

Nadezhda E Volkova

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis, crystal structure and properties of $\text{SmBaCo}_{2-x}\text{Fe}_x\text{O}_{5+\delta}$. Journal of Solid State Chemistry, 2013, 204, 219-223.	2.9	40
2	Nanoscale Ordering in Oxygen Deficient Quintuple Perovskite $\text{Sm}_{2-2\mu}\text{Ba}_{3+\mu}\text{Fe}_5\text{O}_{15-\delta}$: Implication for Magnetism and Oxygen Stoichiometry. Chemistry of Materials, 2014, 26, 6303-6310.	6.7	29
3	Coherent intergrowth of simple cubic and quintuple tetragonal perovskites in the system $\text{Nd}_2\text{Ba}_3(\text{Fe},\text{Co})_5\text{O}_{15}$. Journal of Solid State Chemistry, 2015, 231, 36-41.	2.9	26
4	Phase equilibria and crystal structure of the complex oxides in the LnBaCoO ($\text{Ln}=\text{Nd}, \text{Sm}$) systems. Journal of Solid State Chemistry, 2011, 184, 2083-2087.	2.9	20
5	Quintuple perovskites $\text{Ln}_2\text{Ba}_3\text{Fe}_5\text{Co}_x\text{O}_{15}$ ($\text{Ln} = \text{Sm}, \text{Eu}$): nanoscale ordering and unconventional magnetism. Journal of Materials Chemistry C, 2015, 3, 5398-5405.	5.5	20
6	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 $\text{Sm}_2\text{O}_3-\text{CaO}-\text{CoO}$ systems. Journal of Alloys and Compounds, 2017, 718, 288-297.	5.5	15
7	Specific features of phase equilibriums in LnBaFeO systems. Russian Journal of General Chemistry, 2016, 86, 1800-1804.	0.8	13
8	Phase Equilibria, Crystal Structure, and Properties of Intermediate Oxides in the $\text{Sm}_2\text{O}_3-\text{SrO}-\text{CoO}$ System. European Journal of Inorganic Chemistry, 2017, 2017, 3285-3292.	2.0	13
9	Structure and properties of layered perovskites $\text{Ba}_1\text{LnFe}_1\text{CoO}_3$ ($\text{Ln}=\text{Pr}, \text{Sm}, \text{Gd}$). Journal of Alloys and Compounds, 2019, 784, 1297-1302.	5.5	12
10	Crystal structure, oxygen nonstoichiometry and properties of novel Ruddlesden-Popper phase $\text{Sm}_{1.8}\text{Sr}_{1.2}\text{Fe}_2\text{O}_7$. Materials Letters, 2018, 213, 158-161.	2.6	10
11	Influence of A- and B-site substitutions on crystal structure and oxygen content in air-prepared $\text{Ba}_1\text{PrFe}_1\text{CoO}_3$ perovskites. Journal of Alloys and Compounds, 2021, 860, 158438.	5.5	10
12	Role of Sm content to the crystal structure and properties of $\text{Sr}_1\text{SmFeO}_3$. Journal of Solid State Chemistry, 2018, 267, 113-118.	2.9	7
13	Nonstoichiometry, thermal expansion and oxygen permeability of $\text{SmBaCo}_{2-x}\text{Cu}_x\text{O}_{6+\delta}$. Solid State Ionics, 2014, 260, 15-20.	2.7	6
14	Preparation, crystal structure and properties of $\text{HoBaCo}_{2-x}\text{Fe}_x\text{O}_{5+\delta}$. Materials Research Bulletin, 2013, 48, 2040-2043.	5.2	5
15	Crystal Structure of Solid Solutions in the $\text{Sm}_2\text{O}_3-\text{CaO}-\text{MO}$ and $\text{Ln}_2\text{O}_3-\text{SrO}-\text{MO}$ Systems ($\text{Ln} = \text{Tj}, \text{Er}, \text{Qq}, \text{1}, \text{0}, \text{7}, \text{8}, \text{4}, \text{3}, \text{1}, \text{4}$)	0.8	1
16	Crystal structure and oxygen nonstoichiometry of the $\text{Ho}_x\text{Sr}_{1-x}\text{CoO}_3$. Journal of Materials Research, 2012, 27, 2030-2034.	2.6	4
17	$\text{Gd}_2\text{O}_3-\text{SrO}-\text{Fe}_2\text{O}_3$ system: The phase diagram and oxygen content in oxides. Materials Today Communications, 2021, 29, 102885.	1.9	4
18	Synthesis, structure and properties of $\text{LnBa}(\text{Co},\text{Me})_2\text{O}_{5+\delta}$ ($\text{Ln} = \text{Nd}, \text{Sm}, \text{Ho}$ and Tj)	0.1	3

#	ARTICLE	IF	CITATIONS
19	Crystal structure, oxygen content and conductivity of Sr _{1-x} Gd _x CoO _{3-δ} . Solid State Sciences, 2020, 110, 106453.	3.2	3
20	Phase equilibria and stability of intermediate phases in the Sm ₂ O ₃ -BaO-Fe ₂ O ₃ system. Journal of the American Ceramic Society, 2021, 104, 2410-2417.	3.8	3
21	Oxygen content in oxides and subsolidus phase diagram of the Gd ₂ O ₃ -SrO-CoO system. Journal of Alloys and Compounds, 2021, 883, 160794.	5.5	3
22	Phase equilibria and oxygen content of intermediate phases in the Sm ₂ O ₃ -SrO-Fe ₂ O ₃ system. Journal of the European Ceramic Society, 2021, 41, 4199-4205.	5.7	2
23	Phase equilibria in the Nd ₂ O ₃ -BaO-Fe ₂ O ₃ system. Crystal structure, oxygen content and properties of intermediate oxides. Journal of the American Ceramic Society, 0, , .	3.8	2
24	Phase Equilibria in the Sm ₂ O ₃ -CaO-NiO and Sm ₂ O ₃ -NiO-CoO Systems. Inorganic Materials, 2019, 55, 593-599.	0.8	1
25	Effect of cobalt content on the properties of quintuple perovskites Sm ₂ Ba ₃ Fe ₅ -Co ₁₅ . Journal of Solid State Chemistry, 2021, 301, 122324.	2.9	1