

Aygul Valeeva

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

121
citations

1478505

6
h-index

1372567

10
g-index

20
all docs

20
docs citations

20
times ranked

63
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of the structure of babbitt B83 on the intensity of wear of tribocouplings. Metal Science and Heat Treatment, 2006, 48, 88-91.	0.6	23
2	Effect of structure of B83 babbitt on its wear. Journal of Friction and Wear, 2014, 35, 311-315.	0.5	21
3	Microstructure of the β -phase in the Sn11Sb5.5Cu babbitt. Physics of Metals and Metallography, 2017, 118, 48-51.	1.0	8
4	Effect of radial-shear rolling on structure of aluminum alloy D16 (Al-4.4Cu-1.6Mg). Inorganic Materials: Applied Research, 2015, 6, 45-48.	0.5	7
5	On the wear rate of an Sn11Sb5.5Cu Babbitt. Journal of Friction and Wear, 2017, 38, 53-57.	0.5	7
6	Influence of the pin shape of the tool during friction stir welding on the process output parameters. Letters on Materials, 2019, 9, 456-459.	0.7	7
7	Effect of Powerful Current Pulses on the Structure and Mechanical Properties of the Aluminum Alloy Al-6%Mg-0.6%Mn. Journal of Materials Engineering and Performance, 2005, 14, 236-240.	2.5	6
8	Ni-based protective-lubricant coatings for zirconium alloys. Inorganic Materials: Applied Research, 2012, 3, 226-230.	0.5	6
9	On the mechanism of running-in during wear tests of a babbitt B83. Physics of Metals and Metallography, 2015, 116, 509-511.	1.0	6
10	Structure and hardness of cold-rolled nickel after single and multiple electric pulse treatment. Letters on Materials, 2019, 9, 447-450.	0.7	6
11	Tin- and copper-based electrochemical coatings for sliding bearings. Journal of Friction and Wear, 2012, 33, 34-38.	0.5	4
12	Structure and properties of babbitt Sn11Sb5.5Cu subjected to high pressure torsion. Letters on Materials, 2016, 6, 347-349.	0.7	4
13	The influence of radial shear rolling on the structure and properties of 58Ni-Cr-Mo-B-Al-Cu superalloy. Letters on Materials, 2021, 11, 566-570.	0.7	4
14	Influence of electric pulse treatment on structure and hardness of cryorolled aluminum. Letters on Materials, 2021, 11, 351-356.	0.7	3
15	Electrodeposition of SnSbCu Alloy on Copper from an Electrolyte with Varied Content of Antimony Chloride. Russian Physics Journal, 2015, 58, 869-872.	0.4	2
16	Effect of electric pulse treatment on the structure and hardness of nickel deformed at room and liquid nitrogen temperatures. IOP Conference Series: Materials Science and Engineering, 0, 1008, 012006.	0.6	2
17	Effect of the length of the tool pin on the hardening of 2024 aluminum alloy under friction stir processing. Letters on Materials, 2021, 11, 119-124.	0.7	2
18	Structure and strength of fine-grain copper after cryorolling and single electric pulse treatment of different capacity. Letters on Materials, 2021, 11, 491-496.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Effect of the rheological parameters of the surface layer of structurally inhomogeneous billets on force and strain characteristics in the case of plastic strain. <i>Strength of Materials</i> , 2008, 40, 485-490.	0.5	1
20	Evaluation of the thermodynamic possibility of in-situ composites fabrication in aluminum-metal and aluminum-metal oxide systems through friction stir processing. <i>Letters on Materials</i> , 2021, 11, 544-547.	0.7	0