

Alberto Martinelli

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121
papers

1,659
citations

24
h-index

34
g-index

129
ext. papers

1,761
ext. citations

3.1
avg. IF

4.07
L-index

#	Paper	IF	Citations
121	From antiferromagnetism to superconductivity in $\text{Fe}_{1+y}\text{Te}_{1-x}\text{Se}_x$ ($0 \leq x \leq 0.20$): Neutron powder diffraction analysis. <i>Physical Review B</i> , 2010 , 81,	3.3	112
120	Cationic distribution and spin canting in CoFe_2O_4 nanoparticles. <i>Journal of Physics Condensed Matter</i> , 2011 , 23, 426004	1.8	89
119	Upper critical field and fluctuation conductivity in the critical regime of doped SmFeAsO . <i>Physical Review B</i> , 2009 , 79,	3.3	63
118	Isoelectronic Ru substitution at the iron site in $\text{SmFe}_{1-x}\text{Ru}_x\text{AsO}_{0.85}\text{F}_{0.15}$ and its effects on structural, superconducting, and normal-state properties. <i>Physical Review B</i> , 2010 , 81,	3.3	61
117	Synthesis, crystal structure, microstructure, transport and magnetic properties of SmFeAsO and $\text{SmFeAs}(\text{O}_{0.93}\text{F}_{0.07})$. <i>Superconductor Science and Technology</i> , 2008 , 21, 095017	3.1	58
116	Tuning of the superconducting properties of $\text{FeSe}_{0.5}\text{Te}_{0.5}$ thin films through the substrate effect. <i>Superconductor Science and Technology</i> , 2012 , 25, 084022	3.1	48
115	Transport and superconducting properties of Fe-based superconductors: a comparison between $\text{SmFeAsO}_{1-x}\text{F}_x$ and $\text{Fe}_{1+y}\text{Te}_{1-x}\text{Se}_x$. <i>Superconductor Science and Technology</i> , 2010 , 23, 054001	3.1	47
114	A new approach for improving global critical current density in $\text{Fe}(\text{Se}_{0.5}\text{Te}_{0.5})$ polycrystalline materials. <i>Superconductor Science and Technology</i> , 2012 , 25, 115018	3.1	45
113	Thermal properties of $\text{SmFeAsO}_{1-x}\text{F}_x$ as a probe of the interplay between electrons and phonons. <i>Physical Review B</i> , 2008 , 78,	3.3	44
112	Magnetotransport in $\text{La}(\text{Fe,Ru})\text{AsO}$ as a probe of band structure and mobility. <i>Physical Review B</i> , 2011 , 84,	3.3	37
111	Retention of the tetragonal to orthorhombic structural transition in F-substituted SmFeAsO : a new phase diagram for $\text{SmFeAs}(\text{O}(1-x)\text{F}(x))$. <i>Physical Review Letters</i> , 2011 , 106, 227001	7.4	37
110	Evidence for electromagnetic granularity in polycrystalline $\text{Sm}1111$ iron-pnictides with enhanced phase purity. <i>Superconductor Science and Technology</i> , 2011 , 24, 045010	3.1	37
109	The phase diagrams of iron-based superconductors: Theory and experiments. <i>Comptes Rendus Physique</i> , 2016 , 17, 5-35	1.4	35
108	Correlated trends of coexisting magnetism and superconductivity in optimally electron-doped oxypnictides. <i>Physical Review Letters</i> , 2011 , 107, 227003	7.4	35
107	Transport and infrared properties of $\text{SmFeAs}(\text{O}_{1-x}\text{F}_x)$: from SDW to superconducting ordering. <i>Superconductor Science and Technology</i> , 2009 , 22, 034004	3.1	33
106	Nanoscale coexistence of magnetic and superconducting states within the FeAs layers of $\text{CeFeAsO}_{1-x}\text{F}_x$. <i>Physical Review B</i> , 2010 , 82,	3.3	28
105	Effect of chemical pressure on spin density wave and superconductivity in undoped and 15% F-doped $\text{La}_{1-y}\text{Y}_y\text{FeAsO}$ compounds. <i>Physical Review B</i> , 2009 , 79,	3.3	27

104	A Novel Process to Produce Amorphous Nanosized Boron Useful for MgB_2 Synthesis. <i>IEEE Transactions on Applied Superconductivity</i> , 2012 , 22, 6200606-6200606	1.8	26
103	Synthesis and characterization of $\text{BaSn}(\text{OH})_6$ and BaSnO_3 acicular particles. <i>Journal of Materials Research</i> , 2003 , 18, 560-566	2.5	26
102	Long- to short-range magnetic order in fluorine-doped CeFeAsO . <i>Physical Review B</i> , 2011 , 84,	3.3	25
101	The optical phonon spectrum of SmFeAsO . <i>Europhysics Letters</i> , 2008 , 84, 67013	1.6	25
100	Magnetic properties of spin-diluted iron pnictides from μR and NMR in $\text{LaFe}_{1-x}\text{Ru}_x\text{AsO}$. <i>Physical Review B</i> , 2012 , 85,	3.3	24
99	Tetragonal to orthorhombic phase transition in SmFeAsO : A synchrotron powder diffraction investigation. <i>Journal of Alloys and Compounds</i> , 2009 , 477, L21-L23	5.7	24
98	Genetic evolution of nanocrystalline Fe oxide and oxyhydroxide assemblages from the Libiola mine (eastern Liguria, Italy): structural and microstructural investigations. <i>European Journal of Mineralogy</i> , 2005 , 17, 785-795	2.2	24
97	. <i>IEEE Transactions on Applied Superconductivity</i> , 2008 , 18, 1175-1178	1.8	22
96	Effect of Cr substitution on the crystal and magnetic structure of $(\text{Pr}_{0.55}\text{Ca}_{0.45})\text{MnO}_3$: A neutron powder diffraction investigation. <i>Physical Review B</i> , 2006 , 73,	3.3	22
95	Different sol-gel preparations of iron-doped TiO_2 nanoparticles: characterization, photocatalytic activity and cytotoxicity. <i>Journal of Sol-Gel Science and Technology</i> , 2016 , 80, 152-159	2.3	22
94	Growth of ternary oxides in the $\text{Gd}_2\text{O}_3\text{-Fe}_2\text{O}_3$ system. A diffusion couple study. <i>Solid State Ionics</i> , 2002 , 146, 257-271	3.3	21
93	Migration of selected elements of environmental concern from unaltered pyrite-rich mineralizations to Fe-rich alteration crusts. <i>Journal of Geochemical Exploration</i> , 2012 , 114, 109-117	3.8	19
92	Magnetic characterization of undoped and 15%F-doped LaFeAsO and SmFeAsO compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 2009 , 321, 3024-3030	2.8	19
91	Effects of high-energy proton irradiation on the superconducting properties of $\text{Fe}(\text{Se},\text{Te})$ thin films. <i>Superconductor Science and Technology</i> , 2018 , 31, 054001	3.1	18
90	Temperature dependent local atomic displacements in Ru substituted $\text{SmFe}_{1-x}\text{Ru}_x\text{AsO}_{0.85}\text{F}_{0.15}$ superconductors. <i>Superconductor Science and Technology</i> , 2013 , 26, 065005	3.1	18
89	The role of Fe deficiency in $\text{Fe}_y\text{Se}_{0.5}\text{Te}_{0.5}$ samples prepared by a melting process. <i>Physica C: Superconductivity and Its Applications</i> , 2013 , 494, 69-73	1.3	17
88	Microstructural evolution throughout the structural transition in 1111 oxypnictides. <i>Physical Review B</i> , 2012 , 85,	3.3	17
87	Crystal and magnetic structure of Cr- and Ni-substituted $(\text{La}_{0.50}\text{Ca}_{0.50})\text{MnO}_3$. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 145210	1.8	17

86	Effect of Ru substitution on atomic displacements in the layered SmFe _{1-x} Ru _x AsO _{0.85} F _{0.15} superconductor. <i>Physical Review B</i> , 2012 , 85,	3-3	16
85	Orthorhombic lattice deformation of GdSr ₂ RuCu ₂ O ₈ from high-resolution transmission electron microscopy and x-ray powder diffraction analysis. <i>Physical Review B</i> , 2004 , 69,	3-3	16
84	Pseudogap Analysis of Normal State Transport Behavior of 11 and 1111 Fe-Based Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 2011 , 24, 1751-1760	1-5	15
83	The bulk modulus of SmFeAs(O _{0.93} F _{0.07}). <i>Physica C: Superconductivity and Its Applications</i> , 2009 , 469, 782-784	1-3	15
82	Direct TEM observation of nanometric-sized defects in neutron-irradiated MgB ₂ bulk and their effect on pinning mechanisms. <i>Superconductor Science and Technology</i> , 2008 , 21, 012001	3-1	15
81	Effect of disorder on the passage from bulk superconductivity to spin glass behaviour in RuSr ₂ GdCu ₂ O ₈ . <i>Superconductor Science and Technology</i> , 2005 , 18, 454-460	3-1	15
80	Theoretical and experimental investigation of magnetotransport in iron chalcogenides. <i>Science and Technology of Advanced Materials</i> , 2012 , 13, 054402	7-1	14
79	Neutron powder diffraction investigation of the structural and magnetic properties of (La _{1-y} Y _y)FeAsO (y=0.10, 0.20, and 0.30). <i>Physical Review B</i> , 2009 , 80,	3-3	13
78	Formation and decomposition of the rutile-type compound FeSbO ₄ . <i>Magyar Árvad Kölemények</i> , 2002 , 70, 123-127	0	13
77	Structural and magnetic properties of Cu substituted manganites studied by EXAFS and dc magnetization measurements. <i>Journal of Alloys and Compounds</i> , 2009 , 478, 479-483	5-7	12
76	Experimental Evidence for Static Charge Density Waves in Iron Oxypnictides. <i>Physical Review Letters</i> , 2017 , 118, 055701	7-4	11
75	Crystal and magnetic structures of (La _{0.70} Ca _{0.30})(Cr _{1-x} Mn _x)O ₃ : A neutron powder diffraction study. <i>Physical Review B</i> , 2008 , 77,	3-3	11
74	Structural studies on synthetic and natural Fe-Sb-oxides of MO ₂ type. <i>Neues Jahrbuch für Mineralogie, Monatshefte</i> , 2003 , 2003, 407-420		11
73	In situ high-energy synchrotron x-ray diffraction investigation of phase formation and sintering in MgB ₂ tapes. <i>Superconductor Science and Technology</i> , 2011 , 24, 065014	3-1	10
72	Depinning frequency in a heavily neutron-irradiated MgB ₂ sample. <i>Physica C: Superconductivity and Its Applications</i> , 2008 , 468, 2372-2377	1-3	10
71	Decomposition of (Sn _{2x} Fe _{1-x} Sb _{1-x})O ₄ solid solutions with x _{0.50} . <i>Materials Research Bulletin</i> , 2003 , 38, 1629-1634	5-1	9
70	High-temperature nitridation of Nb ₃ Al alloys in nitrogen. <i>Journal of Alloys and Compounds</i> , 1999 , 283, 241-259	5-7	9
69	The crystal and magnetic structure of Ti-substituted LaCrO ₃ . <i>Materials Research Bulletin</i> , 2011 , 46, 190-193		8

68	Local structure and magnetic properties of Mn substituted manganites studied by EXAFS and Dc magnetic measurements. <i>Solid State Communications</i> , 2005 , 136, 244-249	1.6	8
67	Cyan Emission in Two-Dimensional Colloidal CsCdCl:Sb Ruddlesden-Popper Phase Nanoplatelets. <i>ACS Nano</i> , 2021 ,	16.7	8
66	Systematic Study on TiO ₂ Crystallization via Hydrothermal Synthesis in the Presence of Different Ferrite Nanoparticles as Nucleation Seeds. <i>Journal of Nanoscience and Nanotechnology</i> , 2019 , 19, 4994-4999	1.3	7
65	Structural studies on copper and nitrogen doped nanosized anatase. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2018 , 233, 867-876	1	7
64	Mcalpineite from the Gambatesa mine, Italy, and redefinition of the species. <i>American Mineralogist</i> , 2013 , 98, 1899-1905	2.9	7
63	Structural properties and phase diagram of the La(Fe _{1-x} Ru _x)AsO system. <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 395701	1.8	7
62	Structural, microstructural and magnetic properties of (La(1-x)Ca(x))MnO ₃ nanoparticles. <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 176003	1.8	7
61	Application of the SHS technique in the synthesis of the perovskite-type Mg _x CyNi ₃ compound. <i>Materials Research Bulletin</i> , 2004 , 39, 647-654	5.1	7
60	Vanadiocarpholite, Mn ₂ V ₃ Al(Si ₂ O ₆)(OH) ₄ , a new mineral from the Molinello mine, northern Apennines, Italy. <i>European Journal of Mineralogy</i> , 2005 , 17, 501-507	2.2	7
59	Impact of local structure on halogen ion migration in layered methylammonium copper halide memory devices. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 17516-17526	13	7
58	Anisotropic Effect of Proton Irradiation on Pinning Properties of Fe(Se,Te) Thin Films. <i>IEEE Transactions on Applied Superconductivity</i> , 2019 , 29, 1-5	1.8	6
57	Evidence of a miscibility gap in the FeTe _{1-x} Se _x polycrystalline samples prepared with a melting process. <i>Journal of Physics: Conference Series</i> , 2014 , 507, 012044	0.3	6
56	Facile synthesis of NIR and Visible luminescent Sm ³⁺ doped lutetium oxide nanoparticles. <i>Materials Research Bulletin</i> , 2017 , 86, 220-227	5.1	6
55	Intrinsic Ferromagnetic Impurity Phases in SmFeAsO _{1-x} F _x Detected by μ SR. <i>Journal of Superconductivity and Novel Magnetism</i> , 2009 , 22, 585-588	1.5	6
54	Atomic-scale distortions and temperature-dependent large pseudogap in thin films of the parent iron-chalcogenide superconductor Fe Te. <i>Journal of Physics Condensed Matter</i> , 2017 , 29, 485002	1.8	5
53	Effect of Cu ²⁺ and Ni ²⁺ substitution at the Mn site in (La _{0.63} Ca _{0.37})MnO ₃ : A neutron powder diffraction investigation. <i>Journal of Solid State Chemistry</i> , 2013 , 200, 128-135	3.3	5
52	Variations in structural and physical properties of RuSr ₂ GdCu ₂ O ₈ samples submitted to annealing and deoxygenation procedures. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E1047-E1049	2.8	5
51	The huge effect of Mn substitution on the structural and magnetic properties of LaFeAsO: the La(Fe,Mn)AsO system. <i>Journal of Physics Condensed Matter</i> , 2019 , 31, 064001	1.8	5

50	Phase separation, orbital ordering and magnetism in (La _{0.375} Ca _{0.625})MnO ₃ . <i>Journal of Solid State Chemistry</i> , 2016 , 239, 99-105	3.3	4
49	The puzzling structure of CuFeS (bornite) at low temperature. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2018 , 74, 405-415	1.8	4
48	⁷⁵ As NQR signature of the isoelectronic nature of ruthenium for iron substitution in LaFeRuAsO. <i>Physica Status Solidi (B): Basic Research</i> , 2014 , 251, 974-979	1.3	4
47	Neutron powder diffraction analysis of (Tm _{0.50} Ca _{0.50})MnO ₃ and (Lu _{0.50} Ca _{0.50})MnO ₃ . <i>Journal of Solid State Chemistry</i> , 2012 , 196, 314-319	3.3	4
46	Symmetry-mode and spontaneous strain analysis of the structural transitions in Fe(1+y)Te and REFeAsO compounds. <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 125703	1.8	4
45	DC magnetic susceptibility and neutron powder diffraction analysis of the perovskite-type compounds LaYbO ₃ and LaHoO ₃ . <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 426005	1.8	4
44	Local structure characterization of superconducting MgCNi ₃ prepared by SHS technique. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 454, 77-81	1.3	4
43	Squawcreekite-rutile solid solution from the Kajlidongri Mine (India). <i>European Journal of Mineralogy</i> , 2003 , 15, 427-433	2.2	4
42	The local structure and magnetic correlations in La(Fe _{1-x} Mn _x)AsO system. <i>Journal of Physics and Chemistry of Solids</i> , 2019 , 134, 319-323	3.9	3
41	Fast recovery of the pristine magnetic and structural phases in superconducting LaFeAsO _F by Mn/Fe substitution. <i>Journal of Physics Condensed Matter</i> , 2019 , 31, 174002	1.8	3
40	Effect of chemical pressure on the local structure of La _{1-x} Sm _x FeAsO system. <i>Superconductor Science and Technology</i> , 2015 , 28, 025007	3.1	3
39	Pair distribution function analysis of La(Fe _{1-x} Ru _x)AsO compounds. <i>Journal of Solid State Chemistry</i> , 2014 , 220, 37-44	3.3	3
38	Study of the electronic and magnetic properties as a function of isoelectronic substitution in SmFe(1-x)Ru _x AsO _{0.85} F _{0.15} . <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 065701	1.8	3
37	Small angle neutron scattering study of magnetic clustering in (Pr _{0.55} Ca _{0.45})(Mn _{1-y} Cry)O ₃ manganites. <i>Journal of Alloys and Compounds</i> , 2012 , 542, 63-67	5.7	3
36	Martinelli et al. reply. <i>Physical Review Letters</i> , 2013 , 110, 209702	7.4	3
35	Evolution of the structure, microstructure and physical properties of RuSr ₂ GdCu ₂ O ₈ as a function of the thermal treatment. <i>Zeitschrift für Kristallographie</i> , 2007 , 222, 459-465		3
34	Cavoite, CaV ₃ O ₇ , a new mineral from the Gambatesa mine, northern Apennines, Italy. <i>European Journal of Mineralogy</i> , 2003 , 15, 181-184	2.2	3
33	Decomposition of (Ti _{2x} Fe _{1-x} Sb _{1-x})O ₄ solid solutions below 1673 K. <i>Materials Research Bulletin</i> , 2002 , 37, 1469-1474	5.1	3

32	The crystal structure of (Ho _{0.50} Ca _{0.50})MnO ₃ and its evolution with Cr doping: A Rietveld refinement investigation. <i>Powder Diffraction</i> , 2005 , 20, 22-26	1.8	3
31	Strong enhancement of the ferromagnetic phase and local order in Ru ²⁺ -substituted manganites studied by EXAFS and dc magnetization measurements. <i>Journal of Alloys and Compounds</i> , 2016 , 663, 560-564	5.7	2
30	Chemical composition of superconducting SmFeAsO doped with fluorine. <i>Surface and Interface Analysis</i> , 2010 , 42, 692-695	1.5	2
29	EXAFS Study of the Local Order and Structure in Cu Doped Manganites. <i>Journal of Superconductivity and Novel Magnetism</i> , 2007 , 20, 511-514	1.5	2
28	Solid state solubility between SnO ₂ and (FeSb) ₂ O ₄ at high temperature. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2006 , 221,	1	2
27	Unconventional synthesis of Mg _x C _y Ni ₃ : Synergic combination of mechanical alloying, SHS and isothermal heating. <i>Journal of Materials Science</i> , 2004 , 39, 5333-5337	4.3	2
26	Dependence of the structural and physical properties of Ru-1212 compound on the thermal treatment and oxygen content. <i>Physica C: Superconductivity and Its Applications</i> , 2004 , 408-410, 187-188	1.3	2
25	Solid state miscibility in the pseudo-binary TiO ₂ (FeSb) ₂ O ₄ system at 1373 K. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2004 , 219,	1	2
24	In situ x-ray and neutron diffraction investigation of Bi-2212 in multifilamentary wires during thermal treatment. <i>Physical Review Materials</i> , 2018 , 2,	3.2	2
23	Mn substitution effect on the local structure of La(FeMn)AsO studied by temperature dependent x-ray absorption measurements. <i>Journal of Physics Condensed Matter</i> , 2020 ,	1.8	2
22	Crystallochemistry of Fe-Based Superconductors: Interplay Between Chemical, Structural and Physical Properties in the Fe(Se,Te) and 1111-Type Systems. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015 , 28, 1103-1106	1.5	1
21	Suppression of ferromagnetic order by Ag-doping: a neutron scattering investigation on Ce(Pd Ag) ₂ In (x = 0.20, 0.50). <i>Journal of Physics Condensed Matter</i> , 2018 , 30, 265601	1.8	1
20	Neutron powder diffraction investigation on the crystal and magnetic structure of (Ho(0.50+x)Ca(0.50-x))(Mn(1-x)Cr(x))O ₃ . <i>Journal of Physics Condensed Matter</i> , 2011 , 23, 416005	1.8	1
19	(La,Ca)(Mn,M)O ₃ (M = Ni, Cr) compounds investigated by means of XRPD and DC magnetic measurements. <i>Journal of the European Ceramic Society</i> , 2005 , 25, 3037-3040	6	1
18	High temperature-high pressure nitridation of Ti ₆₃ Nb ₃₇ by means of the chemical oven technique. <i>Journal of Alloys and Compounds</i> , 2001 , 317-318, 245-249	5.7	1
17	Growth of ordered lamellar precipitates during nitridation of Nb ₁₀₀ at.% Ti at 1300°C. <i>Journal of Alloys and Compounds</i> , 1999 , 283, 260-264	5.7	1
16	Chemical CeO ₂ -Based Buffer Layers for Fe(Se,Te) Films. <i>IEEE Transactions on Applied Superconductivity</i> , 2022 , 32, 1-5	1.8	1
15	Structural strain and competition between charge density wave and superconductivity in La(Fe,Mn)As(O _{0.89} F _{0.11}) compounds. <i>Physical Review B</i> , 2021 , 103,	3.3	1

14	Comment on Local lattice distortions vs. structural phase transition in NdFeAsO _{1-x} Fx [reported in Physica C 527 (2016) 55]. <i>Physica C: Superconductivity and Its Applications</i> , 2017 , 532, 50-51	1.3	0
13	New insights into the magnetic properties of LaErO ₃ , (La _{0.5} Er _{0.5}) ₂ O ₃ and (La _{0.5} Dy _{0.5}) ₂ O ₃ oxides. <i>Journal of Physics Condensed Matter</i> , 2016 , 28, 066003	1.8	0
12	Proton Irradiation Effects on the Superconducting Properties of Fe(Se,Te) Thin Films. <i>IEEE Transactions on Applied Superconductivity</i> , 2022 , 32, 1-5	1.8	0
11	Structural and magnetic properties of the YbPd(In Sn) system: a synchrotron x-ray and neutron powder diffraction investigation. <i>Journal of Physics Condensed Matter</i> , 2019 , 31, 385802	1.8	0
10	Structural investigation of the Sm(Fe _{1-x} Ru _x)As(O _{0.85} F _{0.15}) system: a synchrotron x-ray powder diffraction study. <i>Superconductor Science and Technology</i> , 2019 , 32, 015014	3.1	0
9	Mn-induced Fermi-surface reconstruction in the SmFeAsO parent compound. <i>Scientific Reports</i> , 2021 , 11, 14373	4.9	0
8	Effect of the external pressure at the crossover between magnetism and superconductivity in LnFeAsO _{1-x} Fx (Ln = La _{0.7} Y _{0.3} , Ce) superconductors. <i>International Journal of Modern Physics B</i> , 2018 , 32, 1840018	1.1	
7	Local Structure and Dynamic Properties of Mn Substituted Manganites Studied by EXAFS and Anelastic Spectroscopy. <i>Advances in Science and Technology</i> , 2006 , 52, 110-115	0.1	
6	Effect of Cr Substitution on the Crystal and Magnetic Structure of (Pr _{0.55} Ca _{0.45})MnO ₃ . <i>Advances in Science and Technology</i> , 2006 , 52, 93-97	0.1	
5	Effect of Cr doping on the structure of (Pr _{0.55} Ca _{0.45})(Mn _{1-y} Cr _y)O ₃ : A Rietveld refinement study. <i>Powder Diffraction</i> , 2004 , 19, 137-140	1.8	
4	Structure and magnetic properties of (Pr _{0.55} Ca _{0.45})(Mn _{1-y} Cr _y)O ₃ (y=0.00, 0.03, 0.06). <i>Journal of the European Ceramic Society</i> , 2005 , 25, 3041-3043	6	
3	Local Order and Structure in Mn-Substituted Manganites Studied by EXAFS. <i>Journal of Superconductivity and Novel Magnetism</i> , 2005 , 18, 643-647		
2	Transition Metal Carbides. Dependence of some thermochemical quantities on the chemical nature of reactants and stoichiometry of the product 2001 , 66, 59-62		
1	Coexistence of magnetic phases in La(Mn _{0.70} Ga _{0.30})O ₃ under high pressure: A neutron powder diffraction investigation. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 466, 87-91	2.8	