

# Alberto Martinelli

## 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.

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	Chemical CeO <sub>2</sub> -Based Buffer Layers for Fe(Se,Te) Films. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2022</b> , 32, 1-5	1.8	1
120	Proton Irradiation Effects on the Superconducting Properties of Fe(Se,Te) Thin Films. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2022</b> , 32, 1-5	1.8	0
119	Cyan Emission in Two-Dimensional Colloidal CsCdCl <sub>2</sub> Sb Ruddlesden-Popper Phase Nanoplatelets. <i>ACS Nano</i> , <b>2021</b> ,	16.7	8
118	Structural strain and competition between charge density wave and superconductivity in La(Fe,Mn)As(O <sub>0.89</sub> F <sub>0.11</sub> ) compounds. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	1
117	Mn-induced Fermi-surface reconstruction in the SmFeAsO parent compound. <i>Scientific Reports</i> , <b>2021</b> , 11, 14373	4.9	0
116	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> , <b>2020</b> ,	1.8	2
115	Impact of local structure on halogen ion migration in layered methylammonium copper halide memory devices. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 17516-17526	13	7
114	The local structure and magnetic correlations in La(Fe <sub>1-x</sub> Mn <sub>x</sub> )AsO system. <i>Journal of Physics and Chemistry of Solids</i> , <b>2019</b> , 134, 319-323	3.9	3
113	Fast recovery of the pristine magnetic and structural phases in superconducting LaFeAsO <sub>F</sub> by Mn/Fe substitution. <i>Journal of Physics Condensed Matter</i> , <b>2019</b> , 31, 174002	1.8	3
112	Systematic Study on TiO <sub>2</sub> Crystallization via Hydrothermal Synthesis in the Presence of Different Ferrite Nanoparticles as Nucleation Seeds. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2019</b> , 19, 4994-4999	13	7
111	Anisotropic Effect of Proton Irradiation on Pinning Properties of Fe(Se,Te) Thin Films. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2019</b> , 29, 1-5	1.8	6
110	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> , <b>2019</b> , 31, 385802	1.8	0
109	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> , <b>2019</b> , 31, 064001	1.8	5
108	Structural investigation of the Sm(Fe <sub>1-x</sub> Ru <sub>x</sub> )As(O <sub>0.85</sub> F <sub>0.15</sub> ) system: a synchrotron x-ray powder diffraction study. <i>Superconductor Science and Technology</i> , <b>2019</b> , 32, 015014	3.1	0
107	Effects of high-energy proton irradiation on the superconducting properties of Fe(Se,Te) thin films. <i>Superconductor Science and Technology</i> , <b>2018</b> , 31, 054001	3.1	18
106	Effect of the external pressure at the crossover between magnetism and superconductivity in LnFeAsO <sub>1-x</sub> F <sub>x</sub> (Ln = La <sub>0.7</sub> Y <sub>0.3</sub> , Ce) superconductors. <i>International Journal of Modern Physics B</i> , <b>2018</b> , 32, 1840018	1.1	
105	The puzzling structure of CuFeS (bornite) at low temperature. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , <b>2018</b> , 74, 405-415	1.8	4

104	Suppression of ferromagnetic order by Ag-doping: a neutron scattering investigation on Ce(Pd Ag)In (x = 0.20, 0.50). <i>Journal of Physics Condensed Matter</i> , <b>2018</b> , 30, 265601	1.8	1
103	Structural studies on copper and nitrogen doped nanosized anatase. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>2018</b> , 233, 867-876	1	7
102	In situ x-ray and neutron diffraction investigation of Bi-2212 in multifilamentary wires during thermal treatment. <i>Physical Review Materials</i> , <b>2018</b> , 2,	3.2	2
101	Coexistence of magnetic phases in La(Mn <sub>0.70</sub> Ga <sub>0.30</sub> )O <sub>3</sub> under high pressure: A neutron powder diffraction investigation. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2018</b> , 466, 87-91	2.8	
100	Comment on "Local lattice distortions vs. structural phase transition in NdFeAsO <sub>1-x</sub> Fx" reported in [Physica C 527 (2016) 55]. <i>Physica C: Superconductivity and Its Applications</i> , <b>2017</b> , 532, 50-51	1.3	0
99	Experimental Evidence for Static Charge Density Waves in Iron Oxypnictides. <i>Physical Review Letters</i> , <b>2017</b> , 118, 055701	7.4	11
98	Atomic-scale distortions and temperature-dependent large pseudogap in thin films of the parent iron-chalcogenide superconductor FeTe. <i>Journal of Physics Condensed Matter</i> , <b>2017</b> , 29, 485002	1.8	5
97	Facile synthesis of NIR and Visible luminescent Sm <sup>3+</sup> doped lutetium oxide nanoparticles. <i>Materials Research Bulletin</i> , <b>2017</b> , 86, 220-227	5.1	6
96	The phase diagrams of iron-based superconductors: Theory and experiments. <i>Comptes Rendus Physique</i> , <b>2016</b> , 17, 5-35	1.4	35
95	Strong enhancement of the ferromagnetic phase and local order in Ru-substituted manganites studied by EXAFS and dc magnetization measurements. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 663, 560-564	5.7	2
94	Phase separation, orbital ordering and magnetism in (La <sub>0.375</sub> Ca <sub>0.625</sub> )MnO <sub>3</sub> . <i>Journal of Solid State Chemistry</i> , <b>2016</b> , 239, 99-105	3.3	4
93	New insights into the magnetic properties of LaErO <sub>3</sub> , (La <sub>0.5</sub> Er <sub>0.5</sub> ) <sub>2</sub> O <sub>3</sub> and (La <sub>0.5</sub> Dy <sub>0.5</sub> ) <sub>2</sub> O <sub>3</sub> oxides. <i>Journal of Physics Condensed Matter</i> , <b>2016</b> , 28, 066003	1.8	0
92	Different sol-gel preparations of iron-doped TiO <sub>2</sub> nanoparticles: characterization, photocatalytic activity and cytotoxicity. <i>Journal of Sol-Gel Science and Technology</i> , <b>2016</b> , 80, 152-159	2.3	22
91	Effect of chemical pressure on the local structure of La <sub>1-x</sub> Sm <sub>x</sub> FeAsO system. <i>Superconductor Science and Technology</i> , <b>2015</b> , 28, 025007	3.1	3
90	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> , <b>2015</b> , 28, 1103-1106	1.5	1
89	Pair distribution function analysis of La(Fe <sub>1-x</sub> Ru <sub>x</sub> )AsO compounds. <i>Journal of Solid State Chemistry</i> , <b>2014</b> , 220, 37-44	3.3	3
88	Evidence of a miscibility gap in the FeTe <sub>1-x</sub> Se <sub>x</sub> polycrystalline samples prepared with a melting process. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 507, 012044	0.3	6
87	<sup>75</sup> As NQR signature of the isoelectronic nature of ruthenium for iron substitution in LaFeRuAsO. <i>Physica Status Solidi (B): Basic Research</i> , <b>2014</b> , 251, 974-979	1.3	4

86	Study of the electronic and magnetic properties as a function of isoelectronic substitution in SmFe(1-x)RuxAsO0.85F0.15. <i>Journal of Physics Condensed Matter</i> , <b>2014</b> , 26, 065701	1.8	3
85	The role of Fe deficiency in Fe <sub>y</sub> Se <sub>0.5</sub> Te <sub>0.5</sub> samples prepared by a melting process. <i>Physica C: Superconductivity and Its Applications</i> , <b>2013</b> , 494, 69-73	1.3	17
84	Effect of Cu <sup>2+</sup> and Ni <sup>2+</sup> substitution at the Mn site in (La <sub>0.63</sub> Ca <sub>0.37</sub> )MnO <sub>3</sub> : A neutron powder diffraction investigation. <i>Journal of Solid State Chemistry</i> , <b>2013</b> , 200, 128-135	3.3	5
83	Mcalpineite from the Gambatesa mine, Italy, and redefinition of the species. <i>American Mineralogist</i> , <b>2013</b> , 98, 1899-1905	2.9	7
82	Structural properties and phase diagram of the La(Fe <sub>1-x</sub> Ru <sub>x</sub> )AsO system. <i>Journal of Physics Condensed Matter</i> , <b>2013</b> , 25, 395701	1.8	7
81	Structural, microstructural and magnetic properties of (La(1-x)Ca(x))MnO <sub>3</sub> nanoparticles. <i>Journal of Physics Condensed Matter</i> , <b>2013</b> , 25, 176003	1.8	7
80	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> , <b>2013</b> , 25, 125703	1.8	4
79	Temperature dependent local atomic displacements in Ru substituted SmFe <sub>1-x</sub> Ru <sub>x</sub> AsO <sub>0.85</sub> F <sub>0.15</sub> superconductors. <i>Superconductor Science and Technology</i> , <b>2013</b> , 26, 065005	3.1	18
78	DC magnetic susceptibility and neutron powder diffraction analysis of the perovskite-type compounds LaYbO <sub>3</sub> and LaHoO <sub>3</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2013</b> , 25, 426005	1.8	4
77	Martinelli et al. reply. <i>Physical Review Letters</i> , <b>2013</b> , 110, 209702	7.4	3
76	Tuning of the superconducting properties of FeSe <sub>0.5</sub> Te <sub>0.5</sub> thin films through the substrate effect. <i>Superconductor Science and Technology</i> , <b>2012</b> , 25, 084022	3.1	48
75	A Novel Process to Produce Amorphous Nanosized Boron Useful for $\text{MgB}_2$ Synthesis. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2012</b> , 22, 6200606-6200606	1.8	26
74	Small angle neutron scattering study of magnetic clustering in (Pr <sub>0.55</sub> Ca <sub>0.45</sub> )(Mn <sub>1-x</sub> Cry) <sub>2</sub> O <sub>7</sub> manganites. <i>Journal of Alloys and Compounds</i> , <b>2012</b> , 542, 63-67	5.7	3
73	Neutron powder diffraction analysis of (Tm <sub>0.50</sub> Ca <sub>0.50</sub> )MnO <sub>3</sub> and (Lu <sub>0.50</sub> Ca <sub>0.50</sub> )MnO <sub>3</sub> . <i>Journal of Solid State Chemistry</i> , <b>2012</b> , 196, 314-319	3.3	4
72	Migration of selected elements of environmental concern from unaltered pyrite-rich mineralizations to Fe-rich alteration crusts. <i>Journal of Geochemical Exploration</i> , <b>2012</b> , 114, 109-117	3.8	19
71	Effect of Ru substitution on atomic displacements in the layered SmFe <sub>1-x</sub> Ru <sub>x</sub> AsO <sub>0.85</sub> F <sub>0.15</sub> superconductor. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	16
70	A new approach for improving global critical current density in Fe(Se <sub>0.5</sub> Te <sub>0.5</sub> ) polycrystalline materials. <i>Superconductor Science and Technology</i> , <b>2012</b> , 25, 115018	3.1	45
69	Microstructural evolution throughout the structural transition in 1111 oxypnictides. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	17

68	Magnetic properties of spin-diluted iron pnictides from BR and NMR in LaFe <sub>1-x</sub> Ru <sub>x</sub> AsO. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	24
67	Theoretical and experimental investigation of magnetotransport in iron chalcogenides. <i>Science and Technology of Advanced Materials</i> , <b>2012</b> , 13, 054402	7.1	14
66	Cationic distribution and spin canting in CoFe <sub>2</sub> O <sub>4</sub> nanoparticles. <i>Journal of Physics Condensed Matter</i> , <b>2011</b> , 23, 426004	1.8	89
65	The crystal and magnetic structure of Ti-substituted LaCrO <sub>3</sub> . <i>Materials Research Bulletin</i> , <b>2011</b> , 46, 190-193	3.3	8
64	Pseudogap Analysis of Normal State Transport Behavior of 11 and 1111 Fe-Based Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2011</b> , 24, 1751-1760	1.5	15
63	Long- to short-range magnetic order in fluorine-doped CeFeAsO. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	25
62	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 <sub>3</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2011</b> , 23, 416005	1.8	1
61	Magnetotransport in La(Fe,Ru)AsO as a probe of band structure and mobility. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	37
60	Correlated trends of coexisting magnetism and superconductivity in optimally electron-doped oxypnictides. <i>Physical Review Letters</i> , <b>2011</b> , 107, 227003	7.4	35
59	Retention of the tetragonal to orthorhombic structural transition in F-substituted SmFeAsO: a new phase diagram for SmFeAs(O(1-x)F(x)). <i>Physical Review Letters</i> , <b>2011</b> , 106, 227001	7.4	37
58	Evidence for electromagnetic granularity in polycrystalline Sm1111 iron-pnictides with enhanced phase purity. <i>Superconductor Science and Technology</i> , <b>2011</b> , 24, 045010	3.1	37
57	In situ high-energy synchrotron x-ray diffraction investigation of phase formation and sintering in MgB <sub>2</sub> tapes. <i>Superconductor Science and Technology</i> , <b>2011</b> , 24, 065014	3.1	10
56	Isoelectronic Ru substitution at the iron site in SmFe <sub>1-x</sub> Ru <sub>x</sub> AsO <sub>0.85</sub> F <sub>0.15</sub> and its effects on structural, superconducting, and normal-state properties. <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	61
55	Nanoscale coexistence of magnetic and superconducting states within the FeAs layers of CeFeAsO <sub>1-x</sub> F <sub>x</sub> . <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	28
54	From antiferromagnetism to superconductivity in Fe <sub>1+y</sub> Te <sub>1-x</sub> Se <sub>x</sub> (0 ≤ x ≤ 0.20): Neutron powder diffraction analysis. <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	112
53	Transport and superconducting properties of Fe-based superconductors: a comparison between SmFeAsO <sub>1-x</sub> F <sub>x</sub> and Fe <sub>1+y</sub> Te <sub>1-x</sub> Se <sub>x</sub> . <i>Superconductor Science and Technology</i> , <b>2010</b> , 23, 054001	3.1	47
52	Chemical composition of superconducting SmFeAsO doped with fluorine. <i>Surface and Interface Analysis</i> , <b>2010</b> , 42, 692-695	1.5	2
51	Neutron powder diffraction investigation of the structural and magnetic properties of (La <sub>1-y</sub> Y <sub>y</sub> )FeAsO (y=0.10, 0.20, and 0.30). <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	13

50	The bulk modulus of SmFeAs(O <sub>0.93</sub> F <sub>0.07</sub> ). <i>Physica C: Superconductivity and Its Applications</i> , <b>2009</b> , 469, 782-784	1.3	15
49	Intrinsic Ferromagnetic Impurity Phases in SmFeAsO <sub>1-x</sub> F <sub>x</sub> Detected by $\mu$ SR. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2009</b> , 22, 585-588	1.5	6
48	Magnetic characterization of undoped and 15%F-doped LaFeAsO and SmFeAsO compounds. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2009</b> , 321, 3024-3030	2.8	19
47	Effect of chemical pressure on spin density wave and superconductivity in undoped and 15% F-doped La <sub>1-y</sub> Y <sub>y</sub> FeAsO compounds. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	27
46	Tetragonal to orthorhombic phase transition in SmFeAsO: A synchrotron powder diffraction investigation. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 477, L21-L23	5.7	24
45	Structural and magnetic properties of Cu substituted manganites studied by EXAFS and dc magnetization measurements. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 478, 479-483	5.7	12
44	Transport and infrared properties of SmFeAs(O <sub>1-x</sub> F <sub>x</sub> ): from SDW to superconducting ordering. <i>Superconductor Science and Technology</i> , <b>2009</b> , 22, 034004	3.1	33
43	Upper critical field and fluctuation conductivity in the critical regime of doped SmFeAsO. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	63
42	The optical phonon spectrum of SmFeAsO. <i>Europhysics Letters</i> , <b>2008</b> , 84, 67013	1.6	25
41	Crystal and magnetic structures of (La <sub>0.70</sub> Ca <sub>0.30</sub> )(Cr <sub>1-y</sub> Mn <sub>y</sub> )O <sub>3</sub> : A neutron powder diffraction study. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	11
40	Synthesis, crystal structure, microstructure, transport and magnetic properties of SmFeAsO and SmFeAs(O <sub>0.93</sub> F <sub>0.07</sub> ). <i>Superconductor Science and Technology</i> , <b>2008</b> , 21, 095017	3.1	58
39	Crystal and magnetic structure of Cr- and Ni-substituted (La <sub>0.50</sub> Ca <sub>0.50</sub> )MnO <sub>3</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 145210	1.8	17
38	Thermal properties of SmFeAsO <sub>1-x</sub> F <sub>x</sub> as a probe of the interplay between electrons and phonons. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	44
37	. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2008</b> , 18, 1175-1178	1.8	22
36	Direct TEM observation of nanometric-sized defects in neutron-irradiated MgB <sub>2</sub> bulk and their effect on pinning mechanisms. <i>Superconductor Science and Technology</i> , <b>2008</b> , 21, 012001	3.1	15
35	Depinning frequency in a heavily neutron-irradiated MgB <sub>2</sub> sample. <i>Physica C: Superconductivity and Its Applications</i> , <b>2008</b> , 468, 2372-2377	1.3	10
34	Local structure characterization of superconducting MgCNi <sub>3</sub> prepared by SHS technique. <i>Physica C: Superconductivity and Its Applications</i> , <b>2007</b> , 454, 77-81	1.3	4
33	EXAFS Study of the Local Order and Structure in Cu Doped Manganites. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2007</b> , 20, 511-514	1.5	2

32	Evolution of the structure, microstructure and physical properties of RuSr <sub>2</sub> GdCu <sub>2</sub> O <sub>8</sub> as a function of the thermal treatment. <i>Zeitschrift für Kristallographie</i> , <b>2007</b> , 222, 459-465		3
31	Local Structure and Dynamic Properties of Mn Substituted Manganites Studied by EXAFS and Anelastic Spectroscopy. <i>Advances in Science and Technology</i> , <b>2006</b> , 52, 110-115	0.1	
30	Solid state solubility between SnO <sub>2</sub> and (FeSb) <sub>4</sub> O <sub>14</sub> at high temperature. <i>Zeitschrift für Kristallographie - Crystalline Materials</i> , <b>2006</b> , 221,	1	2
29	Effect of Cr Substitution on the Crystal and Magnetic Structure of (Pr <sub>0.55</sub> Ca <sub>0.45</sub> )MnO <sub>3</sub> . <i>Advances in Science and Technology</i> , <b>2006</b> , 52, 93-97	0.1	
28	Effect of Cr substitution on the crystal and magnetic structure of (Pr <sub>0.55</sub> Ca <sub>0.45</sub> )MnO <sub>3</sub> : A neutron powder diffraction investigation. <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	22
27	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> , <b>2005</b> , 17, 785-795	2.2	24
26	The crystal structure of (Ho <sub>0.50</sub> Ca <sub>0.50</sub> )MnO <sub>3</sub> and its evolution with Cr doping: A Rietveld refinement investigation. <i>Powder Diffraction</i> , <b>2005</b> , 20, 22-26	1.8	3
25	(La,Ca)(Mn,M)O <sub>3</sub> (M = Ni, Cr) compounds investigated by means of XRPD and DC magnetic measurements. <i>Journal of the European Ceramic Society</i> , <b>2005</b> , 25, 3037-3040	6	1
24	Structure and magnetic properties of (Pr <sub>0.55</sub> Ca <sub>0.45</sub> )(Mn <sub>1-y</sub> Cr <sub>y</sub> )O <sub>3</sub> (y=0.00, 0.03, 0.06). <i>Journal of the European Ceramic Society</i> , <b>2005</b> , 25, 3041-3043	6	
23	Local structure and magnetic properties of Mn substituted manganites studied by EXAFS and Dc magnetic measurements. <i>Solid State Communications</i> , <b>2005</b> , 136, 244-249	1.6	8
22	Local Order and Structure in Mn-Substituted Manganites Studied by EXAFS. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2005</b> , 18, 643-647		
21	Effect of disorder on the passage from bulk superconductivity to spin glass behaviour in RuSr <sub>2</sub> GdCu <sub>2</sub> O <sub>8</sub> . <i>Superconductor Science and Technology</i> , <b>2005</b> , 18, 454-460	3.1	15
20	Vanadiocarpopholite, Mn <sub>2</sub> +V <sub>3</sub> +Al(Si <sub>2</sub> O <sub>6</sub> )(OH) <sub>4</sub> , a new mineral from the Molinello mine, northern Apennines, Italy. <i>European Journal of Mineralogy</i> , <b>2005</b> , 17, 501-507	2.2	7
19	Application of the SHS technique in the synthesis of the perovskite-type Mg <sub>x</sub> CyNi <sub>3</sub> compound. <i>Materials Research Bulletin</i> , <b>2004</b> , 39, 647-654	5.1	7
18	Unconventional synthesis of Mg <sub>x</sub> C <sub>y</sub> Ni <sub>3</sub> : Synergic combination of mechanical alloying, SHS and isothermal heating. <i>Journal of Materials Science</i> , <b>2004</b> , 39, 5333-5337	4.3	2
17	Variations in structural and physical properties of RuSr <sub>2</sub> GdCu <sub>2</sub> O <sub>8</sub> samples submitted to annealing and deoxygenation procedures. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2004</b> , 272-276, E1047-E1049	2.8	5
16	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> , <b>2004</b> , 408-410, 187-188	1.3	2
15	Orthorhombic lattice deformation of GdSr <sub>2</sub> RuCu <sub>2</sub> O <sub>8</sub> from high-resolution transmission electron microscopy and x-ray powder diffraction analysis. <i>Physical Review B</i> , <b>2004</b> , 69,	3.3	16

14	Effect of Cr doping on the structure of $(\text{Pr}_{0.55}\text{Ca}_{0.45})(\text{Mn}_{1-x}\text{Cr}_x)\text{O}_3$ : A Rietveld refinement study. <i>Powder Diffraction</i> , <b>2004</b> , 19, 137-140	1.8	
13	Solid state miscibility in the pseudo-binary $\text{TiO}_2(\text{FeSb})\text{O}_4$ system at 1373 K. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>2004</b> , 219,	1	2
12	Cavoite, $\text{CaV}_3\text{O}_7$ , a new mineral from the Gambatesa mine, northern Apennines, Italy. <i>European Journal of Mineralogy</i> , <b>2003</b> , 15, 181-184	2.2	3
11	Squawcreekite-rutile solid solution from the Kajlidongri Mine (India). <i>European Journal of Mineralogy</i> , <b>2003</b> , 15, 427-433	2.2	4
10	Structural studies on synthetic and natural Fe-Sb-oxides of $\text{MO}_2$ type. <i>Neues Jahrbuch Für Mineralogie, Monatshefte</i> , <b>2003</b> , 2003, 407-420		11
9	Decomposition of $(\text{Sn}_{2-x}\text{Fe}_{1-x}\text{Sb}_x)\text{O}_4$ solid solutions with $x \leq 0.50$ . <i>Materials Research Bulletin</i> , <b>2003</b> , 38, 1629-1634	5.1	9
8	Synthesis and characterization of $\text{BaSn}(\text{OH})_6$ and $\text{BaSnO}_3$ acicular particles. <i>Journal of Materials Research</i> , <b>2003</b> , 18, 560-566	2.5	26
7	Decomposition of $(\text{Ti}_{2-x}\text{Fe}_{1-x}\text{Sb}_x)\text{O}_4$ solid solutions below 1673 K. <i>Materials Research Bulletin</i> , <b>2002</b> , 37, 1469-1474	5.1	3
6	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> , <b>2002</b> , 146, 257-271	3.3	21
5	Formation and decomposition of the rutile-type compound $\text{FeSbO}_4$ . <i>Magyar Árvad Kémények</i> , <b>2002</b> , 70, 123-127	0	13
4	Transition Metal Carbides. Dependence of some thermochemical quantities on the chemical nature of reactants and stoichiometry of the product <b>2001</b> , 66, 59-62		
3	High temperature-high pressure nitridation of $\text{Ti}_{63}\text{Nb}_{37}$ by means of the chemical oven technique. <i>Journal of Alloys and Compounds</i> , <b>2001</b> , 317-318, 245-249	5.7	1
2	High-temperature nitridation of Nb-Ti alloys in nitrogen. <i>Journal of Alloys and Compounds</i> , <b>1999</b> , 283, 241-259	5.7	9
1	Growth of ordered lamellar precipitates during nitridation of Nb-10 at.% Ti at 1300°C. <i>Journal of Alloys and Compounds</i> , <b>1999</b> , 283, 260-264	5.7	1