

Anton A Naumov

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

171
citations

1307594
7
h-index

1281871
11
g-index

29
all docs

29
docs citations

29
times ranked

96
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructure and Mechanical Properties of Welds of Al–Mg–Si Alloys After Different Modes of Impulse Friction Stir Welding. <i>Metal Science and Heat Treatment</i> , 2018, 59, 697-702.	0.6	20
2	Metallurgical and Mechanical Characterization of High-Speed Friction Stir Welded AA 6082-T6 Aluminum Alloy. <i>Materials</i> , 2019, 12, 4211.	2.9	18
3	Microstructural evolution and mechanical performance of Al–Cu–Li alloy joined by friction stir welding. <i>Journal of Materials Research and Technology</i> , 2020, 9, 14454-14466.	5.8	17
4	Production of ultrafine-grained sheet from ultralow-carbon steel by pack rolling. <i>Metal Science and Heat Treatment</i> , 2007, 49, 561-565.	0.6	16
5	Structural evolution of high-strength dual-phase steel in hot rolling. <i>Steel in Translation</i> , 2013, 43, 455-459.	0.3	13
6	Research into structure and rheological and relaxation properties of nanocrystalline beryllium at temperatures of hot rolling and research into stress relaxation kinetics in different sorts of beryllium. <i>Nanotechnologies in Russia</i> , 2014, 9, 430-440.	0.7	12
7	Novel Physical Simulation Technique Development for Multistage Metal Plastic Deformation Processing. <i>Materials Science Forum</i> , 2013, 762, 62-69.	0.3	10
8	Impact of Impulses on Microstructural Evolution and Mechanical Performance of Al-Mg-Si Alloy Joined by Impulse Friction Stir Welding. <i>Materials</i> , 2021, 14, 347.	2.9	10
9	Tension-compression method in the simulation of multistage plastic deformation. <i>Steel in Translation</i> , 2014, 44, 71-79.	0.3	9
10	Gas Metal Arc Welding Modes in Wire Arc Additive Manufacturing of Ti-6Al-4V. <i>Materials</i> , 2021, 14, 2457.	2.9	9
11	Effect of the Temperature of Friction Stir Welding on the Microstructure and Mechanical Properties of Welded Joints of an Al–Cu–Mg Alloy. <i>Metal Science and Heat Treatment</i> , 2019, 60, 695-700.	0.6	6
12	Microstructure and Mechanical Properties of Dissimilar Al–Cu Joints Formed by Friction Stir Welding. <i>Metal Science and Heat Treatment</i> , 2019, 60, 734-738.	0.6	5
13	Temperature Distribution and Welding Distortion Measurements After FSW of Al 6082-T6 Sheets. , 2015, , 289-295.		5
14	Effect of Different Tool Probe Profiles on Material Flow of Al–Mg–Cu Alloy Joined by Friction Stir Welding. <i>Materials</i> , 2021, 14, 6296.	2.9	4
15	Consumable Tool for Coating Deposition by Joint Deformation of the Base and Tool Materials. <i>Russian Metallurgy (Metally)</i> , 2019, 2019, 1399-1406.	0.5	3
16	Comparative Analysis of the Mechanical Properties of the Friction Stir Welding Joints of Various Aluminum Alloys. <i>Russian Metallurgy (Metally)</i> , 2019, 2019, 1531-1536.	0.5	3
17	Comparative Analysis of the Mechanical Properties of Aluminum Alloys Welded Joints Obtained by Friction Stir Welding. , 2018, , .		3
18	Research of Dynamic Recrystallization Processes in Heat-Resistant Ni-Based Alloy. <i>Key Engineering Materials</i> , 2015, 651-653, 156-162.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Numerical Simulation of Temperature Distribution and Material Flow during Friction Stir Welding of Magnesium Alloy. , 2019, , .		2
20	Development of Hot Rolling Schedules for Lean Alloyed Pipeline Steel X80 Produced on Continuous Mill 2000. Materials Science Forum, 0, 783-786, 938-943.	0.3	1
21	Research of Temperature Distribution during Friction Stir Welding of 2 mm AW 6082 Sheets. Key Engineering Materials, 2015, 651-653, 1501-1506.	0.4	1
22	Temperature Influence on Microstructure and Properties Evolution of Friction Stir Welded Al-Mg-Si Alloy. Key Engineering Materials, 0, 822, 122-128.	0.4	1
23	Numerical Simulation of Hot High Strain Rate Torsion Tests for Al-Based Alloys. Key Engineering Materials, 2019, 822, 66-71.	0.4	1
24	Approvement of "Tension-Compression" Technique Developed for Physical Simulation of Multistage Metal Plastic Deformation Processing. Advanced Materials Research, 0, 922, 37-42.	0.3	0
25	Physical Simulation of Pipes Production Cycle for Lean Alloyed Pipeline Steel X80. Key Engineering Materials, 2015, 651-653, 260-265.	0.4	0
26	Experimental and Numerical Investigations of High Strain Rate Torsion Tests of Al-Based Alloys at Elevated Temperatures. Minerals, Metals and Materials Series, 2021, , 179-186.	0.4	0
27	Development of Methodology to Determine the Temperature Influence on Microstructure Evolution during Friction Stir Welding. , 2018, , .		0
28	Finite Element Simulation of Temperature Field during FSW of Dissimilar Al-Cu Joint. , 2018, , .		0
29	Physical and Numerical Simulation of Friction Stir Welding for Al-Based Alloys. , 2019, , .		0