

Vladimir A Cherepanov

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.

120
papers

1,816
citations

22
h-index

37
g-index

131
ext. papers

2,027
ext. citations

3.2
avg, IF

4.8
L-index

#	Paper	IF	Citations
120	Subsolidus phase diagram for the $\text{Y}_2\text{O}_3\text{Fe}_2\text{O}_3\text{CoO}$ system and stability boundary of $\text{YFe}_{1-x}\text{Co}_x\text{O}_3$. <i>Journal of Solid State Chemistry</i> , 2022 , 309, 123009	3.3	0
119	Evaluation of $\text{La}_2\text{-(Ca/Sr) Ni}_1\text{-Fe O}_4\text{+}[(x \pm 0.5, 0.6; y \pm 0.4, 0.5)$ as cathodes for proton-conducting SOFC based on lanthanum tungstate. <i>Electrochimica Acta</i> , 2022 , 421, 140479	6.7	0
118	$\text{Gd}_2\text{O}_3\text{BrOFe}_2\text{O}_3$ system: The phase diagram and oxygen content in oxides. <i>Materials Today Communications</i> , 2021 , 29, 102885	2.5	0
117	Influence of A- and B-site substitutions on crystal structure and oxygen content in air-prepared $\text{Ba}_{1-x}\text{Pr}_x\text{Fe}_{1-y}\text{Co}_y\text{O}_3\text{p}$ perovskites. <i>Journal of Alloys and Compounds</i> , 2021 , 860, 158438	5.7	3
116	Hydration effect on properties of the $\text{La}_2\text{-xAxNi}_1\text{-yFeyO}_4\text{+}[(\text{A}=\text{Ca}, \text{Sr})$ cathode materials for H+SOFCs. <i>Journal of Alloys and Compounds</i> , 2021 , 860, 158452	5.7	2
115	Phase equilibria and oxygen content of intermediate phases in the $\text{Sm}_2\text{O}_3\text{BrOFe}_2\text{O}_3$ system. <i>Journal of the European Ceramic Society</i> , 2021 , 41, 4199-4205	6	2
114	Phase equilibria and stability of intermediate phases in the $\text{Sm}_2\text{O}_3\text{BaOFe}_2\text{O}_3$ system. <i>Journal of the American Ceramic Society</i> , 2021 , 104, 2410-2417	3.8	0
113	Effect of cobalt content on the properties of quintuple perovskites $\text{Sm}_2\text{Ba}_3\text{Fe}_5\text{-Co O}_{15}$. <i>Journal of Solid State Chemistry</i> , 2021 , 301, 122324	3.3	0
112	Oxygen content in oxides and subsolidus phase diagram of the $\text{Gd}_2\text{O}_3\text{BrOCoO}$ system. <i>Journal of Alloys and Compounds</i> , 2021 , 883, 160794	5.7	1
111	Crystal structure, oxygen content and conductivity of $\text{Sr}_1\text{-Gd CoO}_3$. <i>Solid State Sciences</i> , 2020 , 110, 106453	3.4	2
110	Crystal Structure of Complex Oxides in the $\text{Nd}_2\text{O}_3\text{MOFe}_2\text{O}_3$ (M = Ca, Sr) Systems. <i>Inorganic Materials</i> , 2020 , 56, 42-46	0.9	
109	Crystal Structure of the New Ordered Phases Based on $\text{Y}_2\text{Ba}_3\text{Fe}_3\text{Co}_2\text{O}_{13}$ + \square <i>Inorganic Materials</i> , 2020 , 56, 72-76	0.9	
108	Conductivity and stability of ceramic $\text{Sr}_{1-x}\text{Y}_x\text{FeO}_3$ - B_2O_3 solid solutions. <i>Ceramics International</i> , 2020 , 46, 24718-24722	5.1	2
107	Phase Equilibria and Structure of Complex Oxides in the $1/2 \text{Nd}_2\text{O}_3\text{TaOCoO}$ System in Air at 1373 K. <i>Russian Journal of Physical Chemistry A</i> , 2020 , 94, 2495-2501	0.7	0
106	The Effect of Cobalt Doping on Physicochemical Properties of $\text{La}_{1.5}\text{Sr}_{0.5}\text{Ni}_{1-y}\text{Co}_y\text{O}_{4+d}$. <i>Russian Journal of Physical Chemistry A</i> , 2020 , 94, 2474-2481	0.7	0
105	Thermal Expansion and Conductivity of $\text{Sm}_{0.9}\text{Ca}_{1.1}\text{Fe}_{1-y}\text{Co}_y\text{O}_4$ Solid Solutions. <i>Russian Journal of Physical Chemistry A</i> , 2020 , 94, 2522-2526	0.7	
104	100 Years of Physical and Chemical Studies by Ural Federal University. <i>Russian Journal of Physical Chemistry A</i> , 2020 , 94, 2397-2398	0.7	

103	Correlation between oxygen surface exchange rate and surface structure in the La _{1.5} Sr _{0.5} Ni ₁ -CoO ₄ + ceramic membranes. <i>Ceramics International</i> , 2020 , 46, 17553-17560	5.1	2
102	Synthesis, structure, optical and magnetic properties of Nd _{1-x} AxMn _{0.5} Co _{0.5} O ₃ (A = Ba, Sr and Ca; x = 0 and 0.25). <i>Ceramics International</i> , 2020 , 46, 26895-26902	5.1	4
101	Optical, magnetic and magneto-transport properties of Nd _{1-x} AxMn _{0.5} Fe _{0.5} O ₃ (A=Ca, Sr, Ba; x=0, 0.25). <i>Journal of Alloys and Compounds</i> , 2020 , 847, 156297	5.7	6
100	High-temperature studies on crystal structure, properties and electrochemical performance of Nd _{0.5} Ba _{0.5} Mn _{0.5} Fe _{0.5} O ₃ <i>Materials Letters</i> , 2019 , 238, 298-300	3.3	3
99	Crystal Structure of Solid Solutions in the Sm ₂ O ₃ -LaO ₃ MO and Ln ₂ O ₃ -ErO ₃ MO Systems (Ln = Sm, Gd; M = Fe, Co). <i>Inorganic Materials</i> , 2019 , 55, 1001-1006	0.9	4
98	A Study of the Crystal Structure of SmCaCo _{1-x} FexO ₄ and Sm _{0.9} Ca _{1.1} Fe _{1-y} CoyO ₄ Solid Solutions. <i>Journal of Structural Chemistry</i> , 2019 , 60, 789-795	0.9	2
97	Phase Equilibria in the Sm ₂ O ₃ -LaO ₃ NiO and Sm ₂ O ₃ -NiO-CoO Systems. <i>Inorganic Materials</i> , 2019 , 55, 593-599	0.9	
96	Performance of the lanthanum gallate based solid oxide fuel cells with the La ₂ Ca ₁ Ni ₁ Fe ₁ O ₄ + cathodes and Sr ₂ Ni _{0.75} Mg _{0.25} MoO ₆ node. <i>Solid State Ionics</i> , 2019 , 339, 115001	3.3	6
95	Crystal structure, oxygen nonstoichiometry and thermal expansion of ordered Y ₂ Ba ₃ Fe _{3.1} Co _{1.9} O ₁₃ + <i>Materials Letters</i> , 2019 , 251, 78-80	3.3	0
94	Electrotransport in the La ₂ NiO ₄ -based solid solutions. <i>Pure and Applied Chemistry</i> , 2019 , 91, 911-922	2.1	2
93	Phase equilibria, structure, oxygen nonstoichiometry, and thermal expansion of oxides in the 1/2Y ₂ O ₃ -ErO ₃ /2Fe ₂ O ₃ system. <i>Journal of the American Ceramic Society</i> , 2019 , 102, 465-475	3.8	4
92	Topotactic synthesis, crystal structure and oxygen non-stoichiometry of ordered NdBaMnFeO ₆ - <i>Materials Research Bulletin</i> , 2019 , 113, 1-5	5.1	1
91	Structure and properties of layered perovskites Ba _{1-x} Ln _x Fe _{1-y} CoyO ₃ - (Ln = Pr, Sm, Gd). <i>Journal of Alloys and Compounds</i> , 2019 , 784, 1297-1302	5.7	7
90	Synthesis, crystal structure and properties of Nd _{1-x} AxMnO ₃ - (A = Ba, Sr and Ca) 2019 ,		1
89	Phase equilibria, structure and properties of complex oxides in the NdFeO ₃ -SrFeO ₃ -SrCoO ₃ -NdCoO ₃ system as potential cathodes for SOFCs. <i>Solid State Ionics</i> , 2018 , 316, 85-92	3.3	6
88	Oxygen transport phenomena in (La,Sr) ₂ (Ni,Fe)O ₄ materials. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 5304-5312	13	17
87	Effect of calcium and copper/iron co-doping on defect-induced properties of La ₂ NiO ₄ -based materials. <i>Journal of Alloys and Compounds</i> , 2018 , 753, 491-501	5.7	21
86	Role of Sm content to the crystal structure and properties of Sr ₁ -Sm _{1-x} FeO ₃ - <i>Journal of Solid State Chemistry</i> , 2018 , 267, 113-118	3.3	6

85	Crystal structure, oxygen nonstoichiometry and properties of novel Ruddlesden-Popper phase $\text{Sm}_{1.8}\text{Sr}_{1.2}\text{Fe}_2\text{O}_7$ — <i>Materials Letters</i> , 2018 , 213, 158-161	3-3	7
84	A-site substitution effect on crystal structure and properties of $\text{Nd}_{1-x}\text{Mn}_{0.5}\text{Fe}_{0.5}\text{O}_3$ [(A Ca, Sr, Ba; x = 0, 0.25)]. <i>Solid State Ionics</i> , 2018 , 323, 64-71	3-3	8
83	Phase equilibria, crystal structure and properties of complex oxides in the $\text{Nd}_2\text{O}_3\text{-SrO-CoO}$ system. <i>Journal of Solid State Chemistry</i> , 2017 , 248, 183-191	3-3	9
82	Phase equilibria, structure and properties of intermediate phases in the $\text{Sm}_2\text{O}_3\text{-Fe}_2\text{O}_3\text{-CoO}$ and $\text{Sm}_2\text{O}_3\text{-CaO-CoO}$ systems. <i>Journal of Alloys and Compounds</i> , 2017 , 718, 288-297	5-7	10
81	Phase equilibria, crystal structure, oxygen nonstoichiometry and thermal expansion of complex oxides in the $\text{Nd}_2\text{O}_3\text{-SrO-Fe}_2\text{O}_3$ system. <i>Journal of Solid State Chemistry</i> , 2017 , 251, 70-78	3-3	14
80	Phase Equilibria, Crystal Structure, and Properties of Intermediate Oxides in the $\text{Sm}_2\text{O}_3\text{-SrO-CoO}$ System. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 3285-3292	2-3	10
79	Phase equilibria, crystal structure at 1373 K and properties of complex oxides in the Nd-Co-Fe system. <i>Russian Journal of Inorganic Chemistry</i> , 2017 , 62, 1090-1098	1-5	4
78	Interrelation of transport properties, defect structure and spin state of Ni^{3+} in $\text{La}_{1.2}\text{Sr}_{0.8}\text{Ni}_{0.9}\text{Fe}_{0.1}\text{O}_{4+x}$ — <i>Solid State Sciences</i> , 2017 , 72, 134-143	3-4	9
77	Synthesis and characterization of the oxygen-deficient perovskite $\text{BaFe}_{0.9-x}\text{Y}_{0.1}\text{Co}_x\text{O}_{3-\delta}$ ($0 \leq x \leq 0.15$). <i>Materials Research Bulletin</i> , 2017 , 85, 90-95	5-1	3
76	Phase equilibria in the YBaFe system. <i>Journal of Alloys and Compounds</i> , 2017 , 694, 375-382	5-7	11
75	Crystal structure, oxygen nonstoichiometry, thermal expansion and conductivity of $(\text{Nd,Sr})(\text{Fe,Co})\text{O}_3$ oxides. <i>Solid State Ionics</i> , 2016 , 295, 96-103	3-3	5
74	Strontium And Iron Substituted Lanthanum Nickelate As Cathode Material In Solid Oxide Fuel Cells. <i>KnE Materials Science</i> , 2016 , 1, 64	1	2
73	Nanoscale Ordering in Oxygen Deficient Quintuple Perovskite $\text{Sm}_2\text{Ba}_3\text{Fe}_5\text{O}_{15}$ —revealed by TEM 2016 , 950-951		
72	Exceptional Layered Ordering of Cobalt and Iron in Perovskites. <i>Chemistry of Materials</i> , 2016 , 28, 2907-2916	3-1	6
71	Specific features of phase equilibriums in LnBaFe systems. <i>Russian Journal of General Chemistry</i> , 2016 , 86, 1800-1804	0-7	7
70	Homogeneity range, oxygen nonstoichiometry, thermal expansion and transport properties of $\text{La}_2\text{Sr}_x\text{Ni}_{1-x}\text{Fe}_y\text{O}_4$ — <i>RSC Advances</i> , 2016 , 6, 72905-72917	3-7	14
69	Gd- and Pr-based double perovskite cobaltites as oxygen electrodes for proton ceramic fuel cells and electrolyser cells. <i>Solid State Ionics</i> , 2015 , 278, 120-132	3-3	99
68	Quintuple perovskites $\text{Ln}_2\text{Ba}_3\text{Fe}_5\text{Co}_x\text{O}_{15}$ [(Ln = Sm, Eu): nanoscale ordering and unconventional magnetism. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 5398-5405	7-1	15

67	Synthesis, oxygen nonstoichiometry and total conductivity of (La,Sr) ₂ (Mn,Ni)O _{4±δ} . <i>Solid State Ionics</i> , 2015 , 279, 53-59	3-3	16
66	Coherent intergrowth of simple cubic and quintuple tetragonal perovskites in the system Nd ₂ Ba ₃ +(Fe,Co) ₅ O ₁₅ <i>Journal of Solid State Chemistry</i> , 2015 , 231, 36-41	3-3	19
65	Phase equilibria and thermodynamic properties of oxide systems on the basis of rare earth, alkaline earth and 3d-transition (Mn, Fe, Co) metals. A short overview of. <i>Chimica Techno Acta</i> , 2015 , 2, 273-305	1-3	7
64	Nonstoichiometry, thermal expansion and oxygen permeability of SmBaCo ₂ δ xCu _x O ₆ <i>Solid State Ionics</i> , 2014 , 260, 15-20	3-3	4
63	Tuning oxygen content and distribution by substitution at Co site in 112 YBaCo ₂ O ₅ + δ impact on transport and thermal expansion properties. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 8823-8832	13	14
62	Nanoscale Ordering in Oxygen Deficient Quintuple Perovskite Sm ₂ -Ba ₃ +Fe ₅ O ₁₅ - δ Implication for Magnetism and Oxygen Stoichiometry. <i>Chemistry of Materials</i> , 2014 , 26, 6303-6310	9.6	22
61	Crystal structure, oxygen nonstoichiometry and thermal expansion of the layered NdBaCo ₂ ± δ O ₅ + δ (M = Ni, Cu). <i>Journal of Alloys and Compounds</i> , 2014 , 590, 474-478	5-7	7
60	Phase equilibria, crystal structure and oxygen content of intermediate phases in the YBa _{1-x} Co _{1+x} O _{7-δ} system. <i>Journal of Solid State Chemistry</i> , 2013 , 202, 207-214	3-3	27
59	Preparation, crystal structure and properties of HoBaCo ₂ ± δ FexO ₅ + δ <i>Materials Research Bulletin</i> , 2013 , 48, 2040-2043	5-1	5
58	Synthesis, crystal structure and properties of SmBaCo ₂ ± δ FexO ₅ + δ <i>Journal of Solid State Chemistry</i> , 2013 , 204, 219-223	3-3	35
57	Synthesis, structure and properties of LnBa(Co,Me) ₂ O ₅ + δ (Ln = Nd, Sm, Ho and Y; Me = Fe, Ni, Cu) as potential cathodes for SOFCs. <i>Materials Research Society Symposia Proceedings</i> , 2012 , 1384, 1		1
56	Crystal structure and physicochemical properties of doped lanthanum manganites. <i>Russian Journal of Physical Chemistry A</i> , 2012 , 86, 1862-1868	0.7	5
55	Crystal structure and oxygen nonstoichiometry of the HoxSr _{1-x} CoO ₃ <i>Journal of Materials Research</i> , 2012 , 27, 2030-2034	2.5	4
54	Crystal structure and physicochemical properties of layered perovskite-like phases LnBaCo ₂ O ₅ + δ <i>Russian Journal of Physical Chemistry A</i> , 2011 , 85, 427-432	0.7	26
53	Phase equilibria and crystal structure of the complex oxides in the LnBa _{1-x} Co _{1+x} O _{7-δ} (Ln=Nd, Sm) systems. <i>Journal of Solid State Chemistry</i> , 2011 , 184, 2083-2087	3-3	16
52	Structure, nonstoichiometry and thermal expansion of the NdBa(Co,Fe) ₂ O ₅ + δ layered perovskite. <i>Solid State Ionics</i> , 2011 , 188, 53-57	3-3	30
51	Oxygen nonstoichiometry, defect structure and electrical properties of LaFe _{0.7} Ni _{0.3} O ₃ <i>Solid State Ionics</i> , 2011 , 191, 32-39	3-3	10
50	Oxygen nonstoichiometry, thermal expansion and high-temperature electrical properties of layered NdBaCo ₂ O ₅ + δ and SmBaCo ₂ O ₅ + δ <i>Materials Research Bulletin</i> , 2010 , 45, 1288-1292	5-1	48

49	p(O ₂)-stability of LaFe _{1-x} Ni _x O ₃ solid solutions at 1100°C. <i>Journal of Solid State Chemistry</i> , 2010 , 183, 1992-1997	3-3	13
48	Performance of perovskite-related oxide cathodes in contact with lanthanum silicate electrolyte. <i>Solid State Ionics</i> , 2009 , 180, 878-885	3-3	31
47	Phase equilibria and crystal structures of solid solutions in the Sr-Fe-Ni-O system at 1100°C in air. <i>Inorganic Materials</i> , 2009 , 45, 271-277	0-9	3
46	Oxygen nonstoichiometry and defect structure of perovskite-type oxides in the LaSr _{1-x} (Fe, Ni) _x O ₃ systems. <i>Solid State Sciences</i> , 2008 , 10, 438-443	3-4	13
45	Phase equilibria and crystal structure of the complex oxides in the SrFe _{1-x} Co _x O ₃ system. <i>Journal of Solid State Chemistry</i> , 2008 , 181, 1480-1484	3-3	7
44	High-temperature transport properties, thermal expansion and cathodic performance of Ni-substituted LaSr ₂ Mn ₂ O ₇ . <i>Journal of Solid State Chemistry</i> , 2008 , 181, 3024-3032	3-3	14
43	Mixed conductivity, Mössbauer spectra and thermal expansion of (La,Sr)(Fe,Ni)O ₃ perovskites. <i>Solid State Ionics</i> , 2008 , 179, 2170-2180	3-3	37
42	Phase equilibria and crystal structures of complex oxides in systems La-M-Fe-O (M = Ca or Sr). <i>Russian Journal of Inorganic Chemistry</i> , 2008 , 53, 953-958	1-5	11
41	Phase equilibria and crystal structures of phases in the La-Fe-Ni-O system at 1370 K in air. <i>Inorganic Materials</i> , 2007 , 43, 167-175	0-9	26
40	Phase equilibria and crystal structures of solid solutions in the system LaCoO ₃ SrCoO _{2.5} SrFeO ₃ LaFeO ₃ . <i>Inorganic Materials</i> , 2007 , 43, 296-300	0-9	15
39	Phase equilibria in the La ₂ O ₃ -Ga ₂ O ₃ -CoO system at 1100°C. <i>Inorganic Materials</i> , 2007 , 43, 743-746	0-9	
38	The oxygen nonstoichiometry, defect structure, and thermodynamic characteristics of disordering of nickel- and iron-substituted lanthanum cobaltites. <i>Russian Journal of Physical Chemistry A</i> , 2007 , 81, 1950-1955	0-7	3
37	Phase equilibria and crystal structure of the solid solution LaFe _{1-x} Ni _x O ₃ (0 ≤ x ≤ 1). <i>Progress in Solid State Chemistry</i> , 2007 , 35, 233-239	8	14
36	Synthesis, structure and oxygen nonstoichiometry of La _{0.4} Sr _{0.6} Co _{1-x} Fe _x O ₃ . <i>Progress in Solid State Chemistry</i> , 2007 , 35, 175-182	8	12
35	Defect equilibria and partial molar properties of (La,Sr)(Co,Fe)O ₃ . <i>Solid State Ionics</i> , 2006 , 177, 3109-3115.	3-3	49
34	Thermodynamic properties of complex oxides in the LaNi ₂ O ₇ system. <i>Journal of Solid State Chemistry</i> , 2006 , 179, 2721-2727	3-3	55
33	Thermochemical characteristics of La _{n+1} Ni _n O _{3n+1} oxides. <i>Thermochimica Acta</i> , 2006 , 451, 22-26	2-9	13
32	The thermodynamic parameters of oxygen nonstoichiometry defects in lanthanum cobaltite doped with acceptor impurities (Sr and Ni). <i>Russian Journal of Physical Chemistry A</i> , 2006 , 80, 1215-1220	0-7	4

31	The thermodynamic characteristics of point defects and the mechanism of charge transfer in lanthanum cobaltite doped with strontium and nickel. <i>Russian Journal of Physical Chemistry A</i> , 2006 , 80, S134-S139	0.7	1
30	Thermodynamics, defect structure, and charge transfer in doped lanthanum cobaltites: an overview. <i>Journal of Solid State Electrochemistry</i> , 2006 , 10, 517-537	2.6	60
29	Phase Equilibria and Crystal Structures of Mixed Oxides in the La-Mn-Ni-O System. <i>Inorganic Materials</i> , 2005 , 41, 736-742	0.9	7
28	Phase Equilibria and Structure of Solid Solutions in the La-Co-Fe-O System at 1100°C. <i>Inorganic Materials</i> , 2004 , 40, 955-959	0.9	17
27	Phase equilibria at 1100°C in air and crystal structure of solid solutions in the system LaCoO ₃ BrCoO _{2.5} BrNiO ₃ LaNiO ₃ . <i>Inorganic Materials</i> , 2004 , 40, 1336-1340	0.9	5
26	Phase Equilibria and Crystal Structure of Complex Oxides in the La-Br-Co-Ni-O System. <i>Journal of Structural Chemistry</i> , 2003 , 44, 248-251	0.9	8
25	Oxygen Non-stoichiometry and Modeling of Defect Structure of La _{1-x} M _x CoO ₃ (M = Ca, Sr, Ba). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002 , 628, 2140-2140	1.3	3
24	Crystal Structure of Solid Solutions and Phase Relations in the La-Co-Fe-O System. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002 , 628, 2164-2164	1.3	2
23	Thermodynamical Stability of the Nickel-Lanthanum Complex Oxides. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002 , 628, 2180-2180	1.3	6
22	The crystal structure and homogeneity range of the solid solutions in La-Br-Co-Ni-O system. <i>Journal of Alloys and Compounds</i> , 2002 , 344, 128-131	5.7	4
21	Neutron diffraction, synchrotron radiation and EXAFS spectroscopy study of crystal structure peculiarities of the lanthanum nickelates La _{n+1} Ni _n O _y (n=1,2,3). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 470, 202-209	1.2	31
20	Phase Equilibria in the LaCoO ₃ LaMnO ₃ BaCoO _z BaMnO ₃ System. <i>Journal of Solid State Chemistry</i> , 2000 , 153, 205-211	3.3	29
19	Ferro-and antiferromagnetic ordering in LaMnO ₃ +x. <i>Physics of the Solid State</i> , 1999 , 41, 91-96	0.8	15
18	Magnetoresistance and Hall effect in La _{0.8} Sr _{0.2} MnO ₃ . <i>Journal of Experimental and Theoretical Physics</i> , 1999 , 89, 358-365	1	13
17	Phase equilibria in the La-Ba-Co-O system. <i>Materials Research Bulletin</i> , 1999 , 34, 983-988	5.1	20
16	Phase equilibria in the LaCoO ₃ LaMnO ₃ BrCoO _{2.5} BrMnO ₃ system. <i>Materials Research Bulletin</i> , 1999 , 34, 1481-1489	5.1	5
15	Phase equilibria in the La-Me-Co-O (Me=Ca, Sr, Ba) systems. <i>Ionics</i> , 1998 , 4, 309-315	2.7	31
14	Magnetic state of compounds La _{1-x} Ba _x Co _{1-y} Mn _y O ₃ . <i>Physica B: Condensed Matter</i> , 1997 , 234-236, 710-712.8	12	

13	Phase Equilibria in the La-Sr-Mn-O System. <i>Journal of Solid State Chemistry</i> , 1997 , 134, 38-44	3-3	37
12	Crystal structure, electrical and magnetic properties of $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$. <i>Solid State Ionics</i> , 1995 , 80, 189-199	3-3	259
11	Phase Equilibria in the La-Sr-Co-O System and Thermodynamic Stability of the Single Phases. <i>ECS Proceedings Volumes</i> , 1995 , 1995-1, 434-443		6
10	Oxygen Nonstoichiometry and Crystal and Defect Structure of PrMnO_{3+y} and NdMnO_{3+y} . <i>Journal of Solid State Chemistry</i> , 1995 , 118, 53-61	3-3	55
9	Phase equilibria in the Ln-Mn-O system (Ln = Pr, Nd) and general aspects of the stability of the perovskite phase LnMeO_3 . <i>Journal of Physics and Chemistry of Solids</i> , 1994 , 55, 229-235	3-9	30
8	The phase diagram of the bismuth-calcium oxide system. <i>Materials Research Bulletin</i> , 1994 , 29, 1233-1238	3-1	12
7	The Bi_2O_3 -SrO phase diagram. <i>Journal of Phase Equilibria and Diffusion</i> , 1994 , 15, 573-576		9
6	Synthesis, crystal structures and thermal decomposition studies of a series of copper-lanthanoid complexes of 6-methyl-2-pyridone. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994 , 2719-2727		25
5	Phase diagram of the Bi-Sr-Cu-O system. <i>Journal of Materials Chemistry</i> , 1994 , 4, 1871-1873		2
4	Oxygen nonstoichiometry of lanthanum strontium cuprates $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>Journal of Physics and Chemistry of Solids</i> , 1991 , 52, 841-844	3-9	4
3	Oxygen nonstoichiometry of $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$. <i>Journal of Solid State Chemistry</i> , 1990 , 87, 69-76	3-3	66
2	Thermodynamic stability of ternary oxides in $\text{Ln}_2\text{M}_2\text{O}$ (Ln = La, Pr, Nd; M = Co, Ni, Cu) systems. <i>Journal of Solid State Chemistry</i> , 1988 , 77, 1-14	3-3	80
1	Defect Equilibria in Solids and Related Properties: An Introduction		43-78 3