Protasov, A V

List of Publications by Year
in descending order

30 papers	296 citations	1039406 9 h-index	887659 17 g-index
30 all docs	30 docs citations	30 times ranked	352 citing authors

#	Article	IF	Citations
1	Magnetic properties of Sm2+Î±Fe17N powders prepared from bulk and strip-cast alloys. Journal of Magnetism and Magnetic Materials, 2021, 518, 167416.	1.0	5
2	Investigation of Magnetic Hysteresis Properties of (Sm0.8Zr0.2)(Fe0.72Co0.24Ti0.04)10â€“12 Melt-Spun Ribbons. Metal Science and Heat Treatment, 2021, 62, 566-571.	0.2	2
3	Development of high-coercivity state in melt-spun Fe41Pd41B8Si6P4 ribbons. Rare Metals, 2020, 39, 76-83.	3.6	1
4	HNBR elastomer composite with zero thermal contraction over a range of temperatures. Composites Communications, 2019, 15, 76-79.	3.3	3
5	Coercivity kinetics upon step annealing of sintered Sm(Co0.88â€“Fe Cu0.09Zr0.03)7 magnets. Journal of Rare Earths, 2019, 37, 1059-1065.	2.5	13
6	Magnetic properties of melt-spun ribbons (Sm1â€“Zr)(Fe0.92Ti0.08)10 with ThMn12 structure and their hydrides. Journal of Rare Earths, 2019, 37, 1066-1071.	2.5	13
7	Effect of additions of phosphorous, boron, and silicon on the structure and magnetic properties of the melt-spun FePd ribbons. Journal of Magnetism and Magnetic Materials, 2019, 481, 212-220.	1.0	3
8	Effect of solid solution treatment and nitrogenation on magnetic properties of Sm2+Î±Fe17N x powders. Journal of Physics: Conference Series, 2019, 1389, 012125.	0.3	0
9	Structure and Magnetic Properties of Heat-Resistant Sm(Co0.796â^'xFe0.177CuxZr0.027)6.63 Permanent Magnets with High Coercivity. Jom, 2019, 71, 559-566.	0.9	8
10	Peculiar Kinetics of Coercivity of Sintered Sm(Co_{0.78}Fe_{0.10}Cu_{0.10}Zr_{0.02})₇ Magnet Upon Slow Cooling. IEEE Transactions on Magnetics, 2018, 54, 1-7.	1.2	9
11	Structure and Properties of Sm â€“ Co â€“ Fe â€“ Cu â€“ Zr Magnets for High-Temperature Applications. Metal Science and Heat Treatment, 2018, 60, 498-503.	0.2	7
12	Electrical resistivity, magnetism and electronic structure of the intermetallic 3d/4f Laves phase compounds ErNi2Mnx. AIP Advances, 2018, 8, 105225.	0.6	3
13	Enhanced method of magnetic powder alignment for production of PLP Nd-Fe-B magnets. Journal of Magnetism and Magnetic Materials, 2017, 428, 424-430.	1.0	8
14	Influence of microdeformations on magnetic phase transitions in the (Tm Pr1-)2Fe17 system. Journal of Alloys and Compounds, 2017, 726, 330-337.	2.8	4
15	Effect of the nanocrystalline state and electrical resistance of Fe and Fe75Si25 powders produced by the method of high-energy ball milling on the frequency dispersion of microwave material parameters. Physics of Metals and Metallography, 2016, 117, 540-549.	0.3	4
16	Magnetic properties and structure of nanocrystalline FINEMET alloys with various iron contents. Physics of Metals and Metallography, 2015, 116, 663-670.	0.3	13
17	Studying mechanosynthesized HÃgg carbide (Ï‡-Fe5C2). Physics of Metals and Metallography, 2015, 116, 791-801.	0.3	14
18	Dynamic equilibria of phases in the processes of the mechanosynthesis of an alloy with composition Fe72.6C24.5O1.1N1.8. Physics of Metals and Metallography, 2014, 115, 557-565.	0.3	9

#	ARTICLE	IF	CITATIONS
19	Formation of solid solutions of gallium in Feâ€“Cr and Feâ€“Co alloys: MÃ¶ssbauer studies and first-principles calculations. Journal of Alloys and Compounds, 2014, 614, 297-304.	2.8	9
20	MÃ¶ssbauer probe spectroscopy studies of initial stage of Al-Fe mechanical alloying. Physics of Metals and Metallography, 2013, 114, 148-154.	0.3	3
21	Deformation-induced structural transformations in Si and the initial stage of mechanical alloying of Si and Fe. Colloid Journal, 2013, 75, 261-266.	0.5	7
22	Probe MÃ¶ssbauer spectroscopy of the evolution of mechanically alloyed Mo92O8(57Fe) system upon heat treatment. Physics of Metals and Metallography, 2012, 113, 663-671.	0.3	1
23	Structural state and magnetic properties of cementite alloyed with manganese. Physics of Metals and Metallography, 2012, 113, 1134-1145.	0.3	7
24	Determination of nanoparticle sizes by X-ray diffraction. Colloid Journal, 2012, 74, 675-685.	0.5	134
25	Effect of silicon on the phase formation in mechanically activated systems based on Fe75C25: Mechanosynthesis of composite states. Physics of Metals and Metallography, 2012, 113, 72-81.	0.3	2
26	Solid-state reactions upon mechanical alloying of an Fe32Al68 binary mixture. Physics of Metals and Metallography, 2012, 113, 602-611.	0.3	10
27	Mechanical alloying of the Mo-rich Mo-O-Fe ternary system. Physics of Metals and Metallography, 2011, 111, 503-512.	0.3	1
28	MÃ¶ssbauer study of mechanical alloying in a Mo80Fe20 system. Bulletin of the Russian Academy of Sciences: Physics, 2010, 74, 339-342.	0.1	0
29	Probe MÃ¶ssbauer spectroscopy of the grain boundaries of a Mo-O nanocrystalline system obtained by mechanical alloying. JETP Letters, 2010, 92, 746-750.	0.4	3
30	Solid State Reactions in the Moâˆ•Oâ€”Fe System under Mechanical Alloying. , 2010, , .		0