

Georiy Grigorenko

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structural Transformations of the Metal of Heat-Affected Zone of Welded Joints of High-Strength Armor Steels. <i>Materials Science</i> , 2020, 55, 863-869.	0.3	12
2	High-speed imaging and CFD simulations of a deforming liquid metal droplet in an electromagnetic levitation experiment. <i>Journal of Materials Science</i> , 2008, 43, 3001-3008.	1.7	9
3	Arc slag remelting for high strength steel & various alloys. <i>Journal of Materials Science</i> , 2004, 39, 7269-7274.	1.7	8
4	Relationships governing plastic deformation in pressure welding dissimilar materials. <i>Welding International</i> , 2005, 19, 68-72.	0.3	6
5	Structurization of Coatings in the Plasma Arc Spraying Process Using B4C + (Cr, Fe)7C3-Cored Wires. <i>Powder Metallurgy and Metal Ceramics</i> , 2019, 58, 312-322.	0.4	5
6	Features of mass transfer processes in pressure welding dissimilar metals. <i>Welding International</i> , 2004, 18, 730-736.	0.3	4
7	Structure and properties of titanium alloys with nitrogen. <i>Metal Science and Heat Treatment</i> , 1992, 34, 74-76.	0.2	2
8	Influence of Titanium-Containing Inoculants on the Structure of Metal in the Welds of High-Strength Low-Alloy Steels. <i>Materials Science</i> , 2020, 56, 195-202.	0.3	2
9	DTA in research on phase and structural transformations in gas-thermal coatings. <i>Soviet Powder Metallurgy and Metal Ceramics (English Translation of Poroshkovaya Metallurgiya)</i> , 1991, 30, 804-808.	0.1	1
10	?Consumable plasmotron? remelting (CPR). <i>Metallurgist</i> , 1974, 18, 743-747.	0.2	0
11	Production of large high-nitrogen steel ingots by consumable plasmatron remelting. <i>Metallurgist</i> , 1976, 20, 30-33.	0.2	0
12	Effect of temperature and concentration of sulfuric acid solutions on the corrosion resistance and hydrogen charging of AT3 alloy. <i>Soviet Materials Science</i> , 1989, 25, 44-48.	0.0	0
13	Corrosion cracking of welded joints in low-alloy steels in a hydrogen sulfide-bearing medium. <i>Soviet Materials Science</i> , 1992, 28, 425-428.	0.0	0
14	Effect of binder and particle size on the nature of the exothermic reaction for NiCr-Al composite powder. <i>Soviet Powder Metallurgy and Metal Ceramics (English Translation of Poroshkovaya Metallurgiya)</i> , 1991, 30, 804-808.	0.0	0
15	Application of scanning electron microscopy in modern material science, welding and related technologies. <i>Welding International</i> , 2000, 14, 745-748.	0.3	0
16	Energy- and resources-saving technologies and equipment for welding aluminium busbars in carbon-graphite and other types of production. <i>Welding International</i> , 2001, 15, 486-489.	0.3	0
17	The effect of surface oxides on the properties of welded joints in different methods of surface preparation and parameters of pressure welding. <i>Welding International</i> , 2006, 20, 728-734.	0.3	0
18	Micromechanism of failure in off-centre tensile loading of fusion welded joints in 1422 high-strength aluminium-lithium alloy. <i>Welding International</i> , 2012, 26, 30-35.	0.3	0