Olga G Klimova

List of Publications by Year
in descending order

29	334	933447 10	888059 17
papers	citations	h-index	g-index

31	31	31	265
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Technological Aspects of High Speed Direct Laser Deposition Based on Heterophase Powder Metallurgy. Physics Procedia, 2015, 78, 397-406.	1.2	53
2	Synthesis of ZnO tetrapods for flexible and transparent UV sensors. Nanotechnology, 2012, 23, 095502.	2.6	40
3	A Novel Method for Continuous Synthesis of ZnO Tetrapods. Journal of Physical Chemistry C, 2015, 119, 16366-16373.	3.1	30
4	High-Speed Direct Laser Deposition: Technology, Equipment and Materials. IOP Conference Series: Materials Science and Engineering, 2016, 125, 012009.	0.6	28
5	Hydrodynamic Instability in High-speed Direct Laser Deposition for Additive Manufacturing. Physics Procedia, 2016, 83, 674-683.	1.2	28
6	Inconel 625/TiB2 Metal Matrix Composites by Direct Laser Deposition. Metals, 2019, 9, 141.	2.3	25
7	Microstructure and Phase Composition of Ni-Based Alloy Obtained by High-Speed Direct Laser Deposition. Journal of Materials Engineering and Performance, 2018, 27, 6398-6406.	2.5	15
8	Effect of Thermal and Diffusion Processes on Formation of the Structure of Weld Metal in Laser Welding of Dissimilar Materials. Metal Science and Heat Treatment, 2014, 55, 569-574.	0.6	14
9	Influence of annealing on the scintillation properties of zinc oxide powders and ceramics. Radiation Measurements, 2016, 90, 136-139.	1.4	13
10	Laser-Arc hybrid welding perspective ultra-high strength steels: influence of the chemical composition of weld metal on microstructure and mechanical properties. Procedia CIRP, 2018, 74, 752-756.	1.9	13
11	Structure and properties of Ti-6Al-4V titanium alloy products obtained by direct laser deposition and subsequent heat treatment. Journal of Physics: Conference Series, 2018, 1109, 012061.	0.4	13
12	Heat Treatment of Corrosion Resistant Steel for Water Propellers Fabricated by Direct Laser Deposition. Materials, 2020, 13, 2738.	2.9	13
13	Peculiarities of additive technologies application in the production of gas turbine engine parts. Journal of Physics: Conference Series, 2018, 1109, 012051.	0.4	8
14	Development of laser powder cladding technology for restoration of heat-resistant nickel alloys turbine blades. Journal of Physics: Conference Series, 2018, 1109, 012023.	0.4	7
15	Influence of the protective atmosphere on the structure and properties parts from titanium alloy Ti-6Al-4V produced by direct laser deposition. Journal of Physics: Conference Series, 2018, 1109, 012060.	0.4	6
16	Microwave synthesis of nanosized particles of a complex oxide system with a garnet structure. Glass Physics and Chemistry, 2016, 42, 403-407.	0.7	5
17	Effect of Peculiarities of Heat Transfer, Diffusion and Phase Transformation on Joint Formation During Welding of Dissimilar Materials by High Power Fiber Laser. Physics Procedia, 2014, 56, 566-575.	1.2	4
18	Activated sintering of W-HfC composite materials. Russian Journal of Non-Ferrous Metals, 2011, 52, 285-289.	0.6	3

#	Article	IF	Citations
19	Synthesis of the Gadolinium-Yttrium-Aluminum Garnet Activated with Cerium by Spraying High Aqueous Salt Solutions. Key Engineering Materials, 2016, 721, 267-271.	0.4	3
20	High-Speed Direct Laser Deposition of 51Ni-14Co-10Cr-6Al-5Mo Alloy: Microstructure and Phase composition. Materials Today: Proceedings, 2019, 11, 144-149.	1.8	3
21	Investigation of the mechanical properties and corrosion behaviour of hybrid L 80 Type 1 and duplex steel joints produced by magnetically impelled arc butt welding. Journal of Advanced Joining Processes, 2022, 5, 100109.	2.7	3
22	Features of structure formation and properties at laser and arc surfacing from steel wire. Journal of Physics: Conference Series, 2018, 1109, 012040.	0.4	2
23	The effect of annealing on spectra and decay time of X-ray luminescence of zinc oxide powders. IOP Conference Series: Materials Science and Engineering, 2013, 49, 012028.	0.6	1
24	Theory and technology of welding of dissimilar materials by high power fiber laser. , 2014, , .		1
25	The influence of the pause time between the passages, when Stellite 6 is deposited on the turbine wheel blades of the MAR-M200 alloy. Journal of Physics: Conference Series, 2018, 1109, 012042.	0.4	1
26	Studies of Hybrid Titanium Compressor Blisks for Gas Turbine Engines Manufactured Using Additive Technologies. , 2019, , .		1
27	The Phase Composition of the Nickel-based Inconel 718 Alloy obtained by Additive Technology. Metal Working and Material Science, 2020, 22, 69-81.	0.3	1
28	Investigation of the Microstructure of Samples of the 08CrNi53MoNbTiAl Nickel-Base Alloy Obtained by Selective Laser Melting. Journal of Physics: Conference Series, 2018, 1109, 012064.	0.4	0
29	The contribution of the professor V.P. Boiko in the study of the enterpreneurship and the history of Siberian merchants. Vestnik Tomskogo Gosudarstvennogo Universiteta Istoriya, 2019, , 106-111.	0.1	0