

Zdenek Jirak

List of Publications by Year in Descending Order

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

210
papers

5,099
citations

36
h-index

63
g-index

225
ext. papers

5,351
ext. citations

2.9
avg, IF

4.9
L-index

#	Paper	IF	Citations
210	Anomalous Nernst effect in the ceramic and thin film samples of La _{0.7} Sr _{0.3} CoO ₃ perovskite. <i>Physical Review Materials</i> , 2021 , 5,	3.2	2
209	The crystal and magnetic structure of nanostructured manganite La _{0.53} Sr _{0.47} MnO ₃ at high pressure. <i>Materials Chemistry and Physics</i> , 2021 , 262, 124310	4.4	2
208	Electronic and heat transport phenomena in the nanogranular thiospinel Fe ₃ S ₄ . <i>Physical Review B</i> , 2021 , 103,	3.3	1
207	Temperature and field dependences of transverse relaxivity of Co/Zn ferrite nanoparticles coated with silica: The role of magnetic properties and different regimes. <i>Materials Chemistry and Physics</i> , 2021 , 260, 124178	4.4	1
206	Structure and magnetic state of hydrothermally prepared Mn-Zn ferrite nanoparticles. <i>Journal of Alloys and Compounds</i> , 2021 , 888, 161471	5.7	3
205	Synthesis and broadband dielectric-infrared spectroscopy of La _{1-x} Sr _x MnO ₃ @BaTiO ₃ nanocomposite. <i>Materials Research Bulletin</i> , 2021 , 144, 111459	5.1	0
204	Neutron diffraction study of the crystal and magnetic structures of nanostructured Zn _{0.34} Fe _{2.53} O ₄ ferrite. <i>Journal of Nanoparticle Research</i> , 2020 , 22, 1	2.3	0
203	Broadband dielectric spectroscopy of LaSrMnO@TiO core-shell nanocomposites. <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 415701	1.8	
202	Rod-like particles of silica-coated maghemite: Synthesis via akaganeite, characterization and biological properties. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 476, 149-156	2.8	4
201	Tunneling magnetoresistance of hydrothermally sintered La _{1-x} Sr _x MnO ₃ -silica nanocomposites. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 479, 135-143	2.8	11
200	Pressure-induced spin state crossover in layered cobaltite LaSrCoO ₄ . <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 487, 165360	2.8	2
199	Mn-Zn ferrite nanoparticles coated with mesoporous silica as core material for heat-triggered release of therapeutic agents. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 475, 429-435	2.8	16
198	Design of 0B type nanocomposites using hydrothermal sintering. <i>Scripta Materialia</i> , 2018 , 148, 15-19	5.6	14
197	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
196	Transverse Relaxivity of Nanoparticle Contrast Agents for MRI: Different Magnetic Cores and Coatings. <i>IEEE Transactions on Magnetics</i> , 2018 , 54, 1-5	2	8
195	Tunneling magnetoresistance in nanogranular La _{1-x} Sr _x MnO ₃ (x~0.5). <i>AIP Advances</i> , 2017 , 7, 055818	1.5	2
194	Core-Shell Magnetic Structure of La _{1-x} Sr _x MnO _{3+δ} Nanocrystallites. <i>IEEE Transactions on Magnetics</i> , 2017 , 53, 1-5	2	2

193	Electrical resistivity anomaly, valence shift of Pr ion, and magnetic behavior in epitaxial (Pr _{1-y} Y _y) _{1-x} Ca _x CoO ₃ thin films under compressive strain. <i>Journal of Applied Physics</i> , 2017 , 121, 115104	2.5	3
192	Structure and transport properties of La _{1-x} Sr _x MnO ₃ granular ceramics. <i>Journal Physics D: Applied Physics</i> , 2017 , 50, 075001	3	11
191	Effect of Tb doping in mixed-valence manganites and cobaltites. <i>Journal of Physics Condensed Matter</i> , 2017 , 29, 405802	1.8	1
190	Magnetoconductivity of the La _{1-x} Sr _x MnO ₃ @TiO ₂ Nanocomposite. <i>IEEE Transactions on Magnetics</i> , 2017 , 53, 1-6	2	7
189	Mn ₂ N Ferrite Nanoparticles With Silica and Titania Coatings: Synthesis, Transverse Relaxivity, and Cytotoxicity. <i>IEEE Transactions on Magnetics</i> , 2017 , 53, 1-8	2	7
188	Titania-coated manganite nanoparticles: Synthesis of the shell, characterization and MRI properties. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 427, 245-250	2.8	6
187	Magnetic properties of rare-earth-doped LaSrMnO. <i>Journal of Physics Condensed Matter</i> , 2017 , 29, 0358038	2.8	6
186	Preparation of Mn-Zn ferrite nanoparticles and their silica-coated clusters: Magnetic properties and transverse relaxivity. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 427, 251-257	2.8	18
185	Charge transport in thin layer Na _x CoO ₂ (x ~ 0.63) studied by terahertz spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2016 , 28, 355601	1.8	2
184	Electrical resistivity anomaly in (Pr _{1-y} My) _{1-x} Ca _x CoO ₃ epitaxial films (M=Y, Gd) fabricated by pulsed laser deposition. <i>AIP Advances</i> , 2016 , 6, 025318	1.5	3
183	Effects of Tb(3+) dopants in the La _{1-x} Sr _x MnO ₃ bulk and nanoparticle ferromagnets. <i>Journal of Physics Condensed Matter</i> , 2016 , 28, 206001	1.8	2
182	Magnetism and transport properties of layered rare-earth cobaltates Ln _{0.3} CoO ₂ . <i>Journal of Applied Physics</i> , 2015 , 117, 17B706	2.5	4
181	High pressure effects on the crystal and magnetic structure of nanostructured manganites La _{0.63} Sr _{0.37} MnO ₃ and La _{0.72} Sr _{0.28} MnO ₃ . <i>Journal of Alloys and Compounds</i> , 2015 , 646, 998-1003	5.7	13
180	The magnetic and neutron diffraction studies of La _{1-x} Br _x MnO ₃ nanoparticles prepared via molten salt synthesis. <i>Journal of Solid State Chemistry</i> , 2015 , 221, 364-372	3.3	23
179	Spin-entropy contribution to thermopower in the [Ca ₂ CoO ₃] _{1-x} 0.62(CoO ₂) misfits. <i>Physical Review B</i> , 2015 , 92,	3.3	11
178	Structural study of layered cobaltate La _{x/3} CoO ₂ (x~1) at temperatures up to 800 K. <i>Journal of Solid State Chemistry</i> , 2015 , 229, 160-163	3.3	3
177	Clusters of Magnetic Nanoparticles as Contrast Agents for MRI: Effect of Aggregation on Transverse Relaxivity. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-4	2	9
176	Role of Surface on Magnetic Properties of La _{1-x} Sr _x MnO ₃ Nanocrystallites. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-4	2	8

175	The calculation of rare-earth levels in layered cobaltates $R_x/3CoO_2$ ($x \geq 1$). <i>Journal of Magnetism and Magnetic Materials</i> , 2015 , 381, 145-150	2.8	0
174	Fluorescent magnetic nanoparticles for cell labeling: flux synthesis of manganite particles and novel functionalization of silica shell. <i>Journal of Colloid and Interface Science</i> , 2015 , 447, 97-106	9.3	18
173	Magnetic $La_{1-x}Sr_xMnO_3$ nanoparticles as contrast agents for MRI: the parameters affecting 1H transverse relaxation. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1	2.3	12
172	The superspin glass transition in zinc ferrite nanoparticles. <i>Journal of Applied Physics</i> , 2015 , 117, 17C706	2.5	11
171	Magnetic properties of $La_{1-x}Sr_xMnO_3$ nanoparticles prepared in a molten salt. <i>Journal of Applied Physics</i> , 2014 , 115, 17B525	2.5	13
170	Non-collinear magnetic structures of $TbCoO_3$ and $DyCoO_3$. <i>Solid State Sciences</i> , 2014 , 28, 26-30	3.4	26
169	Magnetism of perovskite cobaltites with Kramers rare-earth ions. <i>Journal of Applied Physics</i> , 2014 , 115, 17E118	2.5	9
168	Structural properties and singular phase transitions of metallic $Pr_{0.5}Sr_{0.5}CoO_3$ cobaltite. <i>Inorganic Chemistry</i> , 2014 , 53, 12297-304	5.1	5
167	Effect of Ising-type Tb^{3+} ions on the low-temperature magnetism of La, Ca cobaltite. <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 116003	1.8	3
166	Suppression of the metal-insulator transition by magnetic field in $(Pr_{1-y}Yy)_{0.7}Ca_{0.3}CoO_3$ ($y = 0.0625$). <i>Journal of Applied Physics</i> , 2014 , 115, 233914	2.5	8
165	Terbium induced glassy magnetism in La,Ca-based cobaltites. <i>Journal of Applied Physics</i> , 2014 , 115, 17E103	1.0	1
164	Phase transition in $Pr_{0.5}Ca_{0.5}CoO_3$ and related cobaltites. <i>European Physical Journal B</i> , 2013 , 86, 1	1.2	23
163	Structural and magnetic phase transitions occurring in $Pr_{0.7}Sr_{0.3}MnO_3$ manganite at high pressures. <i>JETP Letters</i> , 2013 , 97, 540-545	1.2	6
162	Pressure-induced structural transformations, orbital order and antiferromagnetism in $La_{0.75}Ca_{0.25}MnO_3$. <i>European Physical Journal B</i> , 2013 , 86, 1	1.2	15
161	Crystal field and magnetism of Pr^{2+} and Nd^{2+} ions in orthorhombic perovskites. <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 446001	1.8	31
160	Simultaneous valence shift of Pr and Tb ions at the spin-state transition in $(Pr_{1-y}Tby)_{0.7}Ca_{0.3}CoO_3$. <i>Physical Review B</i> , 2013 , 87,	3.3	12
159	Spin-state crossover and low-temperature magnetic state in yttrium-doped $Pr_{0.7}Ca_{0.3}CoO_3$. <i>Physical Review B</i> , 2013 , 88,	3.3	15
158	Ground-state properties of the mixed-valence cobaltites $Nd_{0.7}Sr_{0.3}CoO_3$, $Nd_{0.7}Ca_{0.3}CoO_3$ and $Pr_{0.7}Ca_{0.3}CoO_3$. <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 216006	1.8	9

157	High pressure effect on the crystal and magnetic structure of Pr _{0.1} Sr _{0.9} MnO ₃ manganite. <i>Journal of Surface Investigation</i> , 2012 , 6, 817-820	0.5	1
156	A study of formation of iron nanoparticles in aluminium matrix with helium pores. <i>Journal of Physics: Conference Series</i> , 2012 , 351, 012013	0.3	1
155	Stabilization of the high-spin state of Co ³⁺ in LaCo _{1-x} Rh _x O ₃ . <i>Physical Review B</i> , 2012 , 85,	3.3	21
154	Glassy ferromagnetism and phase separation in Pr _{0.5} Ca _{0.5} CoO ₃ . <i>Journal of Applied Physics</i> , 2012 , 111, 07E110	2.5	11
153	Structure and properties of novel cobaltates Ln _{0.3} CoO ₂ (Ln = La, Pr, and Nd). <i>Journal of Applied Physics</i> , 2012 , 111, 07D707	2.5	11
152	Magnetic and magnetotransport properties of misfit cobaltate Ca ₃ Co _{3.93} O _{9+δ} . <i>Journal of Applied Physics</i> , 2012 , 111, 07D715	2.5	17
151	Valence Shift of Pr Ion from 3+ to 4+ in (Pr _{1-y} Y _y) _{0.7} Ca _{0.3} CoO ₃ Estimated by X-Ray Absorption Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 064709	1.5	26
150	Structural modulation in Bi ₂ Sr ₂ Ca _{0.4} Y _{0.6} Cu ₂ O _{8+δ} . <i>Journal of Physics: Conference Series</i> , 2012 , 340, 012055	5.3	0
149	Distribution of cations in nanosize and bulk Co-Zn ferrites. <i>Nanotechnology</i> , 2011 , 22, 345701	3.4	49
148	Thermally and field-driven spin-state transitions in (Pr _{1-y} Y _y) _{0.7} Ca _{0.3} CoO ₃ . <i>Journal of Applied Physics</i> , 2011 , 109, 07E127	2.5	12
147	Structure and Electric Transport in LaCo _{0.67} Cu _{0.33} O ₃ . <i>Journal of Superconductivity and Novel Magnetism</i> , 2011 , 24, 747-751	1.5	1
146	The magnetic and hyperthermia studies of bare and silica-coated La _{0.75} Sr _{0.25} MnO ₃ nanoparticles. <i>Journal of Nanoparticle Research</i> , 2011 , 13, 1237-1252	2.3	45
145	Structure and properties of a novel cobaltate La _{0.30} CoO ₂ . <i>Journal of Solid State Chemistry</i> , 2011 , 184, 2231-2237	3.3	14
144	Evolution of the phonon density of states of LaCoO ₃ over the spin state transition. <i>Physical Review B</i> , 2011 , 83,	3.3	5
143	Structural and magnetic phase transitions in Pr _{0.7} Ca _{0.3} MnO ₃ at high pressures. <i>JETP Letters</i> , 2010 , 92, 590-594	1.2	5
142	Ferromagnetism versus charge ordering in the Pr _{0.5} Ca _{0.5} MnO ₃ and La _{0.5} Ca _{0.5} MnO ₃ nanocrystals. <i>Physical Review B</i> , 2010 , 81,	3.3	106
141	Metal-insulator transition and the Pr ³⁺ /Pr ⁴⁺ valence shift in (Pr _{1-y} Y _y) _{0.7} Ca _{0.3} CoO ₃ . <i>Physical Review B</i> , 2010 , 82,	3.3	55
140	Structural and magnetic phase transitions in Pr _{0.15} Sr _{0.85} MnO ₃ at high pressure. <i>European Physical Journal B</i> , 2010 , 77, 407-411	1.2	9

139	Charge transfer, valence, and the metal-insulator transition in Pr _{0.5} Ca _{0.5} CoO ₃ . <i>Physical Review B</i> , 2010 , 81,	3.3	50
138	Static and dynamic behavior of the cluster phase in LaMn _{0.6} Co _{0.4} O ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 1392-1395	2.8	3
137	Transition from the diamagnetic insulator to ferromagnetic metal in. <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 1221-1223	2.8	13
136	Local surrounding of Mn in LaMn _{1-x} CoxO ₃ compounds by means of EXAFS on Mn ℓ . <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 1198-1200	2.8	2
135	Antiferromagnetic ordering in the double perovskites La _{2-x} SrxCoRuO ₆ . <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 1189-1191	2.8	7
134	Synthesis and magnetic properties of Co _{1-x} ZnxFe ₂ O ₄ + \square nanoparticles as materials for magnetic fluid hyperthermia. <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 2386-2389	2.8	35
133	Manganese Perovskite Nanoparticles and the Downturn of Inverse Susceptibility above the Curie Temperature. <i>Acta Physica Polonica A</i> , 2010 , 118, 792-793	0.6	8
132	Anomalous temperature dependence of the magnetization in La _{0.84} Sr _{0.16} MnO ₃ . <i>Journal of Applied Physics</i> , 2009 , 105, 07D716	2.5	
131	Magnetic ground state and the spin-state transitions in YBaCo ₂ O _{5.5} . <i>European Physical Journal B</i> , 2009 , 70, 327-334	1.2	14
130	Neutron diffraction and heat capacity studies of PrCoO ₃ and NdCoO ₃ . <i>Physical Review B</i> , 2009 , 79,	3.3	37
129	GGA+U calculations of correlated spin excitations in LaCoO ₃ . <i>Physical Review B</i> , 2009 , 79,	3.3	78
128	M ⁵⁵ n nuclear magnetic resonance study of highly Sr-doped La _{2-x} Sr _{1+2x} Mn ₂ O ₇ (x=0.5-0.8). <i>Physical Review B</i> , 2008 , 78,	3.3	4
127	Structural anomalies, spin transitions, and charge disproportionation in LnCoO ₃ . <i>Journal of Applied Physics</i> , 2008 , 103, 07B703	2.5	20
126	On the magnetic properties of Gd implanted GaN. <i>Journal of Applied Physics</i> , 2008 , 103, 07D107	2.5	28
125	Electrical resistivity and thermopower measurements of the hole- and electron-doped cobaltites LnCoO ₃ . <i>Physical Review B</i> , 2008 , 78,	3.3	60
124	NMR study of LaMn _{1-x} CoxO ₃ perovskites. <i>Journal of Magnetism and Magnetic Materials</i> , 2008 , 320, e12-e15	2.8	3
123	Valence and spin states in perovskites LaCo _{0.95} M _{0.05} O ₃ (M=Mg, Ga, Ti). <i>Journal of Magnetism and Magnetic Materials</i> , 2008 , 320, e92-e95	2.8	8
122	Magnetization Study of the AFM-FM Coexistence in the Manganite System Pr _{0.5} Ca _{0.5-x} SrxMnO ₃ . <i>Acta Physica Polonica A</i> , 2008 , 113, 143-146	0.6	2

121	The low-temperature phase separation in Pr _{0.5} Ca _{0.5} CoO ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 316, e728-e730	2.8	11
120	EXAFS study of LaMn _{1-x} Co _x O ₃ compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, e197-e199	2.8	4
119	Pressure-induced antiferromagnetism and compression anisotropy in Pr _{0.52} Sr _{0.48} MnO ₃ . <i>Physical Review B</i> , 2007 , 76,	3.3	10
118	Structural and Magnetic Transitions in CaMn _{1-x} W _x O ₃ . <i>Chemistry of Materials</i> , 2007 , 19, 4243-4251	9.6	29
117	Temperature- and pressure-driven spin-state transitions in LaCoO ₃ . <i>Physical Review B</i> , 2007 , 75,	3.3	99
116	Electron Spin Resonance and Neutron Diffraction Studies of Nd _{0.5-x} Pr _x Sr _{0.5} MnO ₃ (x = 0.125, 0.25). <i>Chemistry of Materials</i> , 2007 , 19, 5222-5229	9.6	7
115	Structural, magnetic, and transport properties of the single-layered perovskites La _{2-x} Sr _x CoO ₄ (x=1.0-1.4). <i>Physical Review B</i> , 2006 , 74,	3.3	48
114	Structure and physical properties of YCoO ₃ at temperatures up to 1000K. <i>Physical Review B</i> , 2006 , 73,	3.3	30
113	Character of the excited state of the Co ³⁺ ion in LaCoO ₃ . <i>Journal of Physics Condensed Matter</i> , 2006 , 18, 3285-3297	1.8	66
112	A ⁵⁵ Mn NMR study of the La _{0.75} Sr _{0.25} MnO ₃ nanoparticles. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006 , 3, 155-158		15
111	Thermoelectric properties of the Pr _{0.8} Na _{0.2} MnO ₃ manganite at ultrahigh pressures of up to 20 GPa. <i>Physics of the Solid State</i> , 2006 , 48, 1741-1745	0.8	1
110	X-ray absorption near-edge spectroscopy study of Mn and Co valence states in LaMn _{1-x} Co _x O ₃ (x=0-1). <i>Physical Review B</i> , 2006 , 73,	3.3	72
109	Electric transport and magnetic properties of perovskites LaMn _{1-x} Co _x O ₃ up to 900 K. <i>Journal of Physics Condensed Matter</i> , 2005 , 17, 1601-1616	1.8	46
108	Pr _{0.5} Ca _{0.5} Mn _{0.97} Ga _{0.03} O ₃ , a strongly strained system due to the coexistence of two orbital ordered phases at low temperature. <i>Journal of Solid State Chemistry</i> , 2005 , 178, 1652-1660	3.3	15
107	Structural anomalies associated with the electronic and spin transitions in LnCoO ₃ . <i>European Physical Journal B</i> , 2005 , 47, 213-220	1.2	116
106	Spin state of LaCoO ₃ : Dependence on CoO ₆ octahedra geometry. <i>Physical Review B</i> , 2005 , 71,	3.3	95
105	Suppression of the charge ordered state in Pr _{0.75} Na _{0.25} MnO ₃ at high pressure. <i>Journal of Physics Condensed Matter</i> , 2004 , 16, 5883-5895	1.8	26
104	Coexistence of ferromagnetism and antiferromagnetism in the La _{0.08} Ca _{1.92} MnO ₄ series. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 284, 172-180	2.8	3

103	Phase competition in $\text{Pr}_{0.8}\text{La}_{0.2}\text{Mn}_{1-x}\text{MeO}_3$. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E287-E288	2.8	
102	Phase segregation in the $\text{Pr}_{0.8}\text{La}_{0.2}\text{MnO}_3$ manganites ($y \approx 0.15$). <i>Physica B: Condensed Matter</i> , 2004 , 350, E5-E8	2.8	1
101	From A-type antiferromagnetism to ferromagnetism in half-doped perovskite manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 270, 194-202	2.8	9
100	Mn-site doped $\text{Y}_{1-x}\text{La}_x\text{MnO}_3$ ($x=0.3\text{--}0.4$) from spin glass to FM cluster formation. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 1323-1324	2.8	1
99	Magnetic susceptibility of a two phase manganite $\text{Pr}_{0.925}\text{Na}_{0.075}\text{MnO}_3$. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E1025-E1026	2.8	
98	The nanoscopic separation of magnetic phases in Cr-doped manganites $\text{Pr}_{0.44}\text{Sr}_{0.56}\text{MnO}_3$. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E1085-E1086	2.8	1
97	Magnetism, structure and transport of $\text{Y}_{1-x}\text{La}_x\text{CoO}_3$ and $\text{La}_{1-x}\text{Ba}_x\text{CoO}_3$. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E283-E284	2.8	13
96	Effect of Cr doping in charge ordered $\text{Y}_{1-x}\text{La}_x\text{MnO}_3$ ($x \sim 0.5$). <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E1029-E1030	2.8	3
95	Influence of the structure on electric and magnetic properties of $\text{La}_{0.8}\text{Na}_{0.2}\text{Mn}_{1-x}\text{Co}_x\text{O}_3$ perovskites. <i>Journal of Solid State Chemistry</i> , 2004 , 177, 4564-4568	3.3	7
94	High pressure effects on the crystal and magnetic structure of $\text{Pr}_{1-x}\text{Sr}_x\text{MnO}_3$ manganites ($x=0.5\text{--}0.56$). <i>Journal of Physics Condensed Matter</i> , 2004 , 16, 2381-2394	1.8	26
93	Structure, Magnetism, and Transport Properties of $\text{Pr}_{1-x}\text{Sr}_x\text{MnO}_3$ ($x = 0.45\text{--}0.75$) up to 1200 K. <i>Chemistry of Materials</i> , 2004 , 16, 1104-1110	9.6	34
92	Charge density wave in $\text{La}_{0.84}\text{Sr}_{0.16}\text{MnO}_3$ revealed by ^{55}Mn nuclear magnetic resonance. <i>Physical Review B</i> , 2003 , 67,	3.3	4
91	Structural study of $\text{Pr}_{0.8}\text{Na}_{0.2}\text{MnO}_3$ at high pressure. <i>Journal of Magnetism and Magnetic Materials</i> , 2003 , 267, 120-126	2.8	12
90	Influence of Co doping on properties of $\text{Pr}_{0.8}\text{Na}_{0.2}\text{Mn}_{(1-y)}\text{Co}_y\text{O}_3$ perovskites. <i>Journal of Solid State Chemistry</i> , 2003 , 174, 466-470	3.3	4
89	Neutron scattering evidence for magnetic-field-driven abrupt magnetic and structural transitions in a phase-separated manganite. <i>Physical Review B</i> , 2003 , 68,	3.3	43
88	$\text{Pr}_{0.5}\text{Sr}_{0.5-x}\text{Ba}_x\text{MnO}_3$: Size and Mismatch Effects on Structural and Magnetic Transitions. <i>Chemistry of Materials</i> , 2003 , 15, 1886-1896	9.6	15
87	Magnetoresistive behavior of Cr-doped manganites $\text{Pr}_{0.44}\text{Sr}_{0.56}\text{MnO}_3$. <i>Journal of Applied Physics</i> , 2003 , 93, 8083-8085	2.5	2
86	Ordering phenomena and transport properties of $\text{Bi}_{1/2}\text{Sr}_{1/2}\text{MnO}_3$ single crystals. <i>Journal of Applied Physics</i> , 2003 , 93, 7370-7372	2.5	32

85	Structure and magnetic order in $Y_{1-x}Ca_xMnO_3$ ($x = 0.3$ and 0.5). <i>Applied Physics A: Materials Science and Processing</i> , 2002 , 74, s673-s676	2.6	21
84	Charge and spin configurations in $Pr_{1-x}Ca_xMnO_3$ ($x=0.5$ – 0.75). <i>Applied Physics A: Materials Science and Processing</i> , 2002 , 74, s1755-s1757	2.6	16
83	Detailed study of the structural and magnetic transitions in $Pr_{1-x}Sr_xMnO_3$ single crystals ($0.48 \leq x \leq 0.57$). <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 246, 290-296	2.8	34
82	Structure and magnetism in the $Pr_{1-x}Na_xMnO_3$ perovskites ($0 \leq x \leq 0.2$). <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 250, 275-287	2.8	41
81	Irreversible Photoinduced Insulator-Metal Transition in Charge Ordered $Pr_{0.75}Na_{0.25}MnO_3$. <i>Phase Transitions</i> , 2002 , 75, 935-940	1.3	1
80	Magnetism and transport in $Pr_{1-x}Sr_xMnO_3$ single crystals (0.48). <i>Physical Review B</i> , 2002 , 66,	3.3	31
79	Spin glass properties of $Y_{0.7}Ca_{0.3}MnO_3$ and $Th_{0.35}Ba_{0.37}Ca_{0.28}MnO_3$. <i>Journal of Applied Physics</i> , 2002 , 91, 8260	2.5	10
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76	Ferromagnetic-antiferromagnetic transition in $Pr_{0.51}Sr_{0.49}MnO_3$ manganite. <i>Physical Review B</i> , 2002 , 65,	3.3	10
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72	Magnetic phase diagram of the charge ordered manganite $Pr_{0.8}Na_{0.2}MnO_3$. <i>Journal of Applied Physics</i> , 2001 , 89, 7413-7415	2.5	36
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