Aleksandr Drits

List of Publications by Year
in descending order

33	79	1684188 5	1588992 8
papers	citations	h-index	g-index

33	33	33	54
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Formation of Fine-Grained Structure and Superplasticity in Commercial Aluminum Alloy 1565ch. Metal Science and Heat Treatment, 2017, 58, 543-547.	0.6	11
2	Hardenability of aluminum-lithium alloys. Metal Science and Heat Treatment, 1995, 37, 373-377.	0.6	8
3	Influence of Mg Content on Texture Development during Hot Plain-Strain Deformation of Aluminum Alloys. Metals, 2021, 11, 865.	2.3	8
4	Possibility of Application of a 1565ch Alloy in the Automotive Industry. Russian Metallurgy (Metally), 2018, 2018, 995-1001.	0.5	6
5	Effect of Annealing Conditions on the Evolution of the Grain Structure and Intermetallic Phases in the Cold-Rolled Strip of Aluminumâ€“Magnesium Alloy. Physics of Metals and Metallography, 2020, 121, 906-913.	1.0	6
6	Stability of supersaturated solid solution of aluminum alloy 1450. Metal Science and Heat Treatment, 1993, 35, 314-317.	0.6	5
7	Weldability and properties of welds of high-strength aluminum alloys of the Al â€“ Cu â€“ Li system. Metal Science and Heat Treatment, 2012, 53, 445-449.	0.6	5
8	Effect of Modes of Heterogenizing Annealing Before Cold Rolling on the Structure and Properties of Sheets from Alloy 1565ch. Metal Science and Heat Treatment, 2019, 61, 228-233.	0.6	4
9	Resistance of aluminum alloy 1201 to fatigue during high-frequency programmed and random loading. Strength of Materials, 1983, 15, 39-45.	0.5	3
10	Fatigue life and crack resistance of sheet Alî—¸Li 1460 alloy at 293 to 4 K. International Journal of Fatigue, 1993, 15, 393-400.	5.7	3
11	Mechanical properties of the welded joints of 1565ch alloy sheets at low temperatures. Russian Metallurgy (Metally), 2017, 2017, 483-488.	0.5	3
12	Investigation of fatigue life of base material and welds of 1565ch (1565Ñ‡) alloy sheets. Tsvetnye Metally, 2015, , 88-93.	0.2	3
13	Properties of the joints of sheets of 1565ch alloy in combination with other aluminum alloys that were performed by friction welding with mixing. Russian Metallurgy (Metally), 2016, 2016, 537-546.	0.5	2
14	Effect of the Grain Size of the Initial Structure of 1565chM Alloy on the Structure and Properties of the Joints Fabricated by Friction Stir Welding. Russian Metallurgy (Metally), 2017, 2017, 1042-1048.	0.5	2
15	Properties of aluminium casting alloy joints produced by friction stir welding. Tsvetnye Metally, 2020, , 76-83.	0.2	2
16	Possibility of creating weldable alloys on the basis of the system Al-Cu-Li. Metal Science and Heat Treatment, 1991, 33, 695-699.	0.6	1
17	Effect of cryogenic temperatures and high vacuum on the fatigue strength of plates made of aluminum-lithium alloy 1460. Strength of Materials, 1993, 25, 79-86.	0.5	1
18	Technological special features of production of welded aircraft structures made of 1460 aluminium-lithium alloy. Welding International, 1998, 12, 489-492.	0.7	1

#	Article	IF	Citations
19	Effect of controlled arc motion on the surface of a weldpool on the quality of a weld during argon-arc welding of a 1565chM aluminum alloy. Russian Metallurgy (Metally), 2016, 2016, 1148-1154.	0.5	1
20	Criteria for choice of parameters of friction stir welding of thin aluminium sheets. Tsvetnye Metally, 2018, , 85-93.	0.2	1
21	Microstructural evolution and crystallographic texture in the production of aluminium strips for food containers industry. Part 2. Tsvetnye Metally, 2018, , 62-69.	0.2	1
22	Effect of scandium doping of welding wire on the mechanical properties and structure of welded joints made of aluminium alloys. Tsvetnye Metally, 2019, , 67-78.	0.2	1
23	Microstructural evolution and crystallographic texture in the production of aluminium strips for food containers industry. Part 1. Tsvetnye Metally, 2018, , 74-81.	0.2	1
24	Characteristics of the increase in strength of alloy D1 during deformation. Metal Science and Heat Treatment, 1975, 17, 861-863.	0.6	0
25	Certain ways to improve duralumins. Metal Science and Heat Treatment, 1983, 25, 520-527.	0.6	0
26	Effect of chemical composition on the structural strength characteristics of alloy 1201 sheet. Metal Science and Heat Treatment, 1984, 26, 627-631.	0.6	0
27	Properties of alloy 1973(T2) with an unrecrystallized structure. Metal Science and Heat Treatment, 1990, 32, 790-794.	0.6	0
28	Dependence of crack and corrosion resistance of alloy 1450 on cooling conditions during quenching. Metal Science and Heat Treatment, 1992, 34, 762-765.	0.6	0
29	Prospects of usage of alloy 1565ch with new approach to aluminium alloys application in armor plating of light fighting machines. Tsvetnye Metally, 2017, , 80-84.	0.2	0
30	Optimization of mechanical properties and hardness of cold-worked plates out of 1565ch aluminium alloy. Non-ferrous Metals, 2017, , 26-29.	0.2	0
31	Mechanical properties of AD0 plate joints produced by TIG welding and FSW. Tsvetnye Metally, 2018, , 82-87.	0.2	0
32	Deformation behavior of 1565ch alloy during hot uniaxial upsetting. Tsvetnye Metally, 2019, , 62-68.	0.2	0
33	Effect of post weld heat treatment on the properties and structure of friction stir welded joints of AV aluminium alloy. Tsvetnye Metally, 2020, , 81-87.	0.2	0