

Yulia Khudorozhkova

List of Publications by Year in descending order

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papers

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docs citations

20
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citing authors

#	ARTICLE	IF	CITATIONS
1	Wear-resistant nickel-based laser clad coatings for high-temperature applications. Letters on Materials, 2019, 9, 470-474.	0.7	8
2	Effect of hardening temperature on the phase composition and wear resistance of roll steels with 5% Cr. Metal Science and Heat Treatment, 2011, 52, 468-472.	0.6	4
3	Influence of the quenching temperature on the phase composition, structure, and wear resistance of 150XHM steel. Steel in Translation, 2013, 43, 720-723.	0.3	4
4	Investigation of the structure and magnetic properties of hypereutectoid steel with different carbide phase morphology. AIP Conference Proceedings, 2016, , .	0.4	3
5	The Effect of Thickness on the Properties of Laser-Deposited NiBSi-WC Coating on a Cu-Cr-Zr Substrate. Photonics, 2019, 6, 127.	2.0	3
6	CONTROLLING THE STRUCTURE OF WEAR-RESISTANT STEELS 150KhNML AND Kh12MFL BY HIGH-TEMPERATURE QUENCHING AND COLD TREATMENT. Diagnostics Resource and Mechanics of Materials and Structures, 2017, , 43-54.	0.1	2
7	In situ structural analysis of metals surface during friction using diffractometry of synchrotron radiation. , 2008, , .		1
8	Structure analysis of laser deposited NiBSi-WC coatings on a Cu-Cr-Zr substrate. AIP Conference Proceedings, 2017, , .	0.4	1
9	Effect of the Crystallographic Texture Type on the Anisotropy of the Magnetic Leakage Field Parameters of Steel Sheets. Physical Mesomechanics, 2020, 23, 246-255.	1.9	1
10	Distributional and morphological changes in excess cementite during deformation of hypereutectoid steels. Diagnostics Resource and Mechanics of Materials and Structures, 0, , 80-89.	0.1	1
11	Phase Transformations in Tempering of Roll Steels. Metal Science and Heat Treatment, 2005, 47, 9-11.	0.6	0
12	Choice of austenitization regimes for roll steel with 5 % of chromium. , 2008, , .		0
13	The features of phase transformations and structural changes in steels with stable and metastable austenite under fatigue loading. AIP Conference Proceedings, 2016, , .	0.4	0
14	EBSiD analysis of the structural state of the Cu-Zn-Mn-Al-Fe-Ni alloy after hot deformation. AIP Conference Proceedings, 2017, , .	0.4	0
15	Numerical and experimental approaches to the evaluation of the fatigue life of a cylindrical specimen made of the 09G2S steel. AIP Conference Proceedings, 2017, , .	0.4	0
16	The effect of a dispersed grain structure of hypoeutectoid, eutectoid and hypereutectoid carbon steels on their magnetic behavior. AIP Conference Proceedings, 2018, , .	0.4	0
17	Nucleation and initiation of cracks under high-cycle fatigue in the EP679 maraging steel. AIP Conference Proceedings, 2019, , .	0.4	0
18	Dependence of mechanical and magnetic properties of hypereutectoid steel on excess cementite morphology. Diagnostics Resource and Mechanics of Materials and Structures, 2016, , 92-99.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Reasons for cracking of die-forged CuZn34Mn3Al2FeNi brass blanks. <i>Diagnostics Resource and Mechanics of Materials and Structures</i> , 2017, , 61-80.	0.1	0
20	Surface Hardening of Commercially Pure Titanium by Non-vacuum Electron Beam Cladding of Powder Mixtures. <i>Metal Working and Material Science</i> , 2018, 20, 116-129.	0.3	0