

Gennady A Dorofeev

List of Publications by Year in descending order

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14
papers

238
citations

1040056

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docs citations

14
times ranked

176
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and magnetic properties of Fe _{100-x} Sn _x (3.2 < x < 62) alloys obtained by mechanical milling. <i>Journal of Magnetism and Magnetic Materials</i> , 1997, 166, 334-348.	2.3	43
2	Initial stage of mechanical alloying in the Fe-C system. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004, 369, 16-22.	5.6	41
3	The influence of a surfactant on the characteristics of the iron powders obtained by mechanical milling in organic media. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000, 162, 279-284.	4.7	39
4	Structure, phase composition and magnetic characteristics of the nanocrystalline iron obtained by mechanical milling in heptane. <i>Scripta Materialia</i> , 1999, 12, 483-486.	0.5	20
5	Mechanochemical interaction of titanium powder with organic liquids. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 9690-9699.	7.1	17
6	Solid State Reactions in the Fe-Sn System under Mechanical Alloying and Grinding. <i>Materials Science Forum</i> , 1998, 269-272, 151-156.	0.3	15
7	Comparative analysis of mechanisms and kinetics of mechanical alloying in Fe-Al and Fe-Si systems. <i>Acta Materialia</i> , 2004, 52, 4251-4257.	7.9	15
8	Thermodynamic Simulation of Mechanically Alloyed Solid Solution Formation in Fe-Sn System. <i>Materials Science Forum</i> , 2000, 343-346, 585-590.	0.3	11
9	XRD characterization of mechanically alloyed high-nitrogen nanocrystalline Fe-Cr system. <i>Materials Letters</i> , 2015, 159, 493-497.	2.6	11
10	Structural and phase transformations during ball milling of titanium in medium of liquid hydrocarbons. <i>Physics of Metals and Metallography</i> , 2014, 115, 157-168.	1.0	10
11	Aluminothermic Reduction Process Under Nitrogen Gas Pressure for Preparing High Nitrogen Austenitic Steels. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2019, 50, 632-640.	2.1	7
12	Mössbauer study of solid state reactions under mechanical grinding of the Fe ₂ B and FeB borides. <i>European Physical Journal D</i> , 1997, 47, 499-506.	0.4	5
13	Mechanochemical Processes in the System Titanium - Heptane during Ball Milling. <i>Materials Science Forum</i> , 2020, 989, 532-536.	0.3	3
14	Atomic Redistribution in a Fe-Cr System in the Course of Mechanical Alloying and Subsequent Annealing. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019, 50, 5977-5989.	2.2	1