

Yury Subachev

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

64
citations

1937685

4
h-index

1588992

8
g-index

12
all docs

12
docs citations

12
times ranked

32
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of an elastic uniaxial deformation of a medium-carbon steel on its magnetostriction in the longitudinal and transverse directions. Russian Journal of Nondestructive Testing, 2013, 49, 584-594.	0.9	23
2	The influence of a preliminary plastic deformation on the behavior of the magnetic characteristics of high-strength controllably rolled pipe steel under an elastic uniaxial tension (Compression). Russian Journal of Nondestructive Testing, 2015, 51, 563-572.	0.9	16
3	The effects of deformations by rolling and uniaxial tension on the structure and the magnetic and mechanical properties of armco iron, steel 12X18H10T, and a steel 12X18H10T-Armco Iron-Steel 12X18H10T composite material. Russian Journal of Nondestructive Testing, 2011, 47, 369-380.	0.9	11
4	The influence of elastic deformations on the hysteresis properties of a two-layer ferromagnet composed of components with magnetostrictions of opposite signs. Russian Journal of Nondestructive Testing, 2014, 50, 469-480.	0.9	7
5	Effect of elastoplastic deformation on magnetic characteristics of a powder structural steel having different residual porosities. Russian Journal of Nondestructive Testing, 2007, 43, 817-826.	0.9	3
6	Effect of heat treatment and elastoplastic deformation on magnetic properties of 50Ni2Mo powder steel. Physical Mesomechanics, 2012, 15, 122-132.	1.9	2
7	Structure and electromagnetic properties of ZhGr-type powder steel deformed by rolling with different porosity and temper. Russian Journal of Nondestructive Testing, 2009, 45, 509-519.	0.9	1
8	Effect of heat treatment on the magnetic behaviour of powder steel 50Ni2Mo under uni-axial tension. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2012, 226, 1462-1471.	2.1	1
9	Electromagnetic properties and structure of polydisperse mechanically activated Fe-Si materials. Bulletin of the Russian Academy of Sciences: Physics, 2009, 73, 132-135.	0.6	0
10	The effect of sizes of particles of furnace charge on magnetic characteristics of a sintered iron powder. Russian Journal of Nondestructive Testing, 2009, 45, 867-873.	0.9	0
11	Behavior of magnetic characteristics of structural powder D-D^{N} steels during rolling and subsequent tension. Russian Journal of Nondestructive Testing, 2010, 46, 206-215.	0.9	0
12	Peculiarities of the Magnetic Behavior of Pipe Steels with Different Initial Stressâ€“Strain States Under Elastic Deformation. , 2017, , 153-160.		0