

# Mikhail Semkin

## List of Publications by Year in descending order

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22  
papers

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citations

1478505

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h-index

1372567

10  
g-index

22  
all docs

22  
docs citations

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times ranked

112  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic phase transitions in the $\text{LiNi}_{0.9}\text{M}_{0.1}\text{PO}_4$ ( $M = \text{Mn, Co}$ ) single crystals. <i>Physica Scripta</i> , 2022, 97, 025707.	2.5	1
2	Magnetic and Magnetocaloric Properties of the $\text{Tm}_{1-x}\text{Y}_x(\text{Co}_{0.84}\text{Fe}_{0.16})_2$ Compounds. <i>Physics of Metals and Metallography</i> , 2022, 123, 407-413.	1.0	1
3	Magnetic and magneto-thermal properties of ferrimagnetic alloys ( $\text{Er}_{1-x}\text{Y}_x$ ) $\text{Tj ETQq1 1 0.784314 rgBT / Overloc}$ of resultant and sublattice magnetizations. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 275801.	1.8	0
4	Raman analysis and crystal structure of polycrystalline $\text{LiNi}_{1-x}\text{Co}_x\text{PO}_4$ ( $x = 0, 0.5$ ). <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	2.3	2
5	Magnetic Structures of the $\text{LiNi}_{0.9}\text{Co}_{0.1}\text{PO}_4$ Crystal. <i>Journal of Surface Investigation</i> , 2021, 15, 890-895.	0.5	1
6	Crystal structure and magnetic properties of $\text{Sr}_{2}\text{Ni}_{1-x}\text{Mg}_x\text{MoO}_6$ ( $x = 0, 0.25, 0.5, \text{ and } 0.75$ ) polycrystals. <i>Solid State Sciences</i> , 2020, 99, 106008.	3.2	11
7	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. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 484, 212-217.	2.3	18
8	Structure and magnetic properties of $(\text{Sm}_{1-x}\text{Zr}_x)\text{Fe}_{11}\text{Ti}$ ( $x = 0-0.2$ ) alloys. <i>Journal of Physics: Conference Series</i> , 2019, 1389, 012117.	0.4	2
9	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. <i>Journal of Physics: Conference Series</i> , 2019, 1389, 012131.	0.4	1
10	Structure and magnetic properties of $\text{LiNi}_{1-x}\text{Co}_x\text{PO}_4$ magnetoelectrics with $x = (0, 0.1, \text{ and } 0.2)$ . <i>Journal of Physics: Conference Series</i> , 2019, 1389, 012050.	0.4	2
11	Analysis of migration maps and features of magnetic properties of $\text{LiNi}_{0.9}\text{M}_{0.1}\text{PO}_4$ ( $M = \text{Co, Mn}$ ) single crystals. <i>Journal of Alloys and Compounds</i> , 2019, 781, 571-581.	5.5	9
12	Magnetic and magnetocaloric properties of $\text{Gd}(\text{Ni}_{1-x}\text{Fe}_x)_2$ quasi-binary Laves phases with $x = 0.04$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 449, 353-359.	2.3	9
13	Structure and properties of various fast neutron irradiated magnets. <i>Physica B: Condensed Matter</i> , 2018, 551, 132-136.	2.7	1
14	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. <i>EPJ Web of Conferences</i> , 2018, 185, 04026.	0.3	4
15	Magnetic ordering and crystal structure of $\text{LiMPO}_4$ compounds with $M = (\text{Mn, Fe, Ni/Mn,})$ $\text{Tj ETQq1 1 0.784314 rgBT / Overloc}$	0.6	
16	Crystal Structure and Magnetic Ordering in Multiferroic $(0.9)\text{BiFeO}_3 + (0.1)\text{BaTiO}_3$ . <i>Materials Science Forum</i> , 2016, 845, 38-41.	0.3	0
17	Magnetic properties of lithium-transition metal orthophosphates. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	2
18	Features of magnetic and thermal properties of $\text{R}(\text{Co}_{1-x}\text{Fe}_x)_2$ ( $\text{R} = \text{Dy, Ho, Er}$ ) quasibinary compounds with $\text{R} = \text{Dy, Ho, Er}$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 418, 181-187.	2.3	23

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19	Temperature dependence of the propagation vector in $\text{Ni}_{3-x}\text{Co}_x\text{V}_2\text{O}_8$ with $x=0.1$ and $0.5$ . Journal of Magnetism and Magnetic Materials, 2016, 397, 225-229.	2.3	3
20	Features of Magnetocaloric Effect in $\text{Er}(\text{Co-Fe})_2$ Laves Phases. KnE Materials Science, 2016, 1, 5.	0.1	1
21	Magnetic Structures of Some Multiferroics. KnE Materials Science, 2016, 1, 135.	0.1	0
22	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