

# Nadezhda E Volkova

## List of Publications by Year in descending order

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25  
papers

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1040056

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docs citations

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times ranked

165  
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#	ARTICLE	IF	CITATIONS
1	Phase equilibria and stability of intermediate phases in the $\text{Sm}_{2-x}\text{O}_{3-x}\text{BaO}-\text{Fe}_{2-x}\text{O}_{3-x}$ system. Journal of the American Ceramic Society, 2021, 104, 2410-2417.	3.8	3
2	Influence of A- and B-site substitutions on crystal structure and oxygen content in air-prepared $\text{Ba}_{1-x}\text{Pr}_x\text{Fe}_{1-x}\text{Co}_x\text{O}_{3-x}$ perovskites. Journal of Alloys and Compounds, 2021, 860, 158438.	5.5	10
3	Phase equilibria and oxygen content of intermediate phases in the $\text{Sm}_2\text{O}_3-\text{SrO}-\text{Fe}_2\text{O}_3$ system. Journal of the European Ceramic Society, 2021, 41, 4199-4205.	5.7	2
4	Effect of cobalt content on the properties of quintuple perovskites $\text{Sm}_2\text{Ba}_3\text{Fe}_5\text{-Co}_x\text{O}_{15-x}$ . Journal of Solid State Chemistry, 2021, 301, 122324.	2.9	1
5	Oxygen content in oxides and subsolidus phase diagram of the $\text{Gd}_2\text{O}_3-\text{SrO}-\text{CoO}$ system. Journal of Alloys and Compounds, 2021, 883, 160794.	5.5	3
6	$\text{Gd}_2\text{O}_3-\text{SrO}-\text{Fe}_2\text{O}_3$ system: The phase diagram and oxygen content in oxides. Materials Today Communications, 2021, 29, 102885.	1.9	4
7	Crystal structure, oxygen content and conductivity of $\text{Sr}_{1-x}\text{Gd}_x\text{CoO}_{3-x}$ . Solid State Sciences, 2020, 110, 106453.	3.2	3
8	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 ( $\text{Ln} = \text{Tj, Er, Yb, Lu, Gd, Tb, Dy, Ho, Er, Yb, Lu}$ ). Journal of Solid State Chemistry, 2020, 300, 122324.	0.8	0
9	Phase Equilibria in the $\text{Sm}_2\text{O}_3-\text{CaO}-\text{NiO}$ and $\text{Sm}_2\text{O}_3-\text{NiO}-\text{CoO}$ Systems. Inorganic Materials, 2019, 55, 593-599.	0.8	1
10	Structure and properties of layered perovskites $\text{Ba}_{1-x}\text{Ln}_x\text{Fe}_{1-x}\text{Co}_x\text{O}_{3-x}$ ( $\text{Ln} = \text{Pr, Sm, Gd}$ ). Journal of Alloys and Compounds, 2019, 784, 1297-1302.	5.5	12
11	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
12	Role of Sm content to the crystal structure and properties of $\text{Sr}_{1-x}\text{Sm}_x\text{FeO}_3$ . Journal of Solid State Chemistry, 2018, 267, 113-118.	2.9	7
13	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
14	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
15	Specific features of phase equilibriums in $\text{Ln}-\text{Ba}-\text{Fe}-\text{O}$ systems. Russian Journal of General Chemistry, 2016, 86, 1800-1804.	0.8	13
16	Quintuple perovskites $\text{Ln}_2\text{Ba}_3\text{Fe}_{5-x}\text{Co}_x\text{O}_{15-x}$ ( $\text{Ln} = \text{Sm, Eu}$ ): nanoscale ordering and unconventional magnetism. Journal of Materials Chemistry C, 2015, 3, 5398-5405.	5.5	20
17	Coherent intergrowth of simple cubic and quintuple tetragonal perovskites in the system $\text{Nd}_2\text{Ba}_3(\text{Fe,Co})_5\text{O}_{15}$ . Journal of Solid State Chemistry, 2015, 231, 36-41.	2.9	26
18	Nonstoichiometry, thermal expansion and oxygen permeability of $\text{SmBaCo}_2\text{a}_x\text{Cu}_x\text{O}_{6-x}$ . Solid State Ionics, 2014, 260, 15-20.	2.7	6

#	ARTICLE	IF	CITATIONS
19	Nanoscale Ordering in Oxygen Deficient Quintuple Perovskite $\text{Sm}_{2-x}\text{Ba}_{3+x}\text{Fe}_5\text{O}_{15-\delta}$ : Implication for Magnetism and Oxygen Stoichiometry. <i>Chemistry of Materials</i> , 2014, 26, 6303-6310.	6.7	29
20	Preparation, crystal structure and properties of $\text{HoBaCo}_2\text{Fe}_x\text{O}_5$ . <i>Materials Research Bulletin</i> , 2013, 48, 2040-2043.	5.2	5
21	Synthesis, crystal structure and properties of $\text{SmBaCo}_2\text{Fe}_x\text{O}_5$ . <i>Journal of Solid State Chemistry</i> , 2013, 204, 219-223.	2.9	40
22	Crystal structure and oxygen nonstoichiometry of the $\text{Ho}_x\text{Sr}_{1-x}\text{CoO}_3$ . <i>Journal of Materials Research</i> , 2012, 27, 2030-2034.	2.6	4
23	Synthesis, structure and properties of $\text{LnBa}(\text{Co,Me})_2\text{O}_{5+\delta}$ (Ln = Nd, Sm, Ho and Tj) <i>ETQq1</i> 1 0.784314 rgB 0.1 3 2012, 1384, 1.	0.1	3
24	Phase equilibria and crystal structure of the complex oxides in the $\text{LnBaCoO}$ (Ln=Nd, Sm) systems. <i>Journal of Solid State Chemistry</i> , 2011, 184, 2083-2087.	2.9	20
25	Phase equilibria in the $\text{Nd}_2\text{O}_3$ - $\text{BaO}$ - $\text{Fe}_2\text{O}_3$ system. Crystal structure, oxygen content and properties of intermediate oxides. <i>Journal of the American Ceramic Society</i> , 0, , .	3.8	2