

Ludmila Afanasieva

List of Publications by Year in descending order

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17
papers

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1937685

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all docs

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docs citations

18
times ranked

41
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical Properties of SiC-Fiber-Reinforced Reaction-Bonded Silicon Carbide. <i>Inorganic Materials</i> , 2020, 56, 425-429.	0.8	6
2	Role of Structural Factor in Elevation of Wear Resistance of a Ni-Cr-B-Si Coating after Laser Treatment. <i>Metal Science and Heat Treatment</i> , 2020, 61, 581-587.	0.6	4
3	Effect of Laser Quenching on the Microstructure and the Abrasive Wear Resistance of 30KhGSA Steel. <i>Russian Metallurgy (Metally)</i> , 2020, 2020, 45-49.	0.5	0
4	Abrasive Wear Resistance of High-Speed Steel R6M5 after Laser Melting and Tempering. <i>Journal of Friction and Wear</i> , 2019, 40, 392-395.	0.5	2
5	Selective Laser Melting of Corrosion-Resistant Steel. <i>Russian Metallurgy (Metally)</i> , 2019, 2019, 1433-1437.	0.5	0
6	On the Surface Micromorphology and Structure of Stainless Steel Obtained via Selective Laser Melting. <i>Journal of Surface Investigation</i> , 2018, 12, 1082-1087.	0.5	4
7	Increasing the Wear Resistance of Steels by Multichannel Laser Hardening. <i>Russian Metallurgy (Metally)</i> , 2018, 2018, 1293-1295.	0.5	2
8	Laser cladding of NiCrBSiFe-WC coating with multichannel laser. <i>Letters on Materials</i> , 2018, 8, 268-273.	0.7	6
9	Transformation of 20D¥13 steel structure during intensive friction interactions. <i>Journal of Friction and Wear</i> , 2017, 38, 47-52.	0.5	1
10	Hardening of structural steel by a multichannel CO2 laser. <i>Letters on Materials</i> , 2017, 7, 8-11.	0.7	1
11	Surface micromorphology and abrasive wear resistance of tool steel after gas-laser cutting. <i>Journal of Surface Investigation</i> , 2016, 10, 1231-1238.	0.5	8
12	Control of the domain structure and stray fields of MEMS magnetic elements by electron microscopy. <i>Journal of Surface Investigation</i> , 2015, 9, 913-916.	0.5	0
13	Alloy Ti-6Al-4V Microstructure and Properties Prepared by Layer-by-Layer Electron-Beam Synthesis. <i>Metal Science and Heat Treatment</i> , 2015, 57, 354-358.	0.6	2
14	Strength of deposited high-speed steel in the process of gas laser cutting. <i>Metal Science and Heat Treatment</i> , 2009, 51, 352-355.	0.6	2
15	Effect of diamond smoothing on the structure and properties of the deposited metal in the laser-affected zone. <i>Metal Science and Heat Treatment</i> , 2009, 51, 606-609.	0.6	3
16	Thermal remagnetization effect in RE _{1-x} Fe _x B permanent magnets. <i>Journal of Magnetism and Magnetic Materials</i> , 1995, 140-144, 1103-1104.	2.3	3
17	Analysis of a linear position sensor with a Hall effect element. <i>Measurement Science and Technology</i> , 1994, 5, 853-860.	2.6	12