

Rafail Galeyev

List of Publications by Year in descending order

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19
papers

729
citations

1040056

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19
docs citations

19
times ranked

555
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of submicrocrystalline structure in large-scale Ti-6Al-4V billet by warm severe deformation processing. <i>Scripta Materialia</i> , 2004, 51, 1147-1151.	5.2	202
2	Formation of submicrocrystalline structure in the titanium alloy VT8 and its influence on mechanical properties. <i>Journal of Materials Science</i> , 1993, 28, 2898-2902.	3.7	138
3	Mechanical Properties of Ti-6Al-4V Titanium Alloy with Submicrocrystalline Structure Produced by Severe Plastic Deformation. <i>Materials Transactions</i> , 2005, 46, 2020-2025.	1.2	102
4	Development of Ti-6Al-4V sheet with low temperature superplastic properties. <i>Journal of Materials Processing Technology</i> , 2001, 116, 265-268.	6.3	85
5	Alloys-by-design: Application to titanium alloys for optimal superplasticity. <i>Acta Materialia</i> , 2019, 178, 275-287.	7.9	75
6	Superior superplastic behavior in fine-grained Ti-6Al-4V sheet. <i>Journal of Alloys and Compounds</i> , 2002, 345, 221-227.	5.5	32
7	Advanced superplastic forming and diffusion bonding of titanium alloy. <i>Materials Science and Technology</i> , 2006, 22, 343-348.	1.6	27
8	Structure and density of submicrocrystalline titanium produced by severe plastic deformation. <i>Scripta Materialia</i> , 1999, 11, 407-414.	0.5	22
9	Anisotropy of the Thermal Expansion of a Polycrystalline Ni-Mn-Ga Alloy Subjected to Plastic Deformation by Forging. <i>Physics of the Solid State</i> , 2018, 60, 1061-1067.	0.6	13
10	The use of nanostructured materials and nanotechnologies for the elaboration of hollow structures. <i>Nanotechnologies in Russia</i> , 2010, 5, 108-122.	0.7	9
11	Effect of Deformation Conditions on Grain Size and Microstructure Homogeneity of β -Rich Titanium Alloys. <i>Journal of Materials Engineering and Performance</i> , 2005, 14, 709-716.	2.5	5
12	An anomaly of the temperature dependence of the impact strength of low-carbon steel with an ultrafine-grain structure. <i>Doklady Physics</i> , 2016, 61, 15-18.	0.7	5
13	The research of technological properties of the titanium alloy Ti-6Al-4V. Part 1. Microstructure and mechanical properties. <i>Letters on Materials</i> , 2016, 6, 281-285.	0.7	5
14	Development of laminated composite materials based on orthorhombic aluminide/titanium alloy and their tensile mechanical properties. <i>Materials Science and Technology</i> , 2009, 25, 1485-1488.	1.6	3
15	The influence of forging and extrusion on the microstructure and martensitic transformation in Ni-Mn-Ga alloys. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 447, 012024.	0.6	3
16	The ultrafine-grained structure, texture and mechanical properties of low carbon steel obtained by various methods of plastic deformation. <i>Letters on Materials</i> , 2016, 6, 126-131.	0.7	2
17	Ultrafine-Grained Structure and its Thermal Stability in Low-Carbon Steel. <i>Russian Physics Journal</i> , 2015, 58, 898-903.	0.4	1
18	Laminated composite materials based on orthorhombic aluminium/titanium alloy. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2012, 43, 789-793.	0.9	0

#	ARTICLE	IF	CITATIONS
19	Analysis of the distribution of alloying elements in ultrafine-grained steel 05G2MFBT by atom-probe tomography. IOP Conference Series: Materials Science and Engineering, 2018, 447, 012009.	0.6	0