

Vladimir A Cherepanov

List of Publications by Year in descending order

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125
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#	ARTICLE	IF	CITATIONS
1	Subsolidus phase diagram for the $\text{Y}_2\text{O}_3\text{-Fe}_2\text{O}_3\text{-CoO}$ system and stability boundary of $\text{YFe}_{1-x}\text{Co}_x\text{O}_3$. Journal of Solid State Chemistry, 2022, 309, 123009.	1.4	2
2	Evaluation of $\text{La}_2\text{-(Ca/Sr)Ni}_1\text{-FeO}_{4+\delta}$ ($x\hat{A}=0.5, 0.6; y\hat{A}=0.4, 0.5$) as cathodes for proton-conducting SOFC based on lanthanum tungstate. Electrochimica Acta, 2022, 421, 140479.	2.6	5
3	Phase equilibria and stability of intermediate phases in the $\text{Sm}_{2-x}\text{O}_{3-x}\text{-BaO-Fe}_2\text{O}_3$ system. Journal of the American Ceramic Society, 2021, 104, 2410-2417.	1.9	3
4	Influence of A- and B-site substitutions on crystal structure and oxygen content in air-prepared $\text{Ba}_{1-x}\text{Pr}_x\text{Fe}_{1-x}\text{CoO}_{3+\delta}$ perovskites. Journal of Alloys and Compounds, 2021, 860, 158438.	2.8	10
5	Phase equilibria in the $\text{YFeO}_3\text{-Y}_2\text{O}_3$ system in air. Chimica Techno Acta, 2021, 8, 20218108.	0.3	1
6	Hydration effect on properties of the $\text{La}_2\text{-A Ni}_1\text{-FeO}_{4+\delta}$ (A=Ca, Sr) cathode materials for H ⁺ -SOFCs. Journal of Alloys and Compounds, 2021, 860, 158452.	2.8	6
7	Phase equilibria and oxygen content of intermediate phases in the $\text{Sm}_2\text{O}_3\text{-SrO-Fe}_2\text{O}_3$ system. Journal of the European Ceramic Society, 2021, 41, 4199-4205.	2.8	2
8	Effect of cobalt content on the properties of quintuple perovskites $\text{Sm}_2\text{Ba}_3\text{Fe}_5\text{-CoO}_{15-\delta}$. Journal of Solid State Chemistry, 2021, 301, 122324.	1.4	1
9	Enhancement of oxygen permeation flux through the $\text{La}_{1.5}\text{Sr}_{0.5}\text{Ni-MnO}_{4+\delta}$ ceramic membranes by manganese doping. Journal of the European Ceramic Society, 2021, , .	2.8	1
10	Oxygen content in oxides and subsolidus phase diagram of the $\text{Gd}_2\text{O}_3\text{-SrO-Fe}_2\text{O}_3\text{-CoO}$ system. Journal of Alloys and Compounds, 2021, 883, 160794.	2.8	3
11	$\text{Gd}_2\text{O}_3\text{-SrO-Fe}_2\text{O}_3$ system: The phase diagram and oxygen content in oxides. Materials Today Communications, 2021, 29, 102885.	0.9	4
12	Synthesis, structure, optical and magnetic properties of $\text{Nd}_{1-x}\text{AxMn}_{0.5}\text{Co}_{0.5}\text{O}_{3+\delta}$ (A = Ba, Sr and Ca; x =) Tj ETQoO 0 0 rgBT /Overlo	2.3	12
13	Optical, magnetic and magneto-transport properties of $\text{Nd}_{1-x}\text{Mn}_{0.5}\text{Fe}_{0.5}\text{O}_{3+\delta}$ (A=Ca, Sr, Ba; x=0, 0.25). Journal of Alloys and Compounds, 2020, 847, 156297.	2.8	21
14	Crystal structure, oxygen content and conductivity of $\text{Sr}_{1-x}\text{Gd}_x\text{CoO}_{3+\delta}$. Solid State Sciences, 2020, 110, 106453.	1.5	3
15	Crystal Structure of Complex Oxides in the $\text{Nd}_2\text{O}_3\text{-MO-Fe}_2\text{O}_3$ (M = Ca, Sr) Systems. Inorganic Materials, 2020, 56, 42-46.	0.2	1
16	Crystal Structure of the New Ordered Phases Based on $\text{Y}_2\text{Ba}_3\text{Fe}_3\text{Co}_2\text{O}_{13+\delta}$. Inorganic Materials, 2020, 56, 72-76.	0.2	0
17	Conductivity and stability of ceramic $\text{Sr}_{1-x}\text{Y}_x\text{FeO}_{3+\delta}$ solid solutions. Ceramics International, 2020, 46, 24718-24722.	2.3	3
18	Correlation between oxygen surface exchange rate and surface structure in the $\text{La}_{1.5}\text{Sr}_{0.5}\text{Ni-CoO}_{4+\delta}$ ceramic membranes. Ceramics International, 2020, 46, 17553-17560.	2.3	5

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19	Phase Equilibria and Structure of Complex Oxides in the $1/2 \text{Nd}_2\text{O}_3\text{-CaO-CoO}$ System in Air at 1373 K. Russian Journal of Physical Chemistry A, 2020, 94, 2495-2501.	0.1	2
20	The Effect of Cobalt Doping on Physicochemical Properties of $\text{La}_{1.5}\text{Sr}_{0.5}\text{Ni}_{1-y}\text{Co}_y\text{O}_{4+d}$. Russian Journal of Physical Chemistry A, 2020, 94, 2474-2481.	0.1	2
21	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. Russian Journal of Physical Chemistry A, 2020, 94, 2522-2526.	0.1	1
22	100 Years of Physical and Chemical Studies by Ural Federal University. Russian Journal of Physical Chemistry A, 2020, 94, 2397-2398.	0.1	0
23	Phase equilibria, structure, oxygen nonstoichiometry, and thermal expansion of oxides in the $1/2\text{Y}_2\text{O}_3\text{-SrO}-1/2\text{Fe}_2\text{O}_3$ system. Journal of the American Ceramic Society, 2019, 102, 465-475.	1.9	5
24	High-temperature studies on crystal structure, properties and electrochemical performance of $\text{Nd}_{0.5}\text{Ba}_{0.5}\text{Mn}_{0.5}\text{Fe}_{0.5}\text{O}_{3+\delta}$. Materials Letters, 2019, 238, 298-300.	1.3	3
25	Crystal Structure of Solid Solutions in the $\text{Sm}_2\text{O}_3\text{-CaO-MO}$ and $\text{Ln}_2\text{O}_3\text{-SrO-MO}$ Systems (Ln = Tj, Y, Er, Ho, Dy, Tb, Gd, Sm, Eu, Ce, Pr, Nd, La). Journal of Structural Chemistry, 2019, 60, 789-795.	0.2	5
26	A Study of the Crystal Structure of $\text{SmCaCo}_{1-x}\text{Fe}_x\text{O}_4$ and $\text{Sm}_{0.9}\text{Ca}_{1.1}\text{Fe}_{1-y}\text{Co}_y\text{O}_4$ Solid Solutions. Journal of Structural Chemistry, 2019, 60, 789-795.	0.3	2
27	Phase Equilibria in the $\text{Sm}_2\text{O}_3\text{-CaO-NiO}$ and $\text{Sm}_2\text{O}_3\text{-NiO-CoO}$ Systems. Inorganic Materials, 2019, 55, 593-599.	0.2	1
28	Performance of the lanthanum gallate based solid oxide fuel cells with the $\text{La}_{2-x}\text{Ca}_x\text{Ni}_{1-y}\text{Fe}_y\text{O}_{4+\delta}$ cathodes and $\text{Sr}_2\text{Ni}_{0.75}\text{Mg}_{0.25}\text{MoO}_6$ anode. Solid State Ionics, 2019, 339, 115001.	1.3	8
29	Crystal structure, oxygen nonstoichiometry and thermal expansion of ordered $\text{Y}_2\text{Ba}_3\text{Fe}_{3.1}\text{Co}_{1.9}\text{O}_{13+\delta}$. Materials Letters, 2019, 251, 78-80.	1.3	1
30	Electrotransport in the La_2NiO_4 -based solid solutions. Pure and Applied Chemistry, 2019, 91, 911-922.	0.9	7
31	Topotactic synthesis, crystal structure and oxygen non-stoichiometry of ordered NdBaMnFeO_6 . Materials Research Bulletin, 2019, 113, 1-5.	2.7	2
32	Structure and properties of layered perovskites $\text{Ba}_{1-x}\text{Ln}_x\text{Fe}_{1-x}\text{Co}_x\text{O}_3$ ($\text{Ln} = \text{Pr, Sm, Gd}$). Journal of Alloys and Compounds, 2019, 784, 1297-1302.	2.8	12
33	Synthesis, crystal structure and properties of $\text{Nd}_{1-x}\text{A}_x\text{MnO}_3$ (A = Ba, Sr and Ca). AIP Conference Proceedings, 2019, , .	0.3	1
34	Investigations into the structure of $\text{La}_3\text{Ni}_2\text{Fe}_x\text{O}_7$. Chimica Techno Acta, 2019, 6, 51-71.	0.3	2
35	Phase equilibria, structure and properties of complex oxides in the $\text{NdFeO}_3\text{-SrFeO}_3\text{-SrCoO}_3$ system as potential cathodes for SOFCs. Solid State Ionics, 2018, 316, 85-92.	1.3	11
36	Oxygen transport phenomena in $(\text{La,Sr})_2(\text{Ni,Fe})\text{O}_4$ materials. Journal of Materials Chemistry A, 2018, 6, 5304-5312.	5.2	26

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37	Crystal structure, oxygen nonstoichiometry and properties of novel Ruddlesden-Popper phase $\text{Sm}_{1.8}\text{Sr}_{1.2}\text{Fe}_2\text{O}_{7-\delta}$. <i>Materials Letters</i> , 2018, 213, 158-161.	1.3	10
38	A-site substitution effect on crystal structure and properties of $\text{Nd}_{1-x}\text{A}_x\text{Mn}_{0.5}\text{Fe}_{0.5}\text{O}_{3-\delta}$ (A Ca, Sr, Ba). <i>Journal of Solid State Chemistry</i> , 2018, 267, 113-118.	1.3	10
39	Effect of calcium and copper/iron co-doping on defect-induced properties of La_2NiO_4 -based materials. <i>Journal of Alloys and Compounds</i> , 2018, 753, 491-501.	2.8	31
40	Role of Sm content to the crystal structure and properties of $\text{Sr}_{1-x}\text{Sm}_x\text{FeO}_{3-\delta}$. <i>Journal of Solid State Chemistry</i> , 2018, 267, 113-118.	1.4	7
41	Bulk Oxygen Diffusion and Surface Exchange Limitations in $\text{La}_{2-x}\text{Sr}_x\text{Ni}_{1-y}\text{Fe}_y\text{O}_{4+\delta}$. <i>KnE Materials Science</i> , 2018, 4, 24.	0.1	2
42	Synthesis, Crystal Structure, and Properties of $\text{NdNi}_{0.5}\text{Mn}_{0.5}\text{O}_{3-\delta}$. <i>KnE Materials Science</i> , 2018, 4, 123.	0.1	1
43	Crystal structure and properties of novel oxide $\text{Sm}_{0.9}\text{Ca}_{1.1}\text{Fe}_{0.7}\text{Co}_{0.3}\text{O}_{4-\delta}$. <i>Chimica Techno Acta</i> , 2018, 5, 159-165.	0.3	1
44	Phase equilibria, crystal structure and properties of complex oxides in the Nd_2O_3 - SrO - CoO system. <i>Journal of Solid State Chemistry</i> , 2017, 248, 183-191.	1.4	11
45	Phase equilibria, structure and properties of intermediate phases in the Sm_2O_3 - Fe_2O_3 - CoO and Sm_2O_3 - CaO - CoO systems. <i>Journal of Alloys and Compounds</i> , 2017, 718, 288-297.	2.8	15
46	Phase equilibria, crystal structure, oxygen nonstoichiometry and thermal expansion of complex oxides in the Nd_2O_3 - SrO - Fe_2O_3 system. <i>Journal of Solid State Chemistry</i> , 2017, 251, 70-78.	1.4	21
47	Phase Equilibria, Crystal Structure, and Properties of Intermediate Oxides in the Sm_2O_3 - SrO - CoO System. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3285-3292.	1.0	13
48	Phase equilibria, crystal structure at 1373 K and properties of complex oxides in the Nd - Co - Fe - O system. <i>Russian Journal of Inorganic Chemistry</i> , 2017, 62, 1090-1098.	0.3	8
49	Interrelation of transport properties, defect structure and spin state of Ni^{3+} in $\text{La}_{1.2}\text{Sr}_{0.8}\text{Ni}_{0.9}\text{Fe}_{0.1}\text{O}_{4+\delta}$. <i>Solid State Sciences</i> , 2017, 72, 134-143.	1.5	13
50	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.	2.7	3
51	Phase equilibria in the Y - Ba - Fe - O system. <i>Journal of Alloys and Compounds</i> , 2017, 694, 375-382.	2.8	15
52	Exceptional Layered Ordering of Cobalt and Iron in Perovskites. <i>Chemistry of Materials</i> , 2016, 28, 2907-2911.	3.2	9
53	Specific features of phase equilibria in Ln - Ba - Fe - O systems. <i>Russian Journal of General Chemistry</i> , 2016, 86, 1800-1804.	0.3	13
54	Homogeneity range, oxygen nonstoichiometry, thermal expansion and transport properties of $\text{La}_{2-x}\text{Sr}_x\text{Ni}_{1-y}\text{Fe}_y\text{O}_{4+\delta}$. <i>RSC Advances</i> , 2016, 6, 72905-72917.	1.7	26

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55	Crystal structure, oxygen nonstoichiometry, thermal expansion and conductivity of (Nd,Sr)(Fe,Co)O _{3±δ} oxides. Solid State Ionics, 2016, 295, 96-103.	1.3	8
56	Strontium And Iron Substituted Lanthanum Nickelate As Cathode Material In Solid Oxide Fuel Cells. KnE Materials Science, 2016, 1, 64.	0.1	3
57	Gd- and Pr-based double perovskite cobaltites as oxygen electrodes for proton ceramic fuel cells and electrolyser cells. Solid State Ionics, 2015, 278, 120-132.	1.3	136
58	Quintuple perovskites Ln ₂ Ba ₃ Fe ₅ xCo _x O _{15±δ} (Ln = Sm, Eu): nanoscale ordering and unconventional magnetism. Journal of Materials Chemistry C, 2015, 3, 5398-5405.	2.7	20
59	Synthesis, oxygen nonstoichiometry and total conductivity of (La,Sr) ₂ (Mn,Ni)O _{4±δ} . Solid State Ionics, 2015, 279, 53-59.	1.3	22
60	Coherent intergrowth of simple cubic and quintuple tetragonal perovskites in the system Nd ₂ Ba ₃ (Fe,Co) ₅ O _{15±δ} . Journal of Solid State Chemistry, 2015, 231, 36-41.	1.4	26
61	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. Chimica Techno Acta, 2015, 2, 273-305.	0.3	9
62	Crystal structure and oxygen non-stoichiometry of oxides in the Ba-Me-Me'-Y-O (Me, Me'=Co, Fe) system. Chimica Techno Acta, 2015, 2, 139-146.	0.3	1
63	Crystal structure, oxygen nonstoichiometry and thermal expansion of the layered NdBaCo ₂ xδxO _{5+δ} (M=Ni, Cu). Journal of Alloys and Compounds, 2014, 590, 474-478.	2.8	8
64	Nonstoichiometry, thermal expansion and oxygen permeability of SmBaCo ₂ xδxO _{6±δ} . Solid State Ionics, 2014, 260, 15-20.	1.3	6
65	Tuning oxygen content and distribution by substitution at Co site in 112 YBaCo ₂ O _{5+δ} : impact on transport and thermal expansion properties. Journal of Materials Chemistry A, 2014, 2, 8823-8832.	5.2	16
66	Nanoscale Ordering in Oxygen Deficient Quintuple Perovskite Sm ₂ μBa ₃ μFe ₅ O _{15±δ} : Implication for Magnetism and Oxygen Stoichiometry. Chemistry of Materials, 2014, 26, 6303-6310.	3.2	29
67	Phase equilibria, crystal structure and oxygen content of intermediate phases in the YδBaδCoδO system. Journal of Solid State Chemistry, 2013, 202, 207-214.	1.4	33
68	Preparation, crystal structure and properties of HoBaCo ₂ xδxO _{5+δ} . Materials Research Bulletin, 2013, 48, 2040-2043.	2.7	5
69	Synthesis, crystal structure and properties of SmBaCo ₂ xδxO _{5+δ} . Journal of Solid State Chemistry, 2013, 204, 219-223.	1.4	40
70	Crystal structure and oxygen nonstoichiometry of the Ho _x Sr _{1-x} CoO _{3±δ} . Journal of Materials Research, 2012, 27, 2030-2034.	1.2	4
71	Synthesis, structure and properties of LnBa(Co,Me) ₂ O _{5+δ} (Ln = Nd, Sm, Ho and) Tj ETQq1 1 0.784314 rgB (2012, 1384, 1.	0.1	3
72	Crystal structure and physicochemical properties of doped lanthanum manganites. Russian Journal of Physical Chemistry A, 2012, 86, 1862-1868.	0.1	6

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73	Crystal structure and physicochemical properties of layered perovskite-like phases $\text{LnBaCo}_2\text{O}_5 + \delta$. Russian Journal of Physical Chemistry A, 2011, 85, 427-432.	0.1	30
74	Phase equilibria and crystal structure of the complex oxides in the $\text{Ln}^{2+}\text{Ba}^{2+}\text{Co}^{2+}\text{O}$ ($\text{Ln}=\text{Nd}, \text{Sm}$) systems. Journal of Solid State Chemistry, 2011, 184, 2083-2087.	1.4	20
75	Structure, nonstoichiometry and thermal expansion of the $\text{NdBa}(\text{Co},\text{Fe})_2\text{O}_5+\delta$ layered perovskite. Solid State Ionics, 2011, 188, 53-57.	1.3	39
76	Oxygen nonstoichiometry, defect structure and electrical properties of $\text{LaFe}_{0.7}\text{Ni}_{0.3}\text{O}_{3+\delta}$. Solid State Ionics, 2011, 191, 32-39.	1.3	10
77	Oxygen nonstoichiometry, thermal expansion and high-temperature electrical properties of layered $\text{NdBaCo}_2\text{O}_5+\delta$ and $\text{SmBaCo}_2\text{O}_5+\delta$. Materials Research Bulletin, 2010, 45, 1288-1292.	2.7	57
78	p(O ₂)-stability of $\text{LaFe}_{1-x}\text{Ni}_x\text{O}_{3+\delta}$ solid solutions at 1100°C. Journal of Solid State Chemistry, 2010, 183, 1992-1997.	1.4	13
79	Performance of perovskite-related oxide cathodes in contact with lanthanum silicate electrolyte. Solid State Ionics, 2009, 180, 878-885.	1.3	32
80	Phase equilibria and crystal structures of solid solutions in the Sr-Fe-Ni-O system at 1100°C in air. Inorganic Materials, 2009, 45, 271-277.	0.2	4
81	Phase equilibria and crystal structure of the complex oxides in the $\text{Sr}^{2+}\text{Fe}^{2+}\text{Co}^{2+}\text{O}$ system. Journal of Solid State Chemistry, 2008, 181, 1480-1484.	1.4	10
82	High-temperature transport properties, thermal expansion and cathodic performance of Ni-substituted $\text{LaSr}_2\text{Mn}_2\text{O}_7+\delta$. Journal of Solid State Chemistry, 2008, 181, 3024-3032.	1.4	15
83	Mixed conductivity, Mössbauer spectra and thermal expansion of $(\text{La},\text{Sr})(\text{Fe},\text{Ni})\text{O}_{3+\delta}$ perovskites. Solid State Ionics, 2008, 179, 2170-2180.	1.3	41
84	Phase equilibria and crystal structures of complex oxides in systems La-M-Fe-O (M = Ca or Sr). Russian Journal of Inorganic Chemistry, 2008, 53, 953-958.	0.3	13
85	Oxygen nonstoichiometry and defect structure of perovskite-type oxides in the $\text{La}^{2+}\text{Sr}^{2+}\text{Co}^{2+}(\text{Fe}, \text{Ni})\text{O}$ systems. Solid State Sciences, 2008, 10, 438-443.	1.5	13
86	Phase equilibria and crystal structure of the solid solution $\text{LaFe}_{1-x}\text{Ni}_x\text{O}_{3+\delta}$ ($0 \leq x \leq 1$). Progress in Solid State Chemistry, 2007, 35, 233-239.	3.9	16
87	Synthesis, structure and oxygen nonstoichiometry of $\text{La}_{0.4}\text{Sr}_{0.6}\text{Co}_{1-y}\text{Fe}_y\text{O}_{3+\delta}$. Progress in Solid State Chemistry, 2007, 35, 175-182.	3.9	12
88	Phase equilibria and crystal structures of phases in the La-Fe-Ni-O system at 1370 K in air. Inorganic Materials, 2007, 43, 167-175.	0.2	30
89	Phase equilibria and crystal structures of solid solutions in the system $\text{LaCoO}_{3+\delta}$ - $\text{SrCoO}_{2.5+\delta}$ - $\text{SrFeO}_{3+\delta}$ - $\text{LaFeO}_{3+\delta}$. Inorganic Materials, 2007, 43, 296-300.	0.2	17
90	Phase equilibria in the La_2O_3 - Ga_2O_3 - CoO system at 1100°C. Inorganic Materials, 2007, 43, 743-746.	0.2	0

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91	The oxygen nonstoichiometry, defect structure, and thermodynamic characteristics of disordering of nickel- and iron-substituted lanthanum cobaltites. Russian Journal of Physical Chemistry A, 2007, 81, 1950-1955.	0.1	4
92	Thermochemical characteristics of $\text{La}_{n+1}\text{Ni}_n\text{O}_{3n+1}$ oxides. Thermochimica Acta, 2006, 451, 22-26.	1.2	17
93	The thermodynamic parameters of oxygen nonstoichiometry defects in lanthanum cobaltite doped with acceptor impurities (Sr and Ni). Russian Journal of Physical Chemistry A, 2006, 80, 1215-1220.	0.1	4
94	The thermodynamic characteristics of point defects and the mechanism of charge transfer in lanthanum cobaltite doped with strontium and nickel. Russian Journal of Physical Chemistry A, 2006, 80, S134-S139.	0.1	1
95	Thermodynamics, defect structure, and charge transfer in doped lanthanum cobaltites: an overview. Journal of Solid State Electrochemistry, 2006, 10, 517-537.	1.2	69
96	Defect equilibria and partial molar properties of $(\text{La,Sr})(\text{Co,Fe})\text{O}_{3+\delta}$. Solid State Ionics, 2006, 177, 3109-3115.	1.3	57
97	Thermodynamic properties of complex oxides in the La-Ni-O system. Journal of Solid State Chemistry, 2006, 179, 2721-2727.	1.4	62
98	Phase Equilibria and Crystal Structures of Mixed Oxides in the La-Mn-Ni-O System. Inorganic Materials, 2005, 41, 736-742.	0.2	8
99	Phase Equilibria and Structure of Solid Solutions in the La-Co-Fe-O System at 1100°C . Inorganic Materials, 2004, 40, 955-959.	0.2	18
100	Phase equilibria at $1100 \pm 1/2^\circ\text{C}$ in air and crystal structure of solid solutions in the system $\text{LaCoO}_3\text{-SrCoO}_{2.5}\text{-SrNiO}_3\text{-LaNiO}_3$. Inorganic Materials, 2004, 40, 1336-1340.	0.2	8
101	Phase Equilibria and Crystal Structure of Complex Oxides in the La-Sr-Co-Ni-O System. Journal of Structural Chemistry, 2003, 44, 248-251.	0.3	10
102	The crystal structure and homogeneity range of the solid solutions in La-Sr-Co-Ni-O system. Journal of Alloys and Compounds, 2002, 344, 128-131.	2.8	5
103	Neutron diffraction, synchrotron radiation and EXAFS spectroscopy study of crystal structure peculiarities of the lanthanum nickelates $\text{La}_{n+1}\text{Ni}_n\text{O}_y$ ($n=1,2,3$). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 470, 202-209.	0.7	37
104	Phase Equilibria in the $\text{LaCoO}_3\text{-LaMnO}_3\text{-BaCoO}_z\text{-BaMnO}_3$ System. Journal of Solid State Chemistry, 2000, 153, 205-211.	1.4	32
105	Ferro- and antiferromagnetic ordering in LaMnO_3 . Physics of the Solid State, 1999, 41, 91-96.	0.2	16
106	Magnetoresistance and Hall effect in $\text{La}_{0.8}\text{Sr}_{0.2}\text{MnO}_3$. Journal of Experimental and Theoretical Physics, 1999, 89, 358-365.	0.2	13
107	Phase equilibria in the La-Ba-Co-O system. Materials Research Bulletin, 1999, 34, 983-988.	2.7	21
108	Phase equilibria in the $\text{LaCoO}_3\text{-LaMnO}_3\text{-SrCoO}_{2.5}\text{-SrMnO}_3$ system. Materials Research Bulletin, 1999, 34, 1481-1489.	2.7	7

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109	Phase equilibria in the La-Me-Co-O (Me=Ca, Sr, Ba) systems. Ionics, 1998, 4, 309-315.	1.2	34
110	Oxygen Nonstoichiometry of Barium-Substituted Lanthanum Cobaltate. ECS Proceedings Volumes, 1997, 1997-40, 897-906.	0.1	0
111	Magnetic state of compounds $\text{La}_{1-x}\text{Ba}_x\text{Co}_{1-y}\text{Mn}_y\text{O}_3$. Physica B: Condensed Matter, 1997, 234-236, 710-712.	1.3	12
112	Phase Equilibria in the La-Sr-Mn-O System. Journal of Solid State Chemistry, 1997, 134, 38-44.	1.4	44
113	Oxygen Nonstoichiometry and Crystal and Defect Structure of PrMnO_{3+y} and NdMnO_{3+y} . Journal of Solid State Chemistry, 1995, 118, 53-61.	1.4	66
114	Crystal structure, electrical and magnetic properties of $\text{La}_{1-x}\text{Sr}_x\text{CoO}_{3-y}$. Solid State Ionics, 1995, 80, 189-199.	1.3	297
115	Phase Equilibria in the La-Sr-Co-O System and Thermodynamic Stability of the Single Phases. ECS Proceedings Volumes, 1995, 1995-1, 434-443.	0.1	9
116	Phase equilibria in the Ln-Mn-O system (Ln = Pr, Nd) and general aspects of the stability of the perovskite phase LnMeO_3 . Journal of Physics and Chemistry of Solids, 1994, 55, 229-235.	1.9	32
117	The phase diagram of the bismuth-calcium oxide system. Materials Research Bulletin, 1994, 29, 1233-1238.	2.7	13
118	The Bi_2O_3 -SrO phase diagram. Journal of Phase Equilibria and Diffusion, 1994, 15, 573-576.	0.3	9
119	Synthesis, crystal structures and thermal decomposition studies of a series of copper-lanthanoid complexes of 6-methyl-2-pyridone. Journal of the Chemical Society Dalton Transactions, 1994, , 2719-2727.	1.1	28
120	Phase diagram of the Bi-Sr-Cu-O system. Journal of Materials Chemistry, 1994, 4, 1871-1873.	6.7	2
121	Oxygen nonstoichiometry of lanthanum strontium cuprates $\text{La}_{2-x}\text{Sr}_x\text{CuO}_{4-y}$. Journal of Physics and Chemistry of Solids, 1991, 52, 841-844.	1.9	5
122	Oxygen nonstoichiometry of $\text{La}_{1-x}\text{Sr}_x\text{CoO}_{3-y}$ ($0 < x \leq 0.6$). Journal of Solid State Chemistry, 1990, 87, 69-76.	1.4	81
123	Thermodynamic stability of ternary oxides in $\text{Ln}_2\text{M}_2\text{O}_7$ (Ln = La, Pr, Nd; M = Co, Ni, Cu) systems. Journal of Solid State Chemistry, 1988, 77, 1-14.	1.4	82
124	Defect Equilibria in Solids and Related Properties: An Introduction. , 0, , 43-78.		3
125	Phase equilibria in the Nd_2O_3 - BaO - Fe_2O_3 system. Crystal structure, oxygen content and properties of intermediate oxides. Journal of the American Ceramic Society, 0, , .	1.9	2