

# Mikhail Semkin

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

98  
citations

1478505

6  
h-index

1372567

10  
g-index

22  
all docs

22  
docs citations

22  
times ranked

112  
citing authors

#	ARTICLE	IF	CITATIONS
1	Features of magnetic and thermal properties of $R(\text{Co}_{1-x}\text{Fe}_x)_2$ ( $\tilde{N} \dots \hat{\alpha} \% 0.16$ ) quasibinary compounds with $R=\text{Dy, Ho, Er}$ . Journal of Magnetism and Magnetic Materials, 2016, 418, 181-187.	2.3	23
2	Structure and magnetic properties of $(\text{Sm}_{0.9}\text{Zr}_{0.1})\text{Fe}_{11}\text{Ti}$ alloys with $\text{ThMn}_{12}$ -type structure. Journal of Magnetism and Magnetic Materials, 2019, 484, 212-217.	2.3	18
3	Crystal structure and magnetic properties of $\text{SrNi}_{1-x}\text{Mg}_x\text{MoO}_6$ ( $x \hat{\epsilon} = \hat{\alpha} \hat{\epsilon} 0, 0.25, 0.5, \text{ and } 0.75$ ) polycrystals. Solid State Sciences, 2020, 99, 106008.	3.2	11
4	Magnetic and magnetocaloric properties of $\text{Gd}(\text{Ni}_{1-x}\text{Fe}_x)_2$ quasi-binary Laves phases with $x \hat{\epsilon} = \hat{\alpha} \hat{\epsilon} 0.04 \hat{\alpha} \hat{\epsilon} 0.16$ . Journal of Magnetism and Magnetic Materials, 2018, 449, 353-359.	2.3	9
5	Analysis of migration maps and features of magnetic properties of $\text{LiNi}_{0.9}\text{M}_{0.1}\text{PO}_4$ ( $\hat{M} = \text{Co, Mn}$ ) single crystals. Journal of Alloys and Compounds, 2019, 781, 571-581.	5.5	9
6	Magnetic ordering and crystal structure of $\text{LiMPO}_4$ compounds with $M = (\text{Mn, Fe, Ni/Mn})$ . Tj ETQq0 0 0 rgBT /Overlock 10 T	0.6	6
7	Effect of alloying elements (Zr, Hf, Co), heat and mechanical treatment conditions on the phase composition and magnetic properties of $\text{SmFe}_{11}\text{Ti}$ compounds with $\text{ThMn}_{12}$ structure. EPJ Web of Conferences, 2018, 185, 04026.	0.3	4
8	Temperature dependence of the propagation vector in $\text{Ni}_3\hat{\alpha} \hat{\epsilon} \text{Co}_x\text{V}_2\text{O}_8$ with $x=0.1$ and $0.5$ . Journal of Magnetism and Magnetic Materials, 2016, 397, 225-229.	2.3	3
9	Magnetic properties of lithium-transition metal orthophosphates. AIP Conference Proceedings, 2016, , .	0.4	2
10	Structure and magnetic properties of $(\text{Sm}_{1-x}\text{Zr}_x)\text{Fe}_{11}\text{Ti}$ ( $x=0-0.2$ ) alloys. Journal of Physics: Conference Series, 2019, 1389, 012117.	0.4	2
11	Structure and magnetic properties of $\text{LiNi}_{1-x}\text{Co}_x\text{PO}_4$ magnetoelectrics with $x = (0, 0.1, \text{ and } 0.2)$ . Journal of Physics: Conference Series, 2019, 1389, 012050.	0.4	2
12	Raman analysis and crystal structure of polycrystalline $\text{LiNi}_{1-x}\text{Co}_x\text{PO}_4$ ( $x \hat{\epsilon} \% = \hat{\alpha} \% 0 \hat{\alpha} \hat{\epsilon} 0.5$ ). Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	2
13	Crystal and Magnetic State of Multiferroic Composites $(x)\text{MFe}_{2}\text{O}_4 + (1-x)\text{BaTiO}_3$ , $M = \text{Ni, Co}$ . Solid State Phenomena, 0, 233-234, 371-374.	0.3	1
14	Structure and properties of various fast neutron irradiated magnets. Physica B: Condensed Matter, 2018, 551, 132-136.	2.7	1
15	Magnetic properties of $\text{Sr}_2\text{Ni}_{1-x}\text{Mg}_x\text{MoO}_6$ ( $x = 0.25$ and $0.5$ ) double perovskite structure. Journal of Physics: Conference Series, 2019, 1389, 012131.	0.4	1
16	Features of Magnetocaloric Effect in $\text{Er}(\text{Co-Fe})_2$ Laves Phases. KnE Materials Science, 2016, 1, 5.	0.1	1
17	Magnetic Structures of the $\text{LiNi}_{0.9}\text{Co}_{0.1}\text{PO}_4$ Crystal. Journal of Surface Investigation, 2021, 15, 890-895.	0.5	1
18	Magnetic phase transitions in the $\text{LiNi}_{0.9}\text{M}_{0.1}\text{PO}_4$ ( $\hat{M} = \hat{A} \hat{M} \text{n, Co}$ ) single crystals. Physica Scripta, 2022, 97, 025707.	2.5	1

#	ARTICLE	IF	CITATIONS
19	Magnetic and Magnetocaloric Properties of the $Tm_{1-x}Y_x(Co_{0.84}Fe_{0.16})_2$ Compounds. <i>Physics of Metals and Metallography</i> , 2022, 123, 407-413.	1.0	1
20	Crystal Structure and Magnetic Ordering in Multiferroic $(0.9)BiFeO_3 + (0.1)BaTiO_3$ . <i>Materials Science Forum</i> , 2016, 845, 38-41.	0.3	0
21	Magnetic and magneto-thermal properties of ferrimagnetic alloys $(Er_{1-x}Y_x)Tj$ of resultant and sublattice magnetizations. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 275801.	1.8	0
22	Magnetic Structures of Some Multiferroics. <i>KnE Materials Science</i> , 2016, 1, 135.	0.1	0