017 ,		
621	Electrical transport and magnetoresistance of double layered CMR manganites R1.2Sr1.8Mn2O7(R = La, Pr, Sm). 2017 , 35, 440-446		3
620	A variational theory of Hall effect of Anderson lattice model: Application to colossal magnetoresistance manganites (Re1 Ax MnO3). 2017 , 266, 50-54		2
619	CsPbBr_3 perovskite quantum dots: saturable absorption properties and passively Q-switched visible lasers. 2017 , 5, 457		52
618	Double Perovskite Sr2FeMoO6: A Potential Candidate for Room Temperature Magnetoresistance Device Applications. 2017 ,		1

(2018-2017)

617	Impact of Annealing Temperature on the Physical Properties of the Lanthanum Deficiency Manganites. <i>Crystals</i> , 2017 , 7, 301	2.3	4
616	Magnetocaloric effect at low temperature in robust charge ordered Sm1-xCaxMnO3 compounds. Journal of Magnetism and Magnetic Materials, 2018, 458, 52-56	2.8	4
615	Structural, magnetic, and magnetocaloric properties of Ag-doped in the La 0.6 Ca 0.4 MnO 3 compound. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 454, 190-195	2.8	13
614	Magnetocaloric effect, electric, and dielectric properties of Nd0.6Sr0.4MnxCo1⊠O3 composites. Journal of Magnetism and Magnetic Materials, 2018 , 457, 126-134	2.8	17
613	Magnetocaloric effect of polycrystalline Sm0.5Ca0.5MnO3 compound: Investigation of low temperature magnetic state. 2018 , 274, 36-40		1
612	Giant low field magnetocaloric effect and magnetostructural coupling in MnCoGe1-xInx around room temperature. <i>Journal of Alloys and Compounds</i> , 2018 , 753, 149-154	5.7	9
611	Structural, magnetic and on magnetocaloric properties near the paramagnetic to ferromagnetic phase transition in La0.5?0.1Ca0.4MnO3 oxide. 2018 , 277, 13-18		12
610	Large magnetoresistance and relative cooling power in polycrystalline Pr0.775Sr0.225MnO3 compound. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 460, 234-238	2.8	6
609	Three-dimensional strain engineering in epitaxial vertically aligned nanocomposite thin films with tunable magnetotransport properties. 2018 , 5, 536-544		44
608	Subtractive fabrication of ferroelectric thin films with precisely controlled thickness. 2018 , 29, 155302		6
607	Energy Efficient Future Generation Electronics Based on Strongly Correlated Electron Systems. 2018 , 397-417		1
606	High-field magnetoconductance in La-Sr manganites of FM and AFM ground states. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 456, 167-178	2.8	4
605	Growth of LaAlO3 on silicon via an ultrathin SrTiO3 buffer layer by molecular-beam epitaxy. 2018 , 36, 021507		9
604	Optical and transport properties of new double perovskite oxide. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 6215-6224	2.1	14
603	Microstructure, Magnetic, and Magnetoresistance Properties of LaSrMnO:CuO Nanocomposite Thin Films. 2018 , 10, 5779-5784		20
602	Thickness-dependent magnetic and transport properties of La0.5Sr0.5MnO3 thin films deposited by DC magnetron sputtering on the LaAlO3 substrate. <i>Applied Physics A: Materials Science and Processing</i> , 2018 , 124, 1	2.6	1
601	Observation of Superconductivity in the LaNiO/LaSrMnO Superlattice. 2018 , 10, 1463-1467		15
600	In-plane reversal of the magnetic anisotropy in (110)-oriented LaCoO3/La0.67Sr0.33MnO3 heterostructures. 2018 , 8, 055809		1

599	Frontiers in the Growth of Complex Oxide Thin Films: Past, Present, and Future of Hybrid MBE. 2018 , 28, 1702772		58
598	Structural, magnetic, and magnetocaloric properties of bilayer manganite La1.38Sr1.62Mn2O7. 2018 , 115, 311-316		8
597	Structural, thermal, and transport properties of LaSrMnO nanoparticles synthesized the sol-gel auto-combustion technique 2018 , 8, 1600-1609		26
596	Structure and Magnetization of Polycrystalline La0.66Ca0.33MnO3 and La0.66Ba0.33MnO3 Films Prepared Using Sol-Gel Technique. 2018 , 31, 4141-4145		11
595	Role of antimony in the charge transport mechanisms for La0.67Ca0.33Mn1\(\text{\text{\text{B}}}\) SbxO3 manganites. 2018 , 541, 43-49		5
594	Influence of Chromium Doping on Electrical and Magnetic Behavior of Nd0.5Sr0.5MnO3 System. 2018 , 192, 133-144		5
593	Quantitative Observation of Threshold Defect Behavior in Memristive Devices with Operando X-ray Microscopy. 2018 , 12, 4938-4945		6
592	Magnetic and magnetocaloric properties in polycrystalline La0.2Gd0.5Ba0.3MnO3 compound. Journal of Magnetism and Magnetic Materials, 2018, 460, 165-170	2.8	5
591	Coexistence of spin-lattice and spin-spin relaxation mechanism in perovskite manganite (La0.5Pr0.5)0.67Ca0.33MnO3. <i>Materials Chemistry and Physics</i> , 2018 , 212, 230-236	4.4	6
590	Room-temperature ferromagnetism and oxygen pressure-dependent optical, ferromagnetic properties in SrSn0.5Co0.5O3 thin films. 2018 , 6, 276-282		6
589	Phase separation and second-order phase transition in the phenomenological model for a Coulomb-frustrated two-dimensional system. <i>Physical Review B</i> , 2018 , 97,	3.3	2
588	Improvement of room-temperature TCR and MR in polycrystalline La0.67(Ca0.27Sr0.06)MnO3 ceramics by Ag2O doping. 2018 , 44, 9865-9874		37
587	Magnetoresistance Scaling and the Anisotropy of Charge Carrier Scattering in the Paramagnetic Phase of Ho0.8Lu0.2B12 Cage Glass. 2018 , 107, 30-36		10
586	Enhanced magnetization and reduced leakage current by Zr substitution in multiferroic ScMnO3. Journal of Magnetism and Magnetic Materials, 2018, 448, 266-273	2.8	8
585	Enhanced room-temperature MR and TCR in polycrystalline La0.67(Ca0.33\square)MnO3 ceramics by oxygen assisted sintering. 2018 , 44, 2400-2406		43
584	Large room temperature magnetoresistance in La0.9Sr0.1MnO3 thin films. <i>Journal of Alloys and Compounds</i> , 2018 , 730, 327-332	5.7	10
583	Preparation of dense La0.67Ca0.33MnO3 ceramics by plasma activated sintering and hot-pressing. 2018 , 44, 550-555		8
582	Structure and magnetic properties in mixed valent LaCr0.7Cu0.3O3 ceramics. 2018 , 44, 339-342		4

581	Effect of calcination temperature on B-site vacancy content of La0.75Sr0.25Mn0.92 0 .08O3 perovskite. 2018 , 36, 287-297	2
580	Short-range antiferromagnetic correlations and large magnetic entropy change in (La0.5Pr0.5)0.67Ca0.33MnO3. 2018 , 53, 323-332	13
579	Physical properties of La0.67Ca0.13Sr0.2Mn1⊠FexO3 compounds doped Fe. 2018 , 8, 186-189	1
578	Estimating spontaneous magnetization from mean field analysis and critical exponents study in La0.6Sr0.4Mn0.9Al0.1O3 compound. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 460, 480-488	8
577	Estimation of the magnetic entropy change by means of Landau theory and phenomenological model in La0.6Ca0.2 Sr0.2MnO3/Sb2O3 ceramic composites. 2018 , 91, 573-585	5
576	Weakly spin-dependent band structures of antiferromagnetic perovskite LaMO (M $=$ Cr, Mn, Fe). 2018 , 30, 075502	6
575	Structural, Morphological, Differential Scanning Calorimetric and Thermogravimetric Studies of Ball Milled Fe Doped Nanoscale La0.67Sr0.33MnO3 Manganite. 2018 , 47, 1937-1943	2
574	Photoconductivity and photovoltage in oxygen deficient La0.9Na0.1MnO3/\(\mathbb{D}\)si heterojunction. 2018 , 51, 015108	
573	Electric-field-induced extremely large change in resistance in graphene ferromagnets. 2018, 51, 025002	9
572	Effect of rare-earth substitution at La-site on structural, electrical and thermoelectric properties of La0.7\(\text{La}\)RExSr0.3MnO3 compounds (x = 0, 0.2, 0.3; RE = Eu, Gd, Y). <i>Journal of Magnetism and</i> 2.8 <i>Magnetic Materials</i> , 2018 , 451, 110-120	15
571	Effect of sintering temperature on structural, magnetic and electrical transport properties of La0.67Ca0.33MnO3 ceramics prepared by Plasma Activated Sintering. 2018 , 99, 73-78	20
57°	Mitigating target degradation in sputtering manganite thin films. 2018 , 148, 131-135	
569	Surface Electronic Structure of Post-Annealed La0.67Sr0.33MnO3 Epitaxial Thin Films on SrTiO3(100). 2018 , 43, 179-182	
568	Transport Properties and Mechanisms Modulated by Doping Ratio of Ce in La 1- x Ce x MnO 3 Electronic-doped Films. 2018 , 47, 491-495	
567	Synthesis and Magnetic properties of Bulk and NanoPr0.57Ca0.43Mn0.98Ga0.02O3 Manganites. 2018 , 5, 20858-20864	Ο
566	Review of photoinduced effect in manganite films and their heterostructures. <i>Chinese Physics B</i> , 2018 , 27, 117501	3
565	Giant exchange bias in the single-layered Ruddlesden-Popper perovskite SrLaCo0.5Mn0.5O4. Physical Review B, 2018 , 98,	8
564	Layered Topological Insulators and Semimetals for Magnetoresistance Type Sensors. 2018 , 2, 1800039	6

563 Electroceramic Magnetics. **2018**, 229-245

562	Low temperature studies of Bi doped Pr0.6Sr0.4MnO3 manganites: magnetization and magneto-transport. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 19965-19975	2.1	2
561	Ab-initio analysis of magnetic, structural, electronic and thermodynamic properties of the Ba2TiMnO6 manganite. 2018 , 85, 27-36		9
560	Tolerance factors of hybrid organicihorganic perovskites: recent improvements and current state of research. 2018 , 6, 21785-21793		40
559	Spin dynamics characteristics of nitrogen vacancy spins in diamond films using enhanced Raman shift with spin microscopy. 2018 , 28, 647-652		1
558	Effect of buffer layer and film thickness on the growth mechanism of La0.67Ca0.33MnO3 films. 2018 , 501, 60-65		
557	Charge density functional plus U theory of LaMnO3: Phase diagram, electronic structure, and magnetic interaction. <i>Physical Review B</i> , 2018 , 98,	3.3	13
556	Coercive field enhancement in microstructured (La0.4Pr0.6)0.67Ca0.33MnO3 thin films. 2018 , 91, 1		O
555	Effect of Cr3+ substitution at Mn-site on electrical and magnetic properties of charge ordered Bi0.3Pr0.3Ca0.4MnO3 manganites. 2018 , 544, 34-46		5
554	Spin Direction-Controlled Electronic Band Structure in Two-Dimensional Ferromagnetic Crl. 2018 , 18, 3844-3849		95
553	Strong Interactions and Correlations. 2018 , 1-37		
552	Principles, Methods, Formation Mechanisms, and Structures of Nanomaterials Prepared in the Liquid Phase. 2018 , 71-111		1
551	Magnetic Properties of Nanomaterials. 2018 , 387-450		3
550	Effect of Coulomb interactions on optoelectronic and magnetic properties of novel A2V2O7 (A= Fe and Co) compounds. <i>Journal of Alloys and Compounds</i> , 2018 , 766, 536-545	5.7	16
549	Electron doping induced exchange bias and cluster glass magnetism in multiferroic Sc0.8Zr0.2MnO3. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 466, 225-233	2.8	5
548	Polaronic correlations and phonon renormalization in La1\(\mathbb{B}\)SrxMnO3(x=0.2,0.3). <i>Physical Review B</i> , 2018 , 97,	3.3	3
547	Unexpected Intermediate State Photoinduced in the Metal-Insulator Transition of Submicrometer Phase-Separated Manganites. 2018 , 120, 267202		10
546	A theoretical approach to study the magnetic and magnetocaloric properties in lanthanum manganites. <i>Journal of Alloys and Compounds</i> , 2018 , 766, 248-252	5.7	3

545	Role of Gallium in the charge transport mechanisms for La0.67Ca0.33Mn1⊠GaxO3 manganites. 2018 , 545, 182-189	6
544	Sintering and Reactive Sintering by Spark Plasma Sintering (SPS). 2018 ,	3
543	Magnetic and magnetotransport properties of epitaxial La0.7Sr0.3MnO3/SrIrO3/La0.7Sr0.3MnO3 spin valves. 2018 , 51, 385002	2
542	Colossal Magnetoresistance of Layered Manganite La1.2Sr1.8Mn2O7 and Its Description by a BpinPolaronIConduction Mechanism. <i>Physics of the Solid State</i> , 2018 , 60, 1078-1081	5
541	Role of surface oxidation for thickness-driven insulator-to-metal transition in epitaxial MoO2 films. Applied Surface Science, 2018, 459, 92-97 6.7	5
540	Formation energetics and magnetism in Ca/TM doped CaZrO3: DFT investigation. 2018 , 546, 54-58	1
539	Effect of B-site dopants on the electrical properties of BaMn1 $\mbox{1}\mbox{2}$ A x O3 ceramics via low temperature impedance spectroscopy. 2018 , 5, 086304	О
538	Octahedral distortion-driven electrical and vibrational properties of A2ErTaO6 (A=Sr and Ca) double perovskite oxides. 2018 , 08, 1850025	2
537	Interface Engineering and Emergent Phenomena in Oxide Heterostructures. 2018, 30, e1802439	72
536	Electromagnetic Functionalization of Wide-Bandgap Dielectric Oxides by Boron Interstitial Doping. 2018 , 30, e1802025	2
535	Metal-Doped Lead Halide Perovskites: Synthesis, Properties, and Optoelectronic Applications. 2018 , 30, 6589-6613	324
534	Magnetothermopower, magnetoresistance and magnetothermal conductivity in La0.95Sr0.05Co1 $\overline{\mathbb{R}}$ Mn x O3 (0.00 $\overline{\mathbb{R}}$ $\overline{\mathbb{H}}$.00). 2018 , 5, 086110	6
533	Oxygen Effect on the Properties of Epitaxial (110) LaSrMnO by Defect Engineering. 2018, 10, 21001-21008	14
532	Influence of Al-doping on the structural, magnetic, and electrical properties of La0.8Ba0.2Mn1⊠AlxO3 (0?x?0.25) manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2.8 2018 , 465, 339-347	7
531	Influence of sintering temperature on the electrical and thermal properties of bulk samples of Pr2/3Sr1/3MnO3-12018, 545, 141-145	3
530	Effect of co-doping of Fe and Gd on the structural, morphological and dielectric properties of LaMnO3 nanocrystallites using Sol-Gel technique. 2018 , 5, 075018	6
529	Studies of doped LaMnO3 samples prepared by citrate combustion process. 2018,	
528	Impact of cationic vacancies on the physical characteristics of multiferroic GdMnO3. <i>Journal of Applied Physics</i> , 2018 , 123, 234102	13

527	Magnetic properties of La doped SmFeO3. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 469, 76-8 <u>០</u> .8	5
526	A thin film perspective on quantum functional oxides. 2019 , 19, 207-214	4
525	Room-temperature TCR and low-field MR of La0.7Ca0.3-Sr MnO3 (0.06 🏗 🛈.1) polycrystalline ceramics. 2019 , 45, 21448-21456	5
524	Synthesis and magnetic properties of 4:1 hard-soft SrFe12O19-La1-xSrxMnO3 nanocomposite prepared by auto-combustion method. 2019 , 9, 075308	11
523	Isotropic magnetoresistance and enhancement of ferromagnetism through repetitious bending moments in flexible perovskite manganite thin film. <i>Journal of Alloys and Compounds</i> , 2019 , 806, 753-76 $^{\circ}$	20
522	Exchange Interactions between Atoms of Rare-Earth Elements in the Perovskite Structure. 2019 , 89, 1136-1141	O
521	Jahn-Teller distortion effects on the transport properties of La0.7Ca0.3Mn1⊠FexO3 perovskite NPs. 2019 , 6, 095060	
520	La0.67(Ca0.24Sr0.09)MnO3:xAg2O (0 lk ld).25) composites with improved roomlemperature TCR and MR for advanced uncooling infrared bolometers and magnetic sensors. <i>Applied Surface Science</i> , 6.7 2019 , 493, 448-457	24
519	Influence of Ag on TCR and MR of La0.7(Ca0.27Sr0.03)MnO3:Ag0.2 ceramics subjected to cross magnetic fields. 2019 , 45, 20396-20404	2
518	Magnetocaloric behavior of chromium doped Pr0.5Sr0.5MnO3 system. 2019 , 571, 101-104	
518 517	Magnetocaloric behavior of chromium doped Pr0.5Sr0.5MnO3 system. 2019 , 571, 101-104 Oxides: An answer to the qubit problem?. 2019 , 33, 1930003	0
		O
517	Oxides: An answer to the qubit problem?. 2019 , 33, 1930003 Influence of Er doping on La site on lattice effect of low field magnetoresistance of manganite	o 7
517 516	Oxides: An answer to the qubit problem?. 2019 , 33, 1930003 Influence of Er doping on La site on lattice effect of low field magnetoresistance of manganite La0.7Ca0.3MnO3. 2019 , 198, 1-8 Unambiguous determining the Curie point in perovskite manganite with second-order phase	
517516515	Oxides: An answer to the qubit problem?. 2019, 33, 1930003 Influence of Er doping on La site on lattice effect of low field magnetoresistance of manganite La0.7Ca0.3MnO3. 2019, 198, 1-8 Unambiguous determining the Curie point in perovskite manganite with second-order phase transition by scaling method. 2019, 383, 125843 Tunable low-field magnetoresistance properties in (La0.7Ca0.3MnO3)1½:(CeO2)x vertically aligned	7
517516515514	Oxides: An answer to the qubit problem?. 2019, 33, 1930003 Influence of Er doping on La site on lattice effect of low field magnetoresistance of manganite La0.7Ca0.3MnO3. 2019, 198, 1-8 Unambiguous determining the Curie point in perovskite manganite with second-order phase transition by scaling method. 2019, 383, 125843 Tunable low-field magnetoresistance properties in (La0.7Ca0.3MnO3)1\(\mathbb{L}\):(CeO2)x vertically aligned nanocomposite thin films. 2019, 115, 053103 Pressure-Induced Large Volume Collapse, Plane-to-Chain, Insulator to Metal Transition in CaMnBi.	7
517516515514513	Oxides: An answer to the qubit problem?. 2019, 33, 1930003 Influence of Er doping on La site on lattice effect of low field magnetoresistance of manganite La0.7Ca0.3MnO3. 2019, 198, 1-8 Unambiguous determining the Curie point in perovskite manganite with second-order phase transition by scaling method. 2019, 383, 125843 Tunable low-field magnetoresistance properties in (La0.7Ca0.3MnO3)1\(\text{L}:(CeO2)\(\text{x}\) vertically aligned nanocomposite thin films. 2019, 115, 053103 Pressure-Induced Large Volume Collapse, Plane-to-Chain, Insulator to Metal Transition in CaMnBi. Inorganic Chemistry, 2019, 58, 8933-8937 The effect of particle size on the structural, magnetic and electrical properties of La0.9Ba0.1MNO3	7 11 2

509 Explaining the Magnetic Properties of Oxygen Deficient LSMO Thin Films by iDPC. **2019**, 25, 1748-1749

508	Electrical Transport and magnetoresistance properties of La0.8Ca0.2-xAgxMnO3 (x = 0 and 0.05). 2019 , 546, 042037	
507	Near-Room-Temperature Ferrimagnetic Ordering in a B-Site-Disordered 3d-5d-Hybridized Quadruple Perovskite Oxide, CaCuMnOsO. <i>Inorganic Chemistry</i> , 2019 , 58, 15529-15535	7
506	Defects induced huge magnetoresistance in epitaxial La1\(\mathbb{R}\)SrxMnO3 thin films deposited by magnetic sputtering. 2019 , 115, 182405	4
505	Electric field control of the photoinduced resistance increase in La0.7Sr0.3MnO3/LaTiO3/SrTiO3 heterostructure. <i>Physical Review B</i> , 2019 , 100,	4
504	Hydrothermal Synthesis and Up-conversion Luminescence of Ho3+/Yb3+ Co-doped PbTiO3. 2019 , 645, 1111-1117	1
503	La0[7Ca0.3Br MnO3:Ag0.2 (0.0165 [k [0.1) ceramics with large and stable TCR in different magnetic field environments. 2019 , 45, 24742-24749	8
502	Room-Temperature Low-Field Colossal Magnetoresistance in Double-Perovskite Manganite. 2019 , 123, 126602	27
501	Probing the Interfacial Symmetry Using Rotational Second-Harmonic Generation in Oxide Heterostructures. 2019 , 123, 23000-23006	3
500	In situ Auger electron spectroscopy of complex oxide surfaces grown by pulsed laser deposition. 2019 , 37, 061401	4
499	Magnetic and Magneto-Transport Properties of the Sb Doping Mn Site in La0.67Ba0.33Mn1⊠SbxO3 (0.03 and 0.07) Manganites. 2019 , 197, 458-470	
498	Antiferromagnetic Ordering in 25% Ca Doped Antisite-disordered Ferromagnetic La2CoMnO6 Double Perovskite. 2019 , 11, 724-728	O
497	Structure and thermal analysis of Ba0.5La0.5MnO3 polycrystalline powder. 2019 , 33, 1950244	8
496	Large magnetocaloric effect and critical behavior in Cu-doped nanocrystalline La0.7Te0.3Mn1-yCuyO3 (0.1 y (0.5). 2019 , 169, 108943	4
495	Magnetotransport Properties of the Orbital-Ordered State of Ba1⊠SrxV13O18. 2019 , 88, 024708	О
494	Recent advances in perovskite oxides for anion-intercalation supercapacitor: A review. <i>Materials Science in Semiconductor Processing</i> , 2019 , 94, 35-50	107
493	Robust electronic phase separation on nanoscale of perovskite manganite La0.825Sr0.175MnO3. 2019 , 45, 9179-9184	17
492	Probing the Structural, Electronic, Mechanical Strength and Thermodynamic Properties of Tungsten-Based Oxide Perovskites RbWO3 and CsWO3: First-Principles Investigation. 2019 , 48, 4886-4894	6

491	Atomic replacement effects on the band structure of doped perovskite thin films. 2019, 9, 7828		3
490	Ab initio calculations for the H-decorated neutral and charged oxygen vacancy in erbium oxide. 2019 , 144, 188-192		O
489	Improved temperature coefficient of resistance in La1-xCaxMnO3:Ag0.2 (0.25 kp.33) ceramics prepared by solgel method. <i>Journal of Alloys and Compounds</i> , 2019 , 800, 64-71	5.7	6
488	Impact of Titanium Doping on Structural, Magnetic, and Magnetocaloric Properties and Order of Transition in La0.5Pr0.3Ba0.2Mn1- x TixO3 ($x = 0.0$ and 0.1) Manganite. 2019 , 32, 3679-3690		4
487	All-inorganic SrSnO3 perovskite nanowires for efficient CO2 electroreduction. 2019 , 62, 861-868		17
486	Freestanding crystalline oxide perovskites down to the monolayer limit. 2019 , 570, 87-90		206
485	Thickness-driven first-order phase transitions in manganite ultrathin films. <i>Physical Review B</i> , 2019 , 99,	3.3	5
484	Polarization control of photoconductivity in BiFeO3/La1-xSrxMnO3 (x=0.33, 0.5) heterostructures. 2019 , 45, 19550-19553		3
483	Atomic-resolution in-situ cooling study of oxygen vacancy ordering in La0.5Sr0.5CoO3lthin films. 2019 , 114, 233101		10
482	Dielectric relaxation of the double perovskite oxide BaPrRuO 2019 , 9, 12319-12324		10
481	Growth of La-Doped BaSnOlFilm via Two-Step Spin Coating. 2019 , 19, 6297-6302		
480	Magnetic entropy table-like shape and enhancement of refrigerant capacity in LaCaMnO-LaEuCaMnO composite 2019 , 9, 14916-14927		18
479	Electrical and magnetic properties of La1\(\mathbb{B}\)SrxMnO3 (0.1\(\mathbb{k}\)\(\mathbb{D}\).25) ceramics prepared by sol\(\mathbb{G}\)electrical technique. 2019 , 45, 16323-16330		14
478	Investigation of Mn 3d derived states in La0.2Sr0.8MnO3. 2019 , 6, 086316		1
477	Temperature Dependent Raman Spectroscopic Study of the Fe Doped La0.67Sr0.33MnO3 Prepared Using Ball Milling Method. <i>Physics of the Solid State</i> , 2019 , 61, 618-626	0.8	2
476	Size control on the magnetism of La0.7Sr0.3MnO3. <i>Journal of Alloys and Compounds</i> , 2019 , 797, 874-882	5.7	23
475	Structural and electrical properties of La0.67(Ca0.3Sr0.03)MnO3 composites prepared with added Ag. <i>Journal of Alloys and Compounds</i> , 2019 , 794, 365-373	5.7	6
474	Insight into the Structural, Electronic, Elastic, Mechanical, and Thermodynamic Properties of XReO3 (X = Rb, Cs, Tl) Perovskite Oxides: A DFT Study. 2019 , 74, 827-836		2

473	Phonon stability, electronic structure results, mechanical and thermodynamic properties of RbSbO and CsSbO perovskite oxides: Ab initio investigation. 2019 , 90, 120-127		8
472	Substrate-induced strain effect on magnetic and electrical transport properties of La0f67Ca0f33MnO3 thin films with varying orientation. 2019 , 164, 312-318		9
471	Phenomenological modeling of magnetic and magnetocaloric properties in rare earth doped La0.8Ca0.2MnO3. 2019 , 92, 411-418		2
470	Intrinsic Negative Magnetoresistance in Van Der Waals FeNbTe Single Crystals. 2019 , 31, e1900246		10
469	Creating emergent phenomena in oxide superlattices. 2019 , 4, 257-268		88
468	Reversible perovskite electrocatalysts for oxygen reduction/oxygen evolution. 2019 , 10, 4609-4617		22
467	Negative Magnetic Entropy Change and Critical Behavior of Manganite La0.8Sr0.2Mn1 \boxtimes CoxO3 (x = 0, 0.2). 2019 , 195, 81-95		1
466	Emergent phenomena of magnetic skyrmion and large DM interaction in perovskite manganite La0.8Sr0.2MnO3. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 483, 42-47	2.8	14
465	Trimers of MnO6 octahedra and ferrimagnetism of Ba4NbMn3O12. 2019 , 6, 056108		5
464	Heteroanionic Materials by Design: Progress Toward Targeted Properties. 2019 , 31, e1805295		84
463	Phase Diagram and Magnetocaloric Effect of Mn2Tb-Fe2Tb System. 2019 , 32, 2895-2902		0
462	Electrical transport properties and enhanced broad-temperature-range low field magnetoresistance in LCMO ceramics by Sm2O3 adding. <i>Journal of Alloys and Compounds</i> , 2019 , 790, 240-247	5.7	12
461	Oxide Analogs of Halide Perovskites and the New Semiconductor BaAgIO. 2019 , 10, 1722-1728		18
460	Spectroscopic properties of GdxLa1🛭 AlO3 nanocrystals doped with Pr3+ ions. 2019 , 43, 6242-6248		1
459	Molecular Beam Epitaxy for Oxide Electronics. 2019 , 423-452		3
458	Theoretical study of anisotropy in orbital and antiferromagnetic spin orderings in CMR manganites. 2019 , 8, 25		
457	Magnetoresistance and Structural Characterization of Electrospun La1\(\mathbb{U}\)SrxMnO3 Nanowire Networks. 2019 ,		
456	Dynamic motion and freezing of polaronic local structures in a colossal-magnetoresistive perovskite manganite La0.7Ca0.3MnO3 detected with radioactive nuclei. <i>Physical Review B</i> , 2019 , 100,	3.3	2

455 Bibliography. **2019**, 231-282

454	Low temperature anomalies and room temperature magnetism in In0.95Fe0.05Sb dilute magnetic semiconducting film. <i>Journal of Applied Physics</i> , 2019 , 126, 215702	2.5	3
453	A Griffiths-like phase and variable range hopping of polarons in orthorhombic perovskite Pr2CrMnO6. 2019 , 43, 17351-17357		6
452	Hidden metal-insulator transition in manganites synthesized via a controllable oxidation. 2019 , 62, 577-	-585	6
451	Assessment of the relationship between magnetotransport and magnetocaloric properties in nano-sized La0.7Ca0.3Mn1\(\text{N}\) in manganites. Journal of Magnetism and Magnetic Materials, 2019 , 469, 558-569	2.8	10
450	Study of the structural, mechanical, electronic and magnetic properties of quaternary YFeCrX (X = Al, Ga, In, Si, Ge, Sn, P, As, Sb) Heusler alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 476, 398-411	2.8	12
449	Effect of A-site disorder of heavier rare earth ion on structural, magnetic and transport properties of lanthanum based chromium manganite perovskite system. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 98-107	2.1	5
448	Magnetocaloric materials: From micro- to nanoscale. 2019 , 34, 134-157		26
447	Ginzburg-Landau theory for the magnetic and structural transitions in La (Ca Sr) MnO. 2019 , 31, 025804	1	
446	Magnetic anisotropy and magnetization enhancement of Gd3+-doped SmFeO3. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 476, 568-573	2.8	8
445	Impedance studies of La0.6Gd0.1Sr0.3Mn0.9In0.1O3 manganite prepared by the sol-gel method. Journal of Alloys and Compounds, 2019 , 777, 358-363	5.7	16
444	Investigation of the Structural, Magnetic, Magnetocaloric, Electrical Properties, and Spin-Polarized Tunneling Effect of the La0.5Ca0.3Te0.2MnO3 System. 2019 , 32, 463-473		3
443	Critical behavior and magnetocaloric effect in La0.67Sr0.33MnO3.01 compounds. 2019 , 87, 15-20		3
442	La1-xSrxMnO3:Ag0.2 (0.1 $\not\!$		38
441	Hydrothermal synthesis, structure and magnetic properties of Ru doped La0.5Sr0.5MnO3. 2019 , 14, 1		
440	Structural, magnetic and magnetocaloric properties of La0.5Sm0.2Sr0.3Mn1-xFexO3 compounds with (0 [x [D.15]). <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 475, 635-642	2.8	11
439	Charge orbital and spin ordering transitions in La1-Sr MnO3+4(x´=´0.67 & 0.71). <i>Journal of Alloys and Compounds</i> , 2019 , 782, 277-287	5.7	3
438	Properties of La1.85Sr0.15CuO4/La0.7Sr0.3MnO3 hybride nanowire networks prepared by electrospinning. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 475, 741-745	2.8	3

437	Non-destructive Testing of a Monocrystalline Silicon Solar Cell: Magnetic Field - Electrical Properties Correlation. 2019 , 11, 2439-2443	1
436	Electrical and magnetic properties of La0.7Ca0.3Mn0.9Co0.1O3 locating at a threshold of the first-and second-order phase transitions. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 470, 59-63	5
435	Phase separation and local lattice distortions analysis of charge-ordered manganese films La1-xCaxMnO3-lby Raman spectroscopy. 2019 , 127, 100-108	3
434	Effect of Fe Substitution on the Physical Properties of La0.62Er0.05Ba0.33Mn1 \square FexO3(x = 0.00, 0.05 and 0.15). 2019 , 32, 301-310	О
433	Influence of Fe3O4 on metal[hsulator transition temperature of La0.7Ca0.3MnO3 thin films. 2020 , 55, 99-106	
432	Structure, magnetism and electrical transport of sol-gel derived La0.30Pr0.30Ca0.40MnO3: Elucidating consequences of size effect. <i>Journal of Magnetism and Magnetic Materials</i> , 2020 , 497, 166003 ^{2.8}	6
431	Large-scale multiferroic complex oxide epitaxy with magnetically switched polarization enabled by solution processing. 2020 , 7, 84-91	11
430	Terahertz Emission Functionality of High-Temperature Superconductors and Similar Complex Systems. 2020 , 8, 1900892	16
429	Probing the Griffiths like phase, unconventional dual glassy states, giant exchange bias effects and its correlation with its electronic structure in Pr Sr CoMnO. 2020 , 32, 215801	3
428	Study on the Effect of Vacancy Doping on the Magnetocaloric Effect of La0.65\(\mathbb{R}\)Ca0.35MnO3 (0 \(\mathbb{k}\)\(\mathbb{D}\).15). 2020 , 33, 1137-1142	
427	Study of magnetic and magneto-transport properties of nanocrystalline Nd0.5Ca0.5MnO3 compound: Observation of large magnetoresistance. <i>Journal of Magnetism and Magnetic Materials</i> , 2.8 2020 , 501, 166421	7
426	First-principles calculations of charge carrier mobility and conductivity in bulk semiconductors and two-dimensional materials. 2020 , 83, 036501	71
425	Ferromagnetics. 2020 , 165-195	
424	The electronic transport characteristics in wide band-gap nitrogen vacancy diamond/Si hetero-structure using Raman spectrum. 2020 , 532, 125238	
423	Fabrication and characterization of micropatterned La0.67Ca0.33MnO3 films via the UV assisted photosensitive solution deposition method. 2020 , 93, 678-686	1
422	Terahertz Electrodynamics in Transition Metal Oxides. 2020 , 8, 1900958	13
421	Magnetic glassy state at low spin state of Co in EuBaCoO (☐= 0.47) cobaltite. 2020 , 32, 155803	0
420	Honeycomb Li2Ru1-Rh O3 solid solution: Structure and electronic properties. 2020 , 282, 121061	

419	Inhomogeneous-strain-induced magnetic vortex cluster in one-dimensional manganite wire. 2020 , 65, 201-207		5
418	Voltage-regulated magnetization reversal in BNTFC/LSMO composite thin film. <i>Applied Surface Science</i> , 2020 , 509, 144823	6.7	2
417	Structural, magnetic and magnetocaloric properties of Nanostructured La0.5Bi0.2Sr0.3MnO3 perovskites. 2020 , 580, 411909		9
416	Theoretical investigation on orthorhombic XMnO3 (X´= Nd, Dy and Ho) perovskite manganates using DFT. 2020 , 760, 138005		1
415	Research Progress in Rare Earth-Doped Perovskite Manganite Oxide Nanostructures. 2020 , 15, 9		31
414	Effects of the sintering temperature on the La0.63Gd0.37MnO3 structure and magnetic properties. <i>Applied Physics A: Materials Science and Processing</i> , 2020 , 126, 1	2.6	O
413	Quadruple perovskite oxide LaCu3Co2Re2O12: A ferrimagnetic half metal with nearly 100% B-site degree of order. 2020 , 117, 152402		5
412	The emergence of magnetic ordering at complex oxide interfaces tuned by defects. 2020 , 11, 3650		10
411	Unusually Large Thermopower Change from +330 to 🛮 85 🖫 .K 🗓 of Brownmillerite SrCoO2.5. 2020 , 2, 2250-2256		2
410	Direct observation of electric and magnetic fields of functional materials. 2020 , 142, 100564		5
409	Properties of La0.7Ca0.3MnO3 under extreme tensile strain. <i>Physical Review B</i> , 2020 , 102,	3.3	5
408	Physical investigations on LaMn1NixO3 perovskite sprayed thin films along with surface magnetic applications. <i>Applied Physics A: Materials Science and Processing</i> , 2020 , 126, 1	2.6	2
407	2D electron gas in chalcogenide multilayers. 2020 , 189-234		
406	Utilization of metallic Ag and Ag+ ions to optimize room-temperature TCR and MR of La0.7(Ca0.205Sr0.095)MnO3:xAg2O composites. 2020 , 8, 17054-17064		11
405	Influence of sintering temperature on the structural, electrical transport and magnetic behaviour of La0.7Sr0.3MnO3 prepared through co-precipitation technique. 2020 , 47, 539-539		
404	Investigation of electronic and magneto-transport properties in Nd doped Pr0.67Sr0.33MnO3 perovskite manganite. 2020 ,		1
403	Influence of Sr substitution on structural, magnetic and magnetocaloric properties in La0.67Ca0.33\(\mathbb{R}\)SrxMn0.98Ni0.02O3 manganites. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 15322-15335	2.1	6
402	Composites (11k)La0.7Ca0.3MnO3/xLa0.7Sr0.2Ca0.1MnO3: Electrical transport properties and enhancing of low-field-magnetoresistance and colossal magnetoresistance. <i>Journal of Alloys and Compounds</i> , 2020 , 849, 156607	5.7	6

401	The in-plane magnetic anisotropy in manganite film: A novel magnetic anisotropy induced by structural anisotropy. 2020 , 10, 095113		3
400	Effect of Bland Blaite substitution on magnetic properties of bulk and nanoparticles of Pr0.57Ca0.43MnO3 manganite. 2020 ,		
399	Colossal magnetoresistance in a nonsymmorphic antiferromagnetic insulator. <i>Npj Quantum Materials</i> , 2020 , 5,	5	6
398	Magnetic Field Induced Berezinskii-Kosterlitz-Thouless Correlations in 3-Dimensional Manganites. 2020 , 5, 2251-2260		1
397	Impact of Alkali Ions Codoping on Magnetic Properties of La0.9A0.1Mn0.9Co0.1O3 (A: Li, K, Na) Powders and Ceramics. 2020 , 10, 8786		
396	A perspective on electrode engineering in ultrathin ferroelectric heterostructures for enhanced tunneling electroresistance. 2020 , 7, 041316		4
395	Spin glass like transition in monolayer La0.7Sr1.3MnO4 manganite. 2020 ,		
394	Synthesis, characterization of LCMO composite and fabrication of its thin films by R.F magnetron sputtering for room-temperature applications. 2020 ,		1
393	Interfacial reconstruction in La0.7Sr0.3MnO3 thin films: giant low-field magnetoresistance. 2020 , 2, 27	792-279	995
392	Study of magnetic and magnetoresistance behaviour of La0.67Sr0.33MnO3-CoFe2O4 composites. Journal of Magnetism and Magnetic Materials, 2020 , 513, 167058	2.8	6
391	Thermally evaporated FeMGaMnSi (MCo, Ni) high entropy alloy thin films: Magnetic and magnetoresistance properties. 2020 , 539, 120063		5
390	Large magnetodielectric effect and negative magnetoresistance in NiO nanoparticles at room temperature 2020 , 10, 13708-13716		14
389	Magnetic and electronic transport properties of electron-doped La0.9⊠BixTe0.1MnO3 (0.00Ū x₱.2)Manganites. <i>Materials Chemistry and Physics</i> , 2020 , 248, 122940	4.4	0
388	Materials with strong spin-textured bands. Npj Quantum Materials, 2020, 5,	5	4
387	Insight into phase transition temperatures enhancement induced by oxygen post-annealing in low doped manganite films. 2020 , 46, 18175-18183		3
386	Description of the Colossal Magnetoresistance of La1.2Sr1.8Mn2O7 Based on the Spin-Polaron Conduction Mechanism in the Ferromagnetic Temperature Range. 2020 , 130, 543-548		4
385	Investigation on bismuth-based oxide perovskites MBiO3 (M = Rb, Cs, Tl) for structural, electronic, mechanical and thermal properties. 2020 , 93, 1		9
384	Assessment of structural, optical, magnetic, magnetocaloric properties and critical phenomena of La0.57Nd0.1Sr0.18Ag0.15MnO3 system at room temperature. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 11983-11996	2.1	1

383	Impact of weak ferromagnetism on the magnetocaloric properties of A-site-doped PrMnO3 compound. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 11714-11719	1
382	Evidence for Interfacial Octahedral Coupling as a Route to Enhance Magnetoresistance in Perovskite Oxide Superlattices. 2020 , 7, 1901576	4
381	Direct experimental evidence of physical origin of electronic phase separation in manganites. 2020 , 117, 7090-7094	16
380	Tuning ferromagnetism at room temperature by visible light. 2020 , 117, 6417-6423	8
379	The role of oxygen vacancies of ABO3 perovskite oxides in the oxygen reduction reaction. 2020 , 13, 1408-14	128 181
378	Effect of high energy electron beam irradiation on the structural properties, electrical resistivity and thermopower of La0.5Sr0.5MnO3 manganites. 2020 , 585, 412119	2
377	. 2020,	2
376	High-pressure synthesis and spin glass behavior of a Mn/Ir disordered quadruple perovskite CaCuMnIrO. 2020 , 32, 075701	8
375	3D-Ising like ferromagnetism in skyrmionic-bubbles host infinite-layer LaSrMnO manganite perovskite. 2020 , 32, 195803	4
374	Effect of A-site cationic radius on ceramic La0.67\(\text{NDyxSr0.33MnO3} \) prepared by sol\(\text{gel technique}. \) Journal of Materials Science: Materials in Electronics, 2020 , 31, 7623-7629	O
373	Summerfield scaling model and conduction processes defining the transport properties of silver substituted half doped (Lata) MnO3 ceramic. 2020 , 46, 24710-24717	13
372	Structural, optical and electrical characterization of Ba2YbTaO6. 2020 , 583, 412057	2
371	Hall voltage reversal and structural phase transition in VO2 thin films. 2020 , 116, 082106	1
370	Thermopower of double-barrier magnetic tunnel junctions with a middle La0.7Sr0.3MnO3 layer. 2020 , 95, 055810	
369	Ru doping effect on the structural, electronic, transport, optical and dye degradation properties of layered Li2MnO3. 2020 , 2, 1	1
368	Non-Ohmic conduction in exfoliated La0.7Ca0.3MnO3 thin films. 2020 , 116, 022401	5
367	Temperature dependence of tunneling current in Pt/Nb:SrTiO3 Schottky junction. 2020, 116, 022901	0
366	The application of perovskite materials in solar water splitting. 2020 , 41, 011701	20

(2021-2020)

365	Effect of short range ferromagnetic interaction on magnetocaloric properties of polycrystalline Eu0.55Sr0.45MnO3 compound. <i>Journal of Magnetism and Magnetic Materials</i> , 2020 , 502, 166507	2.8	7
364	Epitaxial optimization of atomically smooth Sr3Al2O6 for freestanding perovskite films by molecular beam epitaxy. 2020 , 697, 137815		11
363	Vertical Strain-Driven Antiferromagnetic to Ferromagnetic Phase Transition in EuTiO Nanocomposite Thin Films. 2020 , 12, 8513-8521		7
362	Low temperature spin polarized tunnelling magneto-resistance in La1-xCaxMnO3 (x=0.375 and 0.625) nanoparticles. 2020 , 3, 45-49		3
361	Electret formation in transition metal oxides by electrochemical amorphization. 2020, 12,		77
360	One Ce, Two Ce, Three Ce, Four? An Intermetallic Homologous Series to Explore: An+1BnX3n+1. 2020 , 32, 1575-1580		8
359	Influence of Ruthenium Doping on the Crystal Structure and Magnetic Properties of Pr0.67Ba0.33Mn1⊠RuxO3 Manganites. <i>Crystals</i> , 2020 , 10, 295	2.3	6
358	Synthesis and study of impendence spectroscopy properties of La0.6Ca0.2Na0.2MnO3 manganite perovskite prepared using solgel method. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 8248-8257	2.1	3
357	Synthesis and characterization of patterned La2/3Sr1/3MnO3 epitaxial thin films via the ultraviolet-visible spectrum assisted photosensitive sol-gel method. 2020 , 698, 137872		1
356	Anisotropic character of the metal-to-metal transition in Pr4Ni3O10. <i>Physical Review B</i> , 2020 , 101,	3.3	11
355	Close look on the impact of treating dysprosium manganite with Ca/Sr in terms of transport properties. <i>Journal of Alloys and Compounds</i> , 2020 , 834, 155121	5.7	1
354	Perovskite: Name Puzzle and German-Russian Odyssey of Discovery. 2020 , 103, e2000061		15
353	Magnetoimpedance spectroscopy of phase-separated LaCaMnO polycrystalline manganites. 2020 , 22, 11625-11636		4
352	Multiscale Patterning from Competing Interactions and Length Scales. 2020,		O
351	XAS and XPS analysis of double magnetic transition, canonical spin glass behavior and magnetoresistance in LaMn1-xCoxO3 (0.1 [x [0.5) system. 2021, 47, 6753-6763		O
350	Structure, magnetism and electrical transport in La1-Pr Ca MnO3 ($y = 0.30, 0.35, 0.40; x = 0.40$): Consequences of the interplay between intrinsic ionic radius and extrinsic particle size. <i>Materials Chemistry and Physics</i> , 2021 , 258, 123900	4.4	1
349	High-throughput computational screening of oxide double perovskites for optoelectronic and photocatalysis applications. 2021 , 57, 351-358		4
348	Enhanced hydrogen evolution reaction activity by engineering the multiple valence of Mn in the manganite electrocatalyst. 2021 , 192, 32-36		4

347	Study on magnetoresistance of Ni48Mn22Ga22Co4Cu4 microwires. 2021, 323, 114112	0
346	Influence of Pb concentration on structural and electrical transport properties of Nd1-xPbxMnO3 (x=0.1, 0.2, 0.3 & 0.4). <i>Journal of Alloys and Compounds</i> , 2021 , 861, 157985	1
345	Mn 2+ -Doped Metal Halide Perovskites: Structure, Photoluminescence, and Application. 2021 , 15, 2000334	48
344	The Impact of Disorder on the Disappearance of Metamagnetic Behavior and Enhancement of Temperature Coefficient of Resistivity for (La1\(\text{N}\) Ndx)2/3(Ca1\(\text{S}\) Sry)1/3MnO3 Ceramics. 2021 , 202, 175-184	O
343	Enhancement of intrinsic magnetoresistance in Zn doped La0.9Sr0.1MnO3 epitaxial films. <i>Journal of Alloys and Compounds</i> , 2021 , 859, 157817	O
342	A Monte Carlo study of the yttrium-based Heusler alloys: Y2CrGa and YFeCrGa. 2021 , 17, 552-566	11
341	Investigation of physical properties of manganite on example of Sm0.35Pr0.2Sr0.45MnO3. 2021 , 600, 412548	3
340	陳為初期 - " <mark>時 </mark>	
339	Colossal Magnetoresistance without Mixed Valence in a Layered Phosphide Crystal. 2021, 33, e2005755	5
338	What Can Electric Noise Spectroscopy Tell Us on the Physics of Perovskites?. 2021 , 11, 96	6
337	Prediction of low-Z collinear and noncollinear antiferromagnetic compounds having momentum-dependent spin splitting even without spin-orbit coupling. 2021 , 5,	11
336	Precious Metal-Free LaMnO Perovskite Catalyst with an Optimized Nanostructure for Aerobic C-H Bond Activation Reactions: Alkylarene Oxidation and Naphthol Dimerization. 2021 , 13, 5099-5110	7
335	Effects of the initial flux ratio on CeSb2 crystal growth by a self-flux method. 2021, 23, 5045-5052	0
334	Structural and Elastic Behavior of Chromium Doped Pr_{0.5}System. Pr₃System. 2021 , 10, 26-35	
333	Room-temperature giant magnetotranstance effect in single-phase multiferroics. 2021 , 64, 1	
332	Magnetotransport. 2021 , 1-41	
331	BiMnPO with ferromagnetic Mn-(EO)-Mn units: a model for magnetic exchange in edge-linked MnO octahedra. 2021 , 57, 7027-7030	0
330	Physical Sensors: Magnetic Sensors. 2021 ,	

329	Promoting Metamagnetic Transition by Interphase Magnetic Coupling. 2021, 4, 2000094	Ο	
328	Modulating the transport property of flexible La0.67Ca0.33MnO3 thin film by mechanical bending. 2021 , 118, 052404	2	
327	Critical behaviour and renormalization of magnetic entropy change in La0.65Nd0.05Ba0.3Mn1\(\mathbb{U}\)CrxO3 (0 \(\mathbb{I}\)x \(\mathbb{D}\)0.15) ceramics. Journal of Materials Science: Materials in Electronics, 2021, 32, 6094-6109	1	
326	Approaches to enhance low-field magnetoresistance effect at room temperature of self-assembled manganite nanocomposite films via microstructure design. 2021 , 46, 131-135	1	
325	In Situ Monitoring of Composition and Sensitivity to Growth Parameters of Pulsed Laser Deposition. 2021 , 3, 1422-1428	3	
324	Role of oxygen content in thickness dependent phase transition temperatures in La0.9Sr0.1MnO3 films. <i>Applied Surface Science</i> , 2021 , 539, 148261	2	
323	High-density sol-gel derived, cold-isostatically pressed La0.67Ca0.27Sr0.06MnO3 polycrystalline ceramics and their room-temperature TCR improvement. 2021 , 47, 7674-7682	О	
322	Screening and Array Optimization of Metal-Oxide-Semiconductor Gas Sensing Materials. 2021 , 680, 012095		
321	Comparative studies on the structural, magnetic, and optical properties of perovskite Ln0.67Ca0.33MnO3 (Ln = La, Pr, Nd, and Sm) manganite nanoparticles synthesized by solgel method. 2021 , 11, 035007	2	
320	Perovskite OxideHalide Solid Solutions: A Platform for Electrocatalysts. 2021 , 133, 10041-10046	Ο	
319	Structural characterization and magnetic properties of single-crystalline (La0.6Pr0.4)0.67Ca0.33MnO3 nanowires. 2021 , 104, 5402-5410		
318	Spin-glass-like behavior and magnetocaloric properties in LaBiCaMn2O7 layered perovskite. <i>Applied Physics A: Materials Science and Processing</i> , 2021 , 127, 1	2	
317	Structural and Magnetic Characterizations of Ruddlesden Popper Family (Ca2-xNdxMnO4) Compound Synthesized by Ceramic Route. 2021 , 203, 143-157	2	
316	Perovskite Oxide-Halide Solid Solutions: A Platform for Electrocatalysts. 2021 , 60, 9953-9958	7	
315	Is fighting against pollutants possible with critical raw material free perovskites?. 2021,		
314	Magnetic, opto-electronic, and thermodynamic properties of half-metallic double perovskite oxide, Ba2YbTaO6: a density functional theory study. <i>Journal of Materials Science: Materials in Electronics</i> , 2.1 2021 , 32, 12951-12965	1	
313	A comparative study of the physical properties of Pr0.63La0.37\(\mathbb{B}\)SrxMnO3 (xSr = 0.00\(\mathbb{D}\).30) characterized by \(\mathbb{B}\)hape dc magnetizations. 2021 , 11, 045214	0	
312	Effect of milling on structure and magnetism of nanocrystalline La0.7-Bi Sr0.3MnO3 ($x = 0.35, 0.40$) manganites. 2021 , 606, 412792	2	

311	3D-Heisenberg ferromagnetic characteristics in a La($\{0.67\}$)Ba($\{0.33\}$)MnO($\{3\}$) film on SrTiO($\{3\}$). 2021 , 94, 1		O
310	Electronic, Magnetic Properties and Magnetocaloric Effect of La2SrMn2O7 Bilayer Manganite: An Ab Initio calculations and Monte Carlo Study. 2021 , 203, 419-429		
309	Phases competition in half-doped La0.5-xDyxCa0.5-ySryMnO3 films. 2021 , 11, 045029		
308	Thickness dependent electrical resistivity modulation in tensile-strained epitaxial thin films of calcium manganese oxide. 2021 , 11, 045124		
307	Colossal magnetoresistance via avoiding fully polarized magnetization in the ferrimagnetic insulator Mn3Si2Te6. <i>Physical Review B</i> , 2021 , 103,	3.3	2
306	Direct Observation and Control of Surface Termination in Perovskite Oxide Heterostructures. 2021 , 21, 4160-4166		3
305	Negative thermal expansion property of Sm1⊠CuxMnO3Ū 2021 , 12, 2267-2272		1
304	Real-space imaging of magnetic phase transformation in single crystalline Sm-Ca-Sr based manganite compound. 2021 , 33,		
303	Crystalline, ferromagnetic-semiconductor and electronic features of the terbium-based cobalt-ferrite Tb2FeCoO6. 2021 , 47, 14408-14417		4
302	Improved Magnetoresistance in Sm0.7-xCexSr0.3MnO3 Manganites Prepared by a Sol G el Route. 2021 , 204, 48-56		1
301	Investigation of magneto-transport properties of the co-doped La1.6-xPrxCa1.4-xBaxMn2O7 (x = 0.2 and 0.4) double-layered manganite. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 18808-18824	2.1	1
300	Experimental observation of weak antiferromagnetic correlation between blocked spins in the nanocrystalline La0.45Ca0.55MnO3 compound at low temperature. <i>Journal of Magnetism and Magnetic Materials</i> , 2021 , 528, 167804	2.8	
299	Electronic phase separation: Recent progress in the old problem. 2021, 916, 1-105		6
298	Large Low-Field Magnetoresistance (LFMR) Effect in Free-Standing LaSrMnO Films. 2021 , 13, 28442-284	150	1
297	Mott breakdown effect in spinel MgTi1.2V0.8O4. <i>Physical Review B</i> , 2021 , 103,	3.3	
296	Electronic structure of Tb0.5Sr0.5MnO3. <i>Physical Review B</i> , 2021 , 103,	3.3	
295	Electric, magnetic and microstructural features of the La2CoFeO6 lanthanide ferrocobaltite obtained by the modified Pechini route. 2021 , 11, 2140003		2
294	Two conductive mechanisms in LaMnO3 thin film: Adiabatic and nonadiabatic small polaronic hopping. 2021 , 35, 2150310		

293	Impact of Pb doping on structural and magnetic properties of Nd1-xPbxMnO3 (x = 0.1, 0.2, 0.3 & 0.4) compounds. 2021 , 298, 122150	
292	Spin-polarized tunneling and polaronic transport properties of polycrystalline (SmGd)SrMnO(= 0.5 and 0.7) compounds. 2021 , 33,	
291	Raman imaging of ferroelastically configurable Jahn Teller domains in LaMnO3. <i>Npj Quantum Materials</i> , 2021 , 6,	3
2 90	Layered Double Perovskites. 2021 , 51, 351-380	7
289	The electronic, magnetic and optical properties of Ba2MUO6 compounds with $(M = Ni, Co, Cd and Zn)$: DFT calculation. 2021 , 53, 1	0
288	Magnetism in quasi-two-dimensional tri-layer LaSrMnO manganite. 2021 , 11, 14117	1
287	TCR and MR room-temperature enhancing mechanism of La0.7K0.3Br MnO3 ceramics for uncooling infrared bolometers and magnetic sensor devices. 2021 , 47, 18931-18941	4
286	Large linear non-saturating magnetoresistance and high mobility in ferromagnetic MnBi. 2021, 12, 4576	4
285	Family of anisotropic spin glasses Ba1⊠La1+xMnO4+□ 2021 , 5,	O
284	La1IIa MnO3:Ag0.2 (0.25 k ID.31) ceramics with high temperature coefficient of resistivity under magnetic field. 2021 , 47, 19659-19667	4
283	Structural, magnetic and Missbauer studies of Nd 0.6Sr0.4Fe Mn1-O3 perovskites. <i>Materials Chemistry and Physics</i> , 2021 , 267, 124619	2
282	Pico Molar Sensing of Dopamine in Presence of Serotonin Using BaMnO3/Carbon Nanostructures. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 077513	1
281	Electric field control of magnetism. 2021 , 477, 20200942	7
280	Role of short-range magnetic interaction between core and surface spins in exchange bias and memory effect in nanocrystalline doped manganite. <i>Journal of Alloys and Compounds</i> , 2021 , 870, 159465 ^{5.7}	O
279	A study on magnetic and spin polarized electric transport properties of cation doped LaCaMnO3perovskite ceramic system. 2021 , 1166, 012005	
278	Electrical and magnetic properties of epitaxial La1NAgxMnO3 thin films prepared by a facile chemical solution deposition. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 22362-2237 ^{2.1}	
277	Strain-Induced Magnetic Transitions in SrMO (M = Mn, Fe) Thin Films with Ordered Oxygen Vacancies. <i>Inorganic Chemistry</i> , 2021 , 60, 13161-13167	
276	High room-temperature TCR of La0.7(K0.25Sr0.05)MnO3:xAg2O composites obtained at optimized Ag2O ratio. <i>Journal of Alloys and Compounds</i> , 2021 , 873, 159762	2

275	Oxide and OrganicIhorganic Halide Perovskites with Plasmonics for Optoelectronic and Energy Applications: A Contributive Review. 2021 , 11, 1057		4
274	Rare earth doping in perovskite luminescent nanocrystals and photoelectric devices.		1
273	Strain-Driven Dzyaloshinskii-Moriya Interaction for Room-Temperature Magnetic Skyrmions. 2021 , 127, 117204		7
272	Oxidic 2D Materials. <i>Materials</i> , 2021 , 14,	3.5	
271	Coexistence of large positive and negative magnetoresistance in Cr2Si2Te6 ferromagnetic semiconductor. 1		2
27 0	Enhanced temperature coefficient of resistance and magnetoresistance of Co-doped La0.67Ca0.33MnO3 polycrystalline ceramics. 2021 , 48, 407-407		O
269	Dynamics of charge carriers in doped manganite based on conductivity measurements and theoretical models. 2021 , 616, 413129		1
268	A review of molecular-beam epitaxy of wide bandgap complex oxide semiconductors. 1		4
267	On the complexity of spinels: Magnetic, electronic, and polar ground states. 2021 , 926, 1-86		12
266	Study of magnetic and magnetotransport properties in polycrystalline PrA?SrMnO (A? ? Y, La) compounds: Observation of enhanced electronBlectron interaction. <i>Journal of Magnetism and Magnetic Materials</i> , 2021 , 533, 167996	2.8	
265	Effect of Ni-doping on the structural, magnetic, and electronic properties of La0.2Sr0.8MnO3 perovskite. <i>Journal of Materials Science: Materials in Electronics</i> , 1	2.1	0
264	Impact of K doping on room-temperature temperature coefficient of resistivity of La0.7(Ag0.3-K)MnO3 (0.160 k (0.180) polycrystalline ceramics. 2021 , 47, 24721-24731		1
263	Using spin coating method to prepare near room-temperature TCR of La0.7Ca0.205Sr0.095MnO3 films for uncooled infrared bolometers. <i>Journal of Alloys and Compounds</i> , 2021 , 876, 160173	5.7	2
262	Interplay between polarization, strain, and defect pairs in Fe-doped SrMnO3E2021, 3,		1
261	Critical scaling and magnetic phase diagram of bi-skyrmion host quasi-two-dimensional La1.37Sr1.63Mn2O7 bi-layer manganite. <i>Journal of Magnetism and Magnetic Materials</i> , 2021 , 535, 16802	2 3 .8	1
2 60	Colossal magnetoresistive polycrystalline La0.61Sm0.06Ca0.33MnO3 with large and unperturbed temperature coefficient of resistivity under a magnetic field. 2021 , 47, 30671-30676		О
259	Effect of A-site ordering on IR absorption and magnetotransmission in PrBaMn2O6 double manganite. <i>Journal of Magnetism and Magnetic Materials</i> , 2021 , 538, 168247	2.8	1
258	Effect of Bi-doping on structural, magneto-caloric and magneto-resistive properties of La0.67-xBixCa0.33MnO3 perovskites. 2021 , 340, 114504		1

(2021-2021)

257	Correlating X-ray absorption spectra and ultraviolet photoelectron spectra to understand magnetic and transport properties of charge-ordered perovskite manganites. <i>Applied Surface Science</i> , 2021 , 569, 151131	6.7	0
256	Schottky-like anomaly in the heat capacity and magnetocaloric effect of charge-ordered single-crystalline (Sm, Ca, Sr)MnO3 compound. <i>Journal of Magnetism and Magnetic Materials</i> , 2021 , 540, 168447	2.8	O
255	Multifunctional characterization of Ca-modified new double perovskite for energy harvesting devices. 2022 , 624, 413373		2
254	Large temperature coefficient of resistivity (TCR) of La1-xCaxMnO3 films prepared by spin-coating method. <i>Journal of Alloys and Compounds</i> , 2022 , 890, 161788	5.7	O
253	The rich physics of A-site-ordered quadruple perovskite manganites AMnO. 2021 , 50, 15458-15472		2
252	Single-crystalline epitaxial TiO film: A metal and superconductor, similar to Ti metal. 2021, 7,		2
251	Graphene/Strontium Titanate: Approaching Single Crystalllike Charge Transport in Polycrystalline Oxide Perovskite Nanocomposites through Grain Boundary Engineering. 2020 , 30, 1910079		12
250	Colossal Magnetoresistive Oxides in High Magnetic Fields. 2002 , 361-376		3
249	Electron Spins in Ionic Molecular Structures. 2003 , 1-130		2
248	Quantum Percolation in Disordered Structures. 2009 , 1-28		5
247	Polarons and Bipolarons in JahnTeller Crystals. 2009 , 841-871		2
246	Introduction to Electronic States in Oxides and an Overview of Transport Properties. 2000 , 5-55		1
245	Magnetostriction in Mixed Valent Magnetic Oxides. 2001 , 171-204		2
244	Mixed Valent Copper and Manganese Oxides: High Tc Superconductors and Colossal Magneto Resistance (CMR) Materials. 1997 , 239-283		2
243	Theory of Manganites Exhibiting Colossal Magnetoresistance. 2004 , 417-441		2
242	Multi-Scale Phase Modulations in Colossal Magnetoresistance Manganites. 2004 , 131-205		2
241	MAGNETOTRANSPORT PROPERTIES OF ULTRATHIN METALLIC MULTILAYERS: MICROSTRUCTURAL MODIFICATIONS LEADING TO SENSOR APPLICATIONS. 2001 , 65-130		2
240	Deterministic Influence of Substrate-Induced Oxygen Vacancy Diffusion on Bi2WO6 Thin Film Growth. 2021 , 21, 625-630		2

239	Epitaxial La0.67Sr0.33MnO3 magnetic tunnel junctions. <i>Journal of Applied Physics</i> , 1997 , 81, 5509-5511 2.5	45
238	Predictions of new ABO3 perovskite compounds by combining machine learning and density functional theory. 2018 , 2,	88
237	Theory of field-modulated spin valley orbital pseudospin physics. 2020 , 2,	2
236	Local polarization in oxygen-deficient LaMnO3 induced by charge localization in the Jahn-Teller distorted structure. 2020 , 2,	2
235	Phase Separation and Microwave Response of Epitaxial and Polycrystalline Manganite Films. 2004 , 105, 141-147	2
234	Electroresistance of Electrically Nonhomogeneous La0.67Ca0.33MnO3/MgO Thin Films. 2007, 111, 141-146	2
233	Manganites - Structural Aspects. 2010 , 118, 303-306	4
232	Active photonic platforms for the mid-infrared to the THz regime using spintronic structures. 2020 , 9, 2709-2729	5
231	Electron Spin Resonance in Ceramic Samples of Lanthanum B ismuth Manganite La\$_{0.925}\$Bi\$_{0.075}\$MnO\$_{3}\$. 2016 , 37, 1503-1516	3
230	Novel sol-gel processing for polycrystalline and epitaxial thin films of La0.67Ca0.33MnO3 with colossal magnetoresistance. 1998 , 13, 3234-3240	10
229	Influence of Mn site doping on electrical resistivity of polycrystalline La1-yAyMn1-xBxO3 (A=Ba, Sr; B=Cu, Cr, Co) Manganites. 2008 , 40, 55-61	2
228	Phase transitions: an alternative for stress accommodation in CMR manganate films. 2004 , 95, 244-246	1
227	Inhomogeneous charge distributions and phase separation in manganites. 2001 , 171, 577	107
226	Soft X-ray Magnetic Circular Dichroism in La1-xSrxMnO3 and SrFe1-xCoxO3. 1999 , 23, 341-345	3
225	Strain Related Effects on the Structure and Magnetic and Magneto-Optical Properties of Epitaxial MnxPt1-xThin Films. 1999 , 23, S1_27-30	2
224	Room-Temperature Extra-huge Magnetoresistance Effect in MnSb Granular Films 2000 , 24, 451-454	5
223	Magneto-electric Behaviors of La0.67-xNdxSr0.33MnO3 System. 2008, 23, 271-276	2
222	Sintering behavior and characterization of Ln0.7Ca0.3MnO3(Ln=Nd, Sm, La). 2006, 16, 44-49	1

221	Magnetic and Electrical Properties of Ln0.7Ca0.3MnO3(Ln = Nd, Sm, La). 2007, 17, 203-206	2
220	Electrical Transport Properties and Magnetoresistance of (1-x)La0.7Sr0.3MnO3/xZnFe2O4Composites. 2010 , 20, 137-141	5
219	Nanostructured Materials and Nanotechnology : Overview. 2003 , 40, 1027-1046	5
218	Enhanced Low-field Magnetoresistance of La0.7Sr0.3Mn1+dO3-Mn3O4Composite Films Prepared by ex-situ Solid Phase Crystallization. 2012 , 17, 265-270	2
217	Magneto-transport Properties of La0.7Sr0.3Mn1+dO3-Manganese Oxide Composites Prepared by Liquid Phase Sintering. 2014 , 19, 221-226	1
216	Metal-Insulator Transition Induced by Short Range Magnetic Ordering in Mono-layered Manganite. 2003 , 24, 573-578	2
215	Rectifying behavior and photovoltaic effect in La0.88 Te0.12 MnO3/Si heterostructure. 2011 , 60, 067303	2
214	Transport and Magnetic Properties in the Gd1-xCaxVO3System. 2011 , 50, 101102	1
213	Theoretical Study of Magnetic Phase Transition In La2/3M1/3MnO3 (M=Ca, Sr) Membranes Through Strain and Doping.	
212	Magnetic Anisotropy Induced by Orbital Occupation States in La0.67Sr0.33MnO3 Films. 2021 , 38, 087502	2
211	Large Linear Magnetoresistance of High-Mobility 2D Electron System at Nonisostructural EAl2O3/SrTiO3 Heterointerfaces. 2021 , 8, 2101235	3
210	Effect of octahedral cation on electronic, magnetic and optic properties of $CoX2O4$ (X = Cr , Mn and Fe) spinel compound. 1-23	
209	Epitaxial ferroelectric interfacial devices. 2021 , 8, 041308	3
208	New Advanced Materials of La1. 2(Sr1. 8-xCax)Mn2O7 with Colossal Magnetoresistance. 2000 , 49-56	
207	Preparation and Properties of La1-xAxMnO3 (A = Ca, Sr) Single Crystals. 2000 , 455-460	
206	Ultrafast THz conductivity dynamics in colossal magnetoresistance manganites. 2000,	
205	Creation of Novel Functional Magnetic Oxide Artificial Lattices in a Strongly Correlated Electron System 2000 , 24, 459-462	
204	Ferromagnetism vs. Charge/Orbital Ordering in Mixed-Valent Manganites. 2000 , 253-296	

Direct Electronic Structure Measurements of the Colossal Magnetoresistive Oxides. 2000, 163-200 203 Theory of Manganites: the Key Role of Phase Segregation. 2001, 217-226 202 Enhanced Magnetoresistance of La1-xSrxMnO3 Thin Films by Reaction with Substrates.. 2001, 25, 727-730 201 Colossal Magnetoresistance in Screen Printed Manganite Films. 2002, 252-277 200 Metal-Insulator Transition in Magnetic Diluted Manganite La0.7Pb0.3(Mn,Zn)O3.. 2002, 26, 368-371 199 Phase Stability, Structural and Magnetic Properties of Some CMR Manganites. 2002, 228-251 198 Density-Matrix Algorithm for Phonon Hilbert Space Reduction in the Numerical Diagonalization of 197 Quantum Many-Body Systems. 2002, 131-144 Theory of Manganites. **2002**, 133-157 196 Smart Perovskites. 195 1 Colossal Magnetoresistive Materials. 194 Small-scale phase separation and electron transport in manganites. 2003, 173, 877 193 1 Colossal Magnetoresistance and Charge-ordering in Rare Earth Manganites. 297-324 192 Exact Diagonalization Study of Spin, Orbital, and Lattice Correlations in CMR Manganites. 2003, 157-167 191 Magnetotransport (Experimental). 2003, 219-312 Collapse of Charge Ordering in Ru-doped Mono-layered Manganites. 2003, 8, 85-88 189 188 Mapping of Physical Properties. 2003, The Electronic Structure, Fermi Surface and Pseudogap in Manganites. 2004, 93-129 187 Ultrafast mid-infrared dynamics in the colossal magnetoresistance pyrochlore Tl2Mn2O7. 2004, 186

185	Charge and Orbital Ordering of Manganites Observed by Resonant X-Ray Scattering. 2004, 383-416	1
184	Ferromagnetic Resonance Studies of La0.67Ca0.33MnO3Film under Stress. 2004 , 105, 133-139	
183	Perturbative Calculation of the Spin-Wave Dispersion in a Disordered Double-Exchange Model. 2004 , 73, 2646-2649	1
182	Ultrafast Mid-Infrared Dynamics in the Colossal Magnetoresistance Pyrochlore Tl2Mn2O7. 2005 , 313-315	
181	Magnetic and CMR Properties of Sulphospinel ZnxFe1-xCr2S4. 2005 , 15, 137-141	
180	Temperature dependent Mßsbauer and neutron diffraction studies of CuxFe1⊠Cr2S4 compounds. 2006 , 1285-1290	
179	The Effect of Non Magnetic ion Substitution for the FeCr2-xMxS4(M=Ga, In) by Mossbauer Spectroscopy. 2006 , 16, 6-10	
178	Jahn-Teller Effect and Berry's Phase. 2006 , 16, 264-269	
177	Magnetorresistĥcia colossal em La5/8-yPr yCa3/8MnO3. 2007 , 53, 279-283	
176	Low-Temperature Small Polaron Hopping Conduction in Bilayer La1.4(Sr0.2Ca1.4)Mn2O7Ceramics. 2008 , 18, 26-31	2
175	Field Induced Spin Transport Properties in Pr2/3Sr1/3MnO3 Film. 2008, 23, 281-285	
174	Magneto-electric Behaviors of La0.67-xNdxSr0.33MnO3 System. 2008 , 23, 271-276	
173	Change of the Magnetic Moment and Specific Heat of La0.9Ca0.1MnO3 after Heat Treatment in Oxygen and Argon. 2009 , 24, 83-86	
172	Anclaje de paredes de dominio de interfaces ferromagneto/antiferromagneto en la manganita Pr0.5Sr0.5-xCaxMnO3 con separacifi de fases. 2009 , 1,	
171	Low Oxygen Pressure Growth and its Effects on Physical Properties of La0.7Ca0.3MnO3Thin Films and Characteristics of P-N Junction in Heterostructure. 2009 , 19, 94-99	
170	Mechanism of magnetoresistance impacted by Co doped in La0.8Sr0.2MnO3 ferromagnetic metallic. 2010 , 59, 2801	1
169	Effects of V substitution for Mn on charge ordering and spin-glass state in La0.45Ca0.55MnO3 sample. 2010 , 59, 8883	1
168	Electric Pulse Induced Resistive Switching of La1-xCaxMnO3 at High Magnetic Field and Low Temperature. 2010 , 25, 961-965	

167	Preparation and electrical transport properties of Fe doped Ca1-xFexMnO3(x=00.12) oxide. 2011 , 60, 087205	1
166	p-type transparent conductive BaSnO3: A first-principles calculations. 2011 , 60, 107105	3
165	Study of Local Magnetism by Transmission Electron Microscopy. 2011 , 54, 256-263	
164	The investigation of electromagnetic processes in electromagnetic launchers using colossal magnetoresistance sensors. 2011 ,	3
163	Study of La0.67Ca0.33MnO3(001) thin film surfacestructure using scanning tunneling microscopy. 2011 , 60, 046801	О
162	Growth of La0.35Pr0.35Ca0.3MnO3/LaAlO3Thin Film using Laser Molecular-Beam Epitaxy and its Magnetic Properties. 2011 , 21, 93-98	
161	The Optical Properties of Metals. 2011 , 79-108	
160	High-Resolution Visualizing Techniques: Magnetic Aspects. 2012 , 151-176	1
159	Magnetic Nanoparticles in Immunoassays. 2012 , 243-276	
158	Prediction of the magneto-resistivity of manganese oxides La0.67Ca0.33MnO3 and Pr0.7Sr0.3MnO3 via temperature and magnetic field. 2013 , 62, 017601	
157	Nanoscale Phase Separation in Complex Magnetic Oxides. 2013 , 463-511	
156	AC properties of Pr0.7Ca0.3MnO3 ceramics. 2013 , 62, 026201	
155	Conducting Oxide Thin Films. 2013 , 621-654	1
154	MBsbauer Studies on Magnetoresistance in Chalcogenide Fe0.9M0.1Cr2S4(M=Co, Ni, Zn). 2013 , 23, 43-48	
153	Enhanced TCR with Room Temperature TMI for Potential Application in Microbolometer. 2014 , 499-501	
152	Investigation of Impedance and Giant Magnetoimpedance for La-Ba-Mn-O Ceramic Oxide. 2014 , 03, 7-12	
151	High Resolution Imaging Techniques for Understanding of Mesoscopic Phenomena. 2014 , 109-135	
150	Metal-insulator transition and giant magnetoresistance in La1⊠MnO3⊞hin films and superlattices. 1996 , 244-246	

TEM characterization of CMR thin film on [001] SrTiO3 substrate. 1996, 54, 630-631 149 148 Intermediate Valence Model for Tl2Mn2O7. 1998, 27-34 Perovskite Oxides: A Rich and Fascinating Crystal Class Family. 1998, 63-73 147 Superconducting and Normal State Properties of the YBa2Cu3O7/Nd0.67 Sr0.33 MnO3 146 Heterostructures. 1998, 1045-1048 Strain and Magnetoresistance Anisotropy of PR0.7SR0.3MNO3 Ultrathin Films. 1999, 133-144 145 Magnetoresistance at Interfaces in Submicrometric Manganese Perovskites Ceramics. 1999, 105-118 144 Theory of Anomalous X-ray Scattering in a Variety of Orbital Ordered Manganites. 1999, 84-94 143 Linear Spin Wave Analysis for General Magnetic Orders in the Double-Exchange Model. 2014, 142 \circ Novel properties of 5d transition metal oxides. 2015, 64, 187201 141 1 Growth of Spinel CoMn2O4 Thin Films and Post-growth Annealing Effects on Their Physical 140 Properties. 2015, 25, 144-148 Elastic Properties of Colossal Magnetoresistive Manganites R0.67Sr0.33MnO3(R = Pr, Nd, Gd). 2016 139 , 129, 113-116 Effect of Substrate-Induced Stresses on the Electrical and Magnetic Properties of Ultrathin 138 La\$_{0.6}\$Sr\$_{0.2}\$Mn\$_{1.2}\$O\$_{3}\$/LaAlO\$_{3}\$ Films. **2016**, 36, 63-76 Effects of Annealing on the Surface Morphology, Electrical and Magnetic Properties of 137 La0.8Ba0.2MnO3 Thin Films. 2017, 07, 111-117 Characterization of Epitaxial LSMO Films Grown on STO Substrates. 2017, 131, 848-850 136 How Can We Control the Element-Blocks In Transition Metal Oxide Crystals?. 2019, 253-271 135 Study on the Properties of La0.7Sr0.3MnO3 Nanostructures Induced by Reconstruction of Sapphire 134 surface. 2020, 10, 131-138 Structural, Magnetic, and Magneto-Caloric Properties of Cu-Substituted Nd0.67Ba0.33MnO3 0.8 7 133 Manganites. Physics of the Solid State, 2020, 62, 902-911 Fe+3- Mn+4 and Ti+4- Mn+3 interactions effect on the structural, electronic, magnetic and 132 magnetoelectronic properties of perovskite manganites. 2021, 48, 4074-4074

131	Electronic and magnetic properties of the Jahn-Teller active fluoride NaCrF3 from first-principles calculations. <i>Physical Review B</i> , 2020 , 102,	О
130	Effects of magnetic dilution in the ferrimagnetic columnar ordered Sm2MnMnMn4\(\mathbb{M}\)TixO12 perovskites. <i>Physical Review B</i> , 2020 , 102,	2
129	Partial contributions to the valence band of MO2, RuO2, and Rh2O3: Cooper minimum and extended cluster model calculations. 2020 , 132, 47004	
128	Introduction to Perovskites: A Historical Perspective. 2020 , 1-41	O
127	Estimation of crystallite size and strain of electron beam irradiated samples of Nd0.5Sr0.5MnO3 manganites through XRD analysis. 2020 ,	
126	Room-Temperature Multiferroicity and Magnetization Dynamics in Fe/BTO/LSMO Tunnel Junction. 2100574	O
125	Physical Properties, Complex Impedance, and Electrical Conductivity of Double Perovskite LaBa0.5Ag0.5FeMnO6. 1	2
124	Studies on structural, dielectric and optical properties of Cu/W double substituted calcium manganite for solar cells and thermistor applications. 1-20	3
123	5.1.6.14 References for 5.1.6. 194-199	
122	Scanning Tunneling Microscopy and Spectroscopy of Manganites. 2007 , 534-558	
122	Scanning Tunneling Microscopy and Spectroscopy of Manganites. 2007, 534-558 Perovskites and Their New Role in Oxide Electronics. 2007, 29-34	
		1
121	Perovskites and Their New Role in Oxide Electronics. 2007 , 29-34 Plasma augmented structural and electrical properties of half doped neodymium strontium	1 2
121 120	Perovskites and Their New Role in Oxide Electronics. 2007, 29-34 Plasma augmented structural and electrical properties of half doped neodymium strontium manganites. 2020, 95, 115810 Self-assembled vertically aligned nanocomposite systems integrated on silicon substrate: Progress	
121 120 119	Plasma augmented structural and electrical properties of half doped neodymium strontium manganites. 2020, 95, 115810 Self-assembled vertically aligned nanocomposite systems integrated on silicon substrate: Progress and future perspectives. 2022, 40, 010802 Structural and electrical properties of double perovskite oxide LaPbFeTiO6 synthesized by a	2
121 120 119	Plasma augmented structural and electrical properties of half doped neodymium strontium manganites. 2020, 95, 115810 Self-assembled vertically aligned nanocomposite systems integrated on silicon substrate: Progress and future perspectives. 2022, 40, 010802 Structural and electrical properties of double perovskite oxide LaPbFeTiO6 synthesized by a soligel process. Applied Physics A: Materials Science and Processing, 2021, 127, 1 Superlinear dependence of the conductivity, double/single Jonscher variations and the contribution of various conduction mechanisms in transport properties of La0.5Ca0.2Ag0.3MnO3 5.7	2
121 120 119 118	Perovskites and Their New Role in Oxide Electronics. 2007, 29-34 Plasma augmented structural and electrical properties of half doped neodymium strontium manganites. 2020, 95, 115810 Self-assembled vertically aligned nanocomposite systems integrated on silicon substrate: Progress and future perspectives. 2022, 40, 010802 Structural and electrical properties of double perovskite oxide LaPbFeTiO6 synthesized by a soligel process. Applied Physics A: Materials Science and Processing, 2021, 127, 1 Superlinear dependence of the conductivity, double/single Jonscher variations and the contribution of various conduction mechanisms in transport properties of La0.5Ca0.2Ag0.3MnO3 manganite. Journal of Alloys and Compounds, 2021, 898, 162866 Synthesis and Experimental Study of Structure, Magnetotransport Properties and Temperature Coefficient of Resistance of \$\${text{La}}_{0.7} {text{Ca}}_{0.18} {text{Ba}}_{0.12} {text{Mn}}_{0.95}	2 2

113	Dicyanamide-perovskites at the edge of dense hybrid organicIhorganic materials. 2022, 455, 214337		2
112	CMOS Transistor-Based Memristor Emulator Circuit Design for High Frequency Applications. 2021 ,		1
111	Room-temperature magnetoresistive and magnetocaloric effect in La1\(\mathbb{B}\) BaxMnO3 compounds: Role of Griffiths phase with ferromagnetic metal cluster above Curie temperature. <i>Journal of Applied Physics</i> , 2022 , 131, 043901	2.5	3
110	John Goodenough and the Many Lives of Transition-Metal Oxides. <i>Journal of the Electrochemical Society</i> , 2022 , 169, 010535	3.9	1
109	A-site Ca/Sr co-doping to optimize room-temperature TCR of La0.7Ca0.3-Sr MnO3 films. 2022 ,		О
108	Raman spectroscopy of the Jahn T eller phonons in a magnetic LaMnO3 thin film grown on KTaO3. <i>Journal of Applied Physics</i> , 2022 , 131, 025302	2.5	Ο
107	The fourth fundamental circuit element: principle and applications.		
106	Orbital Order Melting at Reduced Dimensions 2022,		O
105	Oxygen vacancy induced structural and domain size-controlled magnetic behavior of La0.67Ca0.33MnO3 perovskite. <i>Journal of Materials Science: Materials in Electronics</i> , 2022 , 33, 6829	2.1	0
104	Multiple magnetic transitions and complex magnetic behaviour of the perovskite manganite NdMn7O12. 2022 , 309, 122969		
103	Thermodynamic stability and creation of large half-metallic gap in BaZrO3 via non-magnetic elements doping. 2022 , 164, 110616		О
102	BiFeO3 Layer Thicknesses Effect on Magnetocaloric Effect in BiFeO3 La0.7Sr0.3MnO3 Thin Films. <i>Physics of the Solid State</i> , 2021 , 63, 709	0.8	3
101	Magnetic and magnetocaloric effect study of a polycrystalline GdSrCaMnO compound 2022,		1
100	Effect of La-site substitution on the magnetoelectric transport properties of La0.7Ca0.3MnO3 polycrystalline ceramics. 2022 ,		
99	Sine-square deformed mean-field theory. 2022 , 4,		0
98	Crossover from intrinsic to extrinsic magneto transport in La1-xPbxMnO3 perovskite systems. 2022 , 1233, 012004		
97	Epitaxial (110)-oriented La0.7Sr0.3MnO3 film directly on flexible mica substrate. 2022 , 55, 224002		1
96	Impact of Sintering Temperature on the Electrical Properties of La0.9Sr0.1MnO3 Manganite. 2022 , 12, 340		1

95	Strain induced phase transition in La\$\$_{0.2}\$\$Sr\$\$_{0.8}\$\$MnO\$\$_{3}\$\$. <i>Applied Physics A: Materials Science and Processing</i> , 2022 , 128, 1	2.6	O
94	Effect of Fe substitution on temperature coefficient of resistance and magnetoresistance of La0.67Ca0.33MnO3 polycrystalline ceramics. 2022 , 48, 8169-8176		O
93	Prediction of structural, electronic, mechanical, thermal, and thermoelectric properties in PbMO3 (M = Sb, Bi) perovskite compounds: a DFT study. 2022 , 137, 1		0
92	Effect of Pr substitution in the A site on the structural, dielectric and magnetic properties of double perovskite La2NiMnO6. <i>Applied Physics A: Materials Science and Processing</i> , 2022 , 128, 1	2.6	O
91	Theoretical study of magnetic phase transition in La23M13. 2022 , 432, 128010		
90	Adjusting the K-doping of La1-K MnO3 (0.1 k lb.35) films to obtain high TCR and LFMR at room-temperature. <i>Applied Surface Science</i> , 2022 , 589, 152905	6.7	Ο
89	Tuning the magnetic anisotropy of La0.67Sr0.33MnO3 by CaTiO3 spacer layer on the platform of SrTiO3. <i>Journal of Magnetism and Magnetic Materials</i> , 2022 , 554, 169299	2.8	1
88	Effects of Bi3+ doping on the charge ordering and high-field phase diagram of La0.5-Bi Ca0.5MnO3. Journal of Magnetism and Magnetic Materials, 2022 , 554, 169321	2.8	
87	Colossal angular magnetoresistance in the antiferromagnetic semiconductor EuTe2. <i>Physical Review B</i> , 2021 , 104,	3.3	0
86	Materials ALnInO with Ruddlesden-Popper Structure for Electrochemical Applications: Relationship between Ion (Oxygen-Ion, Proton) Conductivity, Water Uptake, and Structural Changes <i>Materials</i> , 2021 , 15,	3.5	4
85	Effect of Nd doping on the electrical transport properties of La0.67Ca0.33MnO3 thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 1	2.1	
84	Investigation into La(Fe/Mn)O Perovskites Formation over Time during Molten Salt Synthesis <i>Inorganic Chemistry</i> , 2022 ,	5.1	Ο
83	Electronic Properties of Fully Strained La Sr MnO Thin Films Grown by Molecular Beam Epitaxy (0.15 III).45) ACS Omega, 2022, 7, 14571-14578	3.9	2
82	Strain engineering during epitaxial growth of oxides. 2022 , 159-197		
81	Anomalous Change in the Size of a Spin Polaron in the Paramagnetic Temperature Range in La1.2Sr1.8Mn2O7. <i>Physics of the Solid State</i> , 2022 , 64, 6-10	0.8	
80	Reversely trapping atoms from a perovskite surface for high-performance and durable fuel cell cathodes. <i>Nature Catalysis</i> , 2022 , 5, 300-310	36.5	14
79	Resistive switching phenomena: a probe for the tracing of secondary phase in manganite. <i>Applied Physics A: Materials Science and Processing</i> , 2022 , 128,	2.6	0
78	Grain-Size-Induced Collapse of Variable Range Hopping and Promotion of Ferromagnetism in Manganite La0.5Ca0.5MnO3. <i>Crystals</i> , 2022 , 12, 724	2.3	1

77	Effect of magnetic phase fluctuation on magnetic and magnetocaloric properties of polycrystalline (Nd0.5Sm0.5)0.5(Sr0.75Ba0.25)0.5 MnO3 compound. <i>Journal of Magnetism and Magnetic Materials</i> , 2022 , 557, 169473	2.8	
76	Oxygen vacancy induced high specific capacitance in Sr2CoSbO6. <i>Materials Science in Semiconductor Processing</i> , 2022 , 148, 106806	4.3	1
75	Influence of phase boundary on magnetic and magnetocaloric properties of nanocrystalline La0.17Ca0.83MnO3 sample. <i>Journal of Magnetism and Magnetic Materials</i> , 2022 , 557, 169481	2.8	
74	Science and Technology of Complex Correlated Oxides: The Legacy of John Goodenough. <i>Journal of the Electrochemical Society</i> ,	3.9	
73	Magnetic properties of oxides and silicon single crystals. <i>Chinese Physics B</i> ,	1.2	
72	SrV0.3Fe0.7O2.8: A Vacancy-Ordered Fe-Based Perovskite Exhibiting Room-Temperature Magnetoresistance. <i>Inorganic Chemistry</i> ,	5.1	
71	Crystal Structure, Magnetic Properties and Thermal Behavior of BaFe 11.9 In 0.1 O 19 Ferrite. <i>Physica Status Solidi (B): Basic Research</i> , 2100655	1.3	
70	Consecutive topological phase transitions and colossal magnetoresistance in a magnetic topological semimetal. <i>Npj Quantum Materials</i> , 2022 , 7,	5	O
69	Colossal piezoresistance in narrow-gap Eu5In2Sb6. <i>Physical Review B</i> , 2022 , 106,	3.3	O
68	Double-doping Effect on Structural and Magnetic Properties of Perovskite Lanthanum Manganite. <i>ECS Journal of Solid State Science and Technology</i> , 2022 , 11, 073002	2	
67	Observation of Griffith like phase and large magnetocaloric effect in nanocrystalline La0.7Ag0.2Bi0.1MnO3. <i>Journal of Applied Physics</i> , 2022 , 132, 023901	2.5	
66	Impact of the transition metal ion-doped on the electrical and magnetic properties of La0.67Ca0.33MnO3Ag0.15-based polycrystalline ceramics. <i>Advanced Powder Technology</i> , 2022 , 33, 1037	7 1 4 ⁶	
65	Thickness-dependent magnetic and transport properties of La0.7Sr0.3MnO3 thin films grown on Nd0.5Ca0.5MnO3/SrTiO3 epitaxial thin film. <i>Materials Chemistry and Physics</i> , 2022 , 289, 126498	4.4	
64	Construction of pyroelectrically-driven BiFeO3@CuBi2O4 nanofiber composite catalyst for enhanced pyrocatalytic activities under room-temperature cold and hot cycles. <i>Surfaces and Interfaces</i> , 2022 , 33, 102191	4.1	O
63	Robust magnetic-field effect on spin-reorientation in Eu3+-modified TmFeO3 single crystal. <i>Journal of Alloys and Compounds</i> , 2022 , 922, 166241	5.7	
62	Dynamic conductivity from audio to optical frequencies of semiconducting manganites approaching the metal-insulator transition *. 2006 , 518, 498-507		
61	Orbital Magnetic Properties and Half-Metallic Ferromagnetism Structures in (Srmno3) (Laalo3) 1.5 (001) Superlattices.		
60	Optical Properties of Alkalyne Earth Fluoride and CdF2 Crystals Activated by Chromium Ions. 2022 , 86, 802-805		

59 Oxygen nonstoichiometry and electrical transport properties of Pr1-Ca MnO3 ceramics. **2022**,

58	Reactive Pulsed Laser Deposition of Low Particulate Density and Epitaxial TiN films on Si (100) for Functional Oxide Integration. 2022 , 139456	O
57	Direct determination of Mn valence states in mixed-valent manganates by photoluminescence spectroscopy.	1
56	Significant Reduction of the Dead Layers by the Strain Release in La0.7Sr0.3MnO3 Heterostructures.	O
55	Electrical manipulation of magnetization in magnetic heterostructures with perpendicular anisotropy. 2022 , 562, 169753	
54	Spintronic Properties in Complex Perovskites: A Concordance Between Experiments and Ab-Initio Calculations. 2022 , 183-207	0
53	Magnetic Field Analysis. 2022 , 123-165	0
52	Photoelectron Diffraction and Holography Studies on Dopant Local Structures. 2022 , 91,	O
51	Ultrathin ferrite nanosheets for room-temperature two-dimensional magnetic semiconductors. 2022 , 13,	6
50	Structure and magnetoelectric properties of Gd-doped La0.7Ca0.3MnO3 polycrystalline ceramics. 2022 , 33, 22068-22076	o
49	Nd1-Sr MnO3 ($x = 0.3$): A perovskite manganite ceramic that exhibits PTC and NTC double properties. 2022 ,	0
48	Second-order phase transition of silicon from a band insulator to metal induced by strong magnetic fields.	o
47	FIRST-PRINCIPLES CALCULATIONS OF THE STRUCTURAL, ELECTRONIC AND ELASTIC PROPERTIES OF SrGeO3 AND SrZrO3 CUBIC PEROVSKITES 2021 , 6, 7-18	0
46	Regulating the pyrolysis process of cation intercalated MnO2 nanomaterials for electrocatalytic urea oxidation performance. 2022 , 12, 30605-30610	O
45	Chemical solution deposition of epitaxial La0.7Sr0.3MnO3 thin films by laser-assisted annealing.	0
44	Possible absence of a Jahn-Teller distortion critical thickness in geometrically designed LaMnO3 films. 2022 , 106,	O
43	Enhanced electrical/magneto-transport properties in La0.68Nd0.04Ca0.28MnO3/Agx composites under a low magnetic field.	0
42	Magnetic structure and spin fluctuations in the colossal magnetoresistance ferrimagnet Mn3Si2Te6. 2022 , 106,	O

(2023-2022)

41	Doping nanoarchitectonics through exchange of Ag+ with Na+ in La0.7Ca0.1Sr0.1X0.1MnO3 (X = Ag+ or Na+) manganite ceramics for enhancement and levelling tendency of magneto resistivity. 2022 , 128,	O
40	Irreversible metamagnetic behaviors and H-T phase diagram in phase separated La0.5Ca0.5Mn1-Al O3 2022 ,	O
39	Spectroscopic comprehension of Mott-Hubbard insulator to negative charge transfer metal transition in LaNixV1BO3 thin films. 2022 , 106,	О
38	High Entropy Approach to Engineer Strongly-Correlated Functionalities in Manganites. 2207436	O
37	Effect of the partial substitution of K on the structural, magnetic and magnetocaloric properties of brownmillerite oxides La1 \blacksquare KxSrMn2O5+ \blacksquare (0.1 \blacksquare k \blacksquare 0.3).	О
36	Study of structural, dielectric, and electrical properties of the LaBaFe1.2Mn0.8O6 double perovskite.	O
35	Exotic magnetic properties in Zintl phase BaVSe3: a theoretically supported experimental investigation. 2022 , 47, 97-108	O
34	Vitamin needed: Lanthanides in optoelectronic applications of metal halide perovskites. 2023 , 152, 100710	1
33	Combined first principles and Heisenberg model studies of ferrimagnetic Tri-transition quaternary perovskites CaCu3B2Re2O12 (B = Mn, Fe, Co, and Ni). 2023 , 174, 111162	О
32	Enhanced Electron Correlation and Significantly Suppressed Thermal Conductivity in Dirac Nodal-Line Metal Nanowires by Chemical Doping. 2204424	O
31	Effect of Mn doping and charge transfer on LaTi1⊠ Mn x O3. 2023 , 35, 055601	O
30	Magnetic Entropy Change and Lattice Potential Energy in Perovskite Manganites La0.6Pr0.1Ba0.3MnO3.	O
29	Recent Progress of Organic Semiconductor Materials in Spintronics.	Ο
28	Evaluation of Structural and Functional Properties of La0.6Sr0.4MnO3 Perovskite Prepared by the Fast Solution Combustion Approach. 2022 , 12, 1636	O
27	Temperature coefficient of resistance improvement in La0.67Ca0.33MnO3 polycrystalline ceramics with vanadium addition. 2022 ,	O
26	Structural, elastic, mechanical, and thermodynamic characteristic of NaReO3 and KReO3 perovskite oxides from first principles study. 2022 , 137,	1
25	Ferromagnetism in LaMnO3-LaFeO3-LaCoO3 mixed spin perovskite oxide solid solution. 2022,	O
24	Instability of the Crystal and Electronic Structures due to Hydrogenation Influenced the Magnetic Properties of a La _{2/3} Ca _{1/3} MnO ₃	O

23	Structural and electrical properties of gadolinium-substituted La0.6 \square GdxSr0.4MnO3 (x = 0 \square .3). 2023 , 138,	1
22	Hierarchically Engineered Manganite Thin Films with a Wide-Temperature-Range Colossal Magnetoresistance Response.	O
21	Thermodynamics evaluation of half-metallic ferromagnetism in N-doped XTiO3 (X = Ca, Sr, and Ba) systems: DFT calculations. 2023 , 34, 105321	Ο
20	Study of structural, dielectric, electrical, and optical properties of the Sr3CuTi4O12 ceramics.	Ο
19	Introduction to perovskites. 2023 , 3-29	О
18	In-plane magnetic anisotropy and magnetization reversal in phase-separated (La0.5Pr0.5)0.625Ca0.375. 2023 , 107,	O
17	Structural, magnetic and electrical transport properties of the sol-gel derived La1-xCaxMnO3 (ዐ፮፬.3) nanoparticles. 2023 , 301, 127651	О
16	A Fourier-transformed feature engineering design for predicting ternary perovskite properties by coupling a two-dimensional convolutional neural network with a support vector machine (Conv2D-SVM). 2023 , 10, 026301	O
15	Energy relaxation in (La0.6Pr0.4)0.7Ca0.3MnO3. 2023 , 107,	0
14	Determining surface-specific Hubbard-U corrections and identifying key adsorbates on nickel and cobalt oxide catalyst surfaces. 2023 , 25, 8903-8912	O
13	Magnetic and electrical properties of high-entropy rare-earth manganites. 2023, 32, 101026	0
12	Predicting Sulfur-Rich Oxysulfide Perovskites for Water-Splitting Applications Using Machine Learning. 2200694	O
11	Ferroelectric Ceramic-Polymer Nanocomposites for Applications in Dielectric Energy Storage Capacitors. 2023 , 463-498	0
10	Engineering of Advanced Materials for High Magnetic Field Sensing: A Review. 2023 , 23, 2939	O
9	Uncovering the path to low-field colossal magnetoresistance: A microscopic view of field driven percolative insulator-to-metal transition in manganites. 2023 , 122, 112402	О
8	Strain fields and critical phenomena in manganites I: spin-lattice Hamiltonians. 2023 , 2023, 033205	O
7	Atomic scale interfacial magnetism and origin of metal-insulator transition in (LaNiO\$\$_3\$\$)\$\$_n\$\$/(CaMnO\$\$_3\$\$)\$\$_m\$\$ superlattices: a first principles study. 2023 , 13,	Ο
6	A DFT study of electronic structure and optical properties of the pure, doped and co-doped CaZrO3 perovskite for photovoltaic applications.	Ο

CITATION REPORT

5	Metal Oxide-Supported Metal Catalysts for Electrocatalytic Oxygen Reduction Reaction: Characterization Methods, Modulation Strategies, and Recent Progress.	Ο
4	Effects of A -site ordering on the Mn local structure and polar phases of RBaMn2O6 (. 2023 , 107,	O
3	Pressure-induced transition from a Mott insulator to a ferromagnetic Weyl metal in La2O3Fe2Se2. 2023 , 14,	O
2	Topological phases in polar oxide nanostructures. 2023 , 95,	O
1	Tunable resistive nature of LaMnO3 / Nd0.7Sr0.3MnO3 interfaces: Role of swift heavy ion irradiation. 2023 ,	О