Aygul Valeeva

List of Publications by Year
in descending order

20	121	1478505 6	1372567 10
papers	citations	h-index	g-index

20	20	20	63
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Influence of electric pulse treatment on structure and hardness of cryorolled aluminum. Letters on Materials, 2021, 11, 351-356.	0.7	3
3	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
4	Evaluation of the thermodynamic possibility of in-situ composites fabrication in aluminum-metal and aluminum-metal oxide systems through friction stir processing. Letters on Materials, 2021, 11, 544-547.	0.7	0
5	Structue and strength of fine-grain copper after cryorolling and single electrÐ¾-pulsing of different capacity. Letters on Materials, 2021, 11, 491-496.	0.7	2
6	Structure and hardness of cold-rolled nickel after single and multiple electric pulse treatment. Letters on Materials, 2019, 9, 447-450.	0.7	6
7	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
8	On the wear rate of an Sn11Sb5.5Cu Babbitt. Journal of Friction and Wear, 2017, 38, 53-57.	0.5	7
9	Microstructure of the Î²-phase in the Sn11Sb5.5Cu babbit. Physics of Metals and Metallography, 2017, 118, 48-51.	1.0	8
10	Structure and properties of babbit Sn11Sb5,5Cu subjected to high pressure torsion. Letters on Materials, 2016, 6, 347-349.	0.7	4
11	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
12	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
13	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
14	Effect of structure of B83 babbit on its wear. Journal of Friction and Wear, 2014, 35, 311-315.	0.5	21
15	Tin- and copper-based electrochemical coatings for sliding bearings. Journal of Friction and Wear, 2012, 33, 34-38.	0.5	4
16	Ni-based protective-lubricant coatings for zirconium alloys. Inorganic Materials: Applied Research, 2012, 3, 226-230.	0.5	6
17	Effect of the rheological parameters of the surface layer of structurally inhomogeneous billets on fore and strain characteristics in the case of plastic strain. Strength of Materials, 2008, 40, 485-490.	0.5	1
18	Effect of the structure of babbit B83 on the intensity of wear of tribocouplings. Metal Science and Heat Treatment, 2006, 48, 88-91.	0.6	23

#	Article	IF	Citations
19	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
20	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