

# Anton A Naumov

## List of Publications by Year in descending order

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29  
papers

171  
citations

1307594

7  
h-index

1281871

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docs citations

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times ranked

96  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Experimental and Numerical Investigations of High Strain Rate Torsion Tests of Al-Based Alloys at Elevated Temperatures. <i>Minerals, Metals and Materials Series</i> , 2021, , 179-186.	0.4	0
3	Gas Metal Arc Welding Modes in Wire Arc Additive Manufacturing of Ti-6Al-4V. <i>Materials</i> , 2021, 14, 2457.	2.9	9
4	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
5	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
6	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
7	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
8	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
9	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
10	Metallurgical and Mechanical Characterization of High-Speed Friction Stir Welded AA 6082-T6 Aluminum Alloy. <i>Materials</i> , 2019, 12, 4211.	2.9	18
11	Numerical Simulation of Hot High Strain Rate Torsion Tests for Al-Based Alloys. <i>Key Engineering Materials</i> , 2019, 822, 66-71.	0.4	1
12	Physical and Numerical Simulation of Friction Stir Welding for Al-Based Alloys. , 2019, , .		0
13	Numerical Simulation of Temperature Distribution and Material Flow during Friction Stir Welding of Magnesium Alloy. , 2019, , .		2
14	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
15	Comparative Analysis of the Mechanical Properties of Aluminum Alloys Welded Joints Obtained by Friction Stir Welding. , 2018, , .		3
16	Development of Methodology to Determine the Temperature Influence on Microstructure Evolution during Friction Stir Welding. , 2018, , .		0
17	Finite Element Simulation of Temperature Field during FSW of Dissimilar Al-Cu Joint. , 2018, , .		0
18	Physical Simulation of Pipes Production Cycle for Lean Alloyed Pipeline Steel X80. <i>Key Engineering Materials</i> , 2015, 651-653, 260-265.	0.4	0

#	ARTICLE	IF	CITATIONS
19	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
20	Research of Dynamic Recrystallization Processes in Heat-Resistant Ni-Based Alloy. Key Engineering Materials, 2015, 651-653, 156-162.	0.4	2
21	Temperature Distribution and Welding Distortion Measurements After FSW of Al 6082-T6 Sheets. , 2015, , 289-295.		5
22	Tension-compression method in the simulation of multistage plastic deformation. Steel in Translation, 2014, 44, 71-79.	0.3	9
23	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. Nanotechnologies in Russia, 2014, 9, 430-440.	0.7	12
24	Structural evolution of high-strength dual-phase steel in hot rolling. Steel in Translation, 2013, 43, 455-459.	0.3	13
25	Novel Physical Simulation Technique Development for Multistage Metal Plastic Deformation Processing. Materials Science Forum, 2013, 762, 62-69.	0.3	10
26	Production of ultrafine-grained sheet from ultralow-carbon steel by pack rolling. Metal Science and Heat Treatment, 2007, 49, 561-565.	0.6	16
27	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
28	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
29	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