

# Mikhail Bartashevich

## List of Publications by Year in descending order

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21  
papers

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citations

933447

10  
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940533

16  
g-index

21  
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21  
docs citations

21  
times ranked

208  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Moments, Electronic Structure, and Optical Spectroscopy of Cobalt-Based Intermetallic Compounds YCo <sub>3</sub> , Y <sub>2</sub> Co <sub>7</sub> , and LaCo <sub>5</sub> . Journal of Experimental and Theoretical Physics, 2020, 131, 600-606.	0.9	0
2	Itinerant metamagnetic transition in the ferromagnet $\text{LuCo}_3$ induced by high field: Instability of the $d$ -electron subsystem. Physical Review B, 2020, 101, .	3.2	6
3	The effect of magnetization anisotropy and paramagnetic susceptibility on the magnetization process. Journal of Applied Physics, 2015, 118, .	2.5	17
4	Magnetocaloric effect in single crystal $\text{Nd}_2\text{Co}_7$ . Journal of Applied Physics, 2011, 109, .	2.5	11
5	High-field magnetization and magnetic structure of $\text{Tb}_3\text{Co}$ . Journal of Physics Condensed Matter, 2007, 19, 326213.	1.8	16
6	Itinerant-electron metamagnetism in $\text{Y}(\text{Co}_{1-x}\text{Ni}_x)_5$ . Physica B: Condensed Matter, 2003, 328, 386-392.	2.7	4
7	Magnetism in a $\text{UNi}_2/3\text{Rh}_1/3\text{Al}$ single crystal. Philosophical Magazine, 2003, 83, 1613-1633.	1.6	3
8	Magnetovolume effects in metamagnetic itinerant-electron systems and. Journal of Physics Condensed Matter, 1998, 10, 3625-3634.	1.8	23
9	Effects of external pressure on the 5f-band metamagnetism in $\text{UCoAl}$ . Physical Review B, 1997, 55, 5847-5850.	3.2	39
10	Onset of ferromagnetism between the paramagnets $\text{UCoAl}$ and $\text{URuAl}$ . European Physical Journal D, 1996, 46, 3385-3386.	0.4	4
11	Crystal structure of $\hat{\Gamma}^3$ -phase $\text{RCo}_3\text{H}_{3/4}$ hydrides. Journal of Alloys and Compounds, 1995, 231, 104-107.	5.5	17
12	Electronic structure of metal hydrides studied by high field magnetization. Journal of Alloys and Compounds, 1995, 231, 159-163.	5.5	6
13	Magnetic properties of single-crystal $\hat{\Gamma}^2$ phase hydrides $\text{RCo}_5\text{H}_{4/3}$ . Journal of Alloys and Compounds, 1995, 219, 25-28.	5.5	12
14	Itinerant metamagnetism of the Co-sublattice in the $\text{Y}_{1-x}\text{Nd}_x\text{Co}_3$ system in ultrahigh magnetic fields up to 110 T. Physica B: Condensed Matter, 1994, 193, 10-16.	2.7	16
15	Ultrahigh field magnetization of $\text{YCo}_3$ hydrides. Physica B: Condensed Matter, 1994, 201, 135-138.	2.7	10
16	High field magnetization of $\text{NdCo}_5$ and $\text{NdCo}_5\text{H}_3$ single crystals. Solid State Communications, 1993, 87, 1093-1095.	1.9	7
17	Magnetic behaviour of $\hat{\Gamma}^3$ -phase hydrides $\text{RCo}_3\text{H}_{3/4}$ in high magnetic fields. Physica B: Condensed Matter, 1993, 190, 315-326.	2.7	13
18	Hydrogenation and the magnetic and electrochemical parameters of $\text{Nd}_2\text{Fe}_{12.6}\text{Tl}_{1.4}\text{B}$ intermetallics with $\text{Nd}_2\text{Fe}_{14}\text{B}$ structures (T series 1 transition metal). Soviet Materials Science, 1993, 28, 383-388.	0.0	0

#	ARTICLE	IF	CITATIONS
19	Magnetic properties of NdCo <sub>3</sub> and its $\hat{\Gamma}^3$ -phase hydride NdCo <sub>3</sub> H <sub>4.1</sub> . Journal of Alloys and Compounds, 1993, 202, 7-12.	5.5	10
20	Thermal expansion and high field magnetization of a single crystal $\hat{\Gamma}^3$ -phase hydride YCo <sub>3</sub> H <sub>3.9</sub> . Solid State Communications, 1992, 82, 201-204.	1.9	28
21	High field magnetization of single-crystal $\hat{\Gamma}^3$ -phase hydrides HoCo <sub>3</sub> H <sub>4.3</sub> and ErCo <sub>3</sub> H <sub>4.2</sub> . Journal of Magnetism and Magnetic Materials, 1992, 117, 405-412.	2.3	7