

Il'yashchenko Dmitry

List of Publications by Year in descending order

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27
papers

114
citations

1684188

5
h-index

1588992

8
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28
all docs

28
docs citations

28
times ranked

32
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of ultra-disperse powder in electrode coating on properties of welds in MMA welding. Engineering Solid Mechanics, 2020, , 41-48.	1.2	4
2	Assessment of negative influence of manganese in welding fumes on welder's health and ways to reduce it. FME Transactions, 2020, 48, 75-81.	1.4	2
3	Assessment of welding working properties of power supplies. IOP Conference Series: Materials Science and Engineering, 2019, 681, 012037.	0.6	0
4	Effect of Inverter Power Source Characteristics on Welding Stability and Heat Affected Zone Dimensions. IOP Conference Series: Earth and Environmental Science, 2018, 115, 012041.	0.3	4
5	Influence of Welding Conditions and Different Current Sources on Formation of Welded Seam of Steel Austenitic Stainless Chromium-Nickel Steel. Metal Working and Material Science, 2018, 20, 35-45.	0.3	1
6	Investigation of the stability of melting and electrode metal transfer in consumable electrode arc welding using power sources with different dynamic characteristics. Welding International, 2017, 31, 784-790.	0.7	19
7	Improving Hygienic Characteristics of Coated Electrodes for Welding High-Alloy Steels. IOP Conference Series: Earth and Environmental Science, 2017, 50, 012047.	0.3	4
8	Mechanical Properties of the Assembly Welded Joint of the Oil Transportation Tank After a Long-Term Service. IOP Conference Series: Materials Science and Engineering, 2016, 127, 012049.	0.6	6
9	Physical Nature of the Processes in Structure Forming, Phase and Chemical Composition of pipe Permanent Joints when MMA Welding. IOP Conference Series: Materials Science and Engineering, 2016, 125, 012010.	0.6	3
10	Effect Of Dynamic Characteristics of Power Supplies on Aerosol Composition While Welding With Coated Electrodes. IOP Conference Series: Materials Science and Engineering, 2016, 142, 012007.	0.6	3
11	Study of the stability of electrode metal melting and transfer in the process of consumable electrode welding powered by supplies with differing dynamic characteristics. AIP Conference Proceedings, 2016, , .	0.4	1
12	Use of Technogenic Silica Fume and Brown Coal Semi-Coke in the Technology of Silicon Carbide. IOP Conference Series: Materials Science and Engineering, 2016, 142, 012025.	0.6	0
13	Nanosized Borides and Carbides for Electroplating. Metal-Matrix Coatings: Specifications, Performance Evaluation. IOP Conference Series: Materials Science and Engineering, 2016, 125, 012032.	0.6	6
14	Physical Nature of the Processes in Forming Structures, Phase and Chemical Compositions of Medium-Carbon Steel Welds. IOP Conference Series: Materials Science and Engineering, 2015, 91, 012006.	0.6	9
15	Increasing Strength and Operational Reliability of Fixed Joints of Tubes by MMA Welding. IOP Conference Series: Materials Science and Engineering, 2015, 91, 012007.	0.6	5
16	MAW Productivity Development and Reduction of its Harmful Effect on Human Organisms. Applied Mechanics and Materials, 2014, 682, 122-126.	0.2	6
17	Investigating the Influence of the Power Supply Type upon the Properties of the Weld Joints under Manual Arc Welding. Advanced Materials Research, 2014, 1040, 837-844.	0.3	14
18	Influence of the inverter power supply of manual arc welding on sanitary-and-hygienic characteristics of a working zone. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
19	Determination of metal losses through splashing using different power sources. <i>Welding International</i> , 2011, 25, 69-72.	0.7	6
20	Thermal imaging investigations of the temperature fields on the surface of a welded item during manual arc welding with coated electrodes. <i>Russian Journal of Nondestructive Testing</i> , 2011, 47, 724-729.	0.9	5
21	Chemical composition of welding aerosol in manual coated electrode arc welding. <i>Welding International</i> , 2011, 25, 719-721.	0.7	4
22	Splashing in manual arc coated electrode welding and methods of reducing splashing. <i>Welding International</i> , 2008, 22, 874-877.	0.7	4
23	Investigating the Influence of the Power Supply Type upon the Weld Joints Properties and Health Characteristics of the Manual Arc Welding. <i>Materials Science Forum</i> , 0, 704-705, 608-611.	0.3	6
24	Comparative Analysis of Hygiene and Sanitary Characteristics of Consumable Electrode Gas-Shielded Welding. <i>Materials Science Forum</i> , 0, 906, 137-141.	0.3	1
25	On the issue of automatic form accuracy during processing on CNC machines. <i>Revista Facultad De IngenierÃa</i> , 0, , .	0.5	0
26	Additive Manufacturing of Metal Products via Filler Wire Arc Welding (Review). <i>Materials Science Forum</i> , 0, 1064, 189-199.	0.3	1
27	Research of Drop Formation during Electric Arc Surfacing with the Use of Mechanical Control Impacts on the Electrode. <i>Materials Science Forum</i> , 0, 1064, 201-210.	0.3	0