

Mikhail Bartashevich

List of Publications by Year in descending order

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21
papers

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21
all docs

21
docs citations

21
times ranked

208
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of external pressure on the 5f-band metamagnetism in UCoAl. Physical Review B, 1997, 55, 5847-5850.	3.2	39
2	Thermal expansion and high field magnetization of a single crystal $\hat{\Gamma}^3$ -phase hydride YCo ₃ H _{3.9} . Solid State Communications, 1992, 82, 201-204.	1.9	28
3	Magnetovolume effects in metamagnetic itinerant-electron systems and. Journal of Physics Condensed Matter, 1998, 10, 3625-3634.	1.8	23
4	Crystal structure of $\hat{\Gamma}^3$ -phase RCo ₃ H $\hat{\Gamma}^{1/4}$ hydrides. Journal of Alloys and Compounds, 1995, 231, 104-107.	5.5	17
5	The effect of magnetization anisotropy and paramagnetic susceptibility on the magnetization process. Journal of Applied Physics, 2015, 118, .	2.5	17
6	Itinerant metamagnetism of the Co-sublattice in the Y $\hat{\Gamma}^1$ -Nd Co ₃ system in ultrahigh magnetic fields up to 110 T. Physica B: Condensed Matter, 1994, 193, 10-16.	2.7	16
7	High-field magnetization and magnetic structure of Tb ₃ Co. Journal of Physics Condensed Matter, 2007, 19, 326213.	1.8	16
8	Magnetic behaviour of $\hat{\Gamma}^3$ -phase hydrides RCo ₃ H $\hat{\Gamma}^{1/4}$ in high magnetic fields. Physica B: Condensed Matter, 1993, 190, 315-326.	2.7	13
9	Magnetic properties of single-crystal $\hat{\Gamma}^2$ phase hydrides RCo ₅ H $\hat{\Gamma}^{1/3}$. Journal of Alloys and Compounds, 1995, 219, 25-28.	5.5	12
10	Magnetocaloric effect in single crystal $\langle i \rangle \text{Nd} \langle i \rangle^2 \langle i \rangle \text{Co} \langle i \rangle^7$. Journal of Applied Physics, 2011, 109, .	2.5	11
11	Magnetic properties of NdCo ₃ and its $\hat{\Gamma}^3$ -phase hydride NdCo ₃ H _{4.1} . Journal of Alloys and Compounds, 1993, 202, 7-12.	5.5	10
12	Ultrahigh field magnetization of YCo ₃ hydrides. Physica B: Condensed Matter, 1994, 201, 135-138.	2.7	10
13	High field magnetization of single-crystal $\hat{\Gamma}^3$ -phase hydrides HoCo ₃ H _{4.3} and ErCo ₃ H _{4.2} . Journal of Magnetism and Magnetic Materials, 1992, 117, 405-412.	2.3	7
14	High field magnetization of NdCo ₅ and NdCo ₅ H ₃ single crystals. Solid State Communications, 1993, 87, 1093-1095.	1.9	7
15	Electronic structure of metal hydrides studied by high field magnetization. Journal of Alloys and Compounds, 1995, 231, 159-163.	5.5	6
16	Itinerant metamagnetic transition in the ferromagnet $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{LuC} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ induced by high field: Instability of the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle \text{d} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -electron subsystem. Physical Review B, 2020, 101, .	3.2	6
17	Onset of ferromagnetism between the paramagnets UCoAl and URuAl. European Physical Journal D, 1996, 46, 3385-3386.	0.4	4
18	Itinerant-electron metamagnetism in Y(Co $\hat{\Gamma}^1$ xNi) ₅ . Physica B: Condensed Matter, 2003, 328, 386-392.	2.7	4

#	ARTICLE	IF	CITATIONS
19	Magnetism in a UNi ₂ /3Rh ₁ /3Al single crystal. Philosophical Magazine, 2003, 83, 1613-1633.	1.6	3
20	Hydrogenation and the magnetic and electrochemical parameters of Nd ₂ Fe _{12.6} T _{1.4} B intermetallides with Nd ₂ Fe ₁₄ B structures (T series 1 transition metal). Soviet Materials Science, 1993, 28, 383-388.	0.0	0
21	Magnetic Moments, Electronic Structure, and Optical Spectroscopy of Cobalt-Based Intermetallic Compounds YCo ₃ , Y ₂ Co ₇ , and LaCo ₅ . Journal of Experimental and Theoretical Physics, 2020, 131, 600-606.	0.9	0