

# Marina Tikhonova

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

348  
citations

1040056

9  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

228  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strain-induced grain evolution in an austenitic stainless steel under warm multiple forging. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 564, 413-422.	5.6	65
2	Structural strengthening of an austenitic stainless steel subjected to warm-to-hot working. <i>Materials Characterization</i> , 2011, 62, 432-437.	4.4	63
3	Microstructure and Mechanical Properties of Austenitic Stainless Steels after Dynamic and Post-Dynamic Recrystallization Treatment. <i>Advanced Engineering Materials</i> , 2018, 20, 1700960.	3.5	46
4	Grain boundary assemblies developed in an austenitic stainless steel during large strain warm working. <i>Materials Characterization</i> , 2012, 70, 14-20.	4.4	31
5	$\{111\}$ CSL boundary distributions in an austenitic stainless steel subjected to multidirectional forging followed by annealing. <i>Philosophical Magazine</i> , 2014, 94, 4181-4196.	1.6	26
6	Regularities of Grain Refinement in an Austenitic Stainless Steel during Multiple Warm Working. <i>Materials Science Forum</i> , 2013, 753, 411-416.	0.3	15
7	Submicrocrystalline Austenitic Stainless Steel Processed by Cold or Warm High Pressure Torsion. <i>Materials Science Forum</i> , 0, 838-839, 398-403.	0.3	14
8	Dynamically Recrystallized Microstructures, Textures, and Tensile Properties of a Hot Worked High-Mn Steel. <i>Metals</i> , 2019, 9, 30.	2.3	14
9	On Kinetics of Grain Refinement and Strengthening by Dynamic Recrystallization. <i>Advanced Engineering Materials</i> , 2019, 21, 1800104.	3.5	12
10	Effect of Warm to Hot Rolling on Microstructure, Texture and Mechanical Properties of an Advanced Medium-Mn Steel. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019, 50, 4245-4256.	2.2	11
11	Grain Boundary Assemblies in Dynamically-Recrystallized Austenitic Stainless Steel. <i>Metals</i> , 2016, 6, 268.	2.3	10
12	Microstructures and Mechanical Properties of Steels and Alloys Subjected to Large-Strain Cold-to-Warm Deformation. <i>Metals</i> , 2022, 12, 454.	2.3	8
13	Effect of SPD Processing Technique on Grain Refinement and Properties of an Austenitic Stainless Steel. <i>Materials Science Forum</i> , 2016, 879, 1957-1962.	0.3	7
14	Peculiarities of DRX in a Highly-Alloyed Austenitic Stainless Steel. <i>Materials</i> , 2021, 14, 4004.	2.9	7
15	The Formation of Fine-Grained Structure in S304H-Type Austenitic Stainless Steel during Hot-To-Warm Working. <i>Materials Science Forum</i> , 2012, 715-716, 380-385.	0.3	6
16	Dynamic Recrystallization Mechanisms Operating under Different Processing Conditions. <i>Materials Science Forum</i> , 0, 706-709, 2704-2709.	0.3	5
17	On Regularities of Grain Refinement through Large Strain Deformation. <i>Materials Science Forum</i> , 2016, 838-839, 314-319.	0.3	3
18	The Formation of Submicrometer Scale Grains in a Super304H Steel during Multiple Compressions at 700°C. <i>Materials Science Forum</i> , 2010, 667-669, 565-570.	0.3	2

#	ARTICLE	IF	CITATIONS
19	Static Grain Growth in an Austenitic Stainless Steel Subjected to Intense Plastic Straining. Materials Science Forum, 0, 783-786, 1021-1026.	0.3	2
20	Kinetics of Grain Refinement by Warm Deformation of 304-Type Stainless Steel. Materials Science Forum, 0, 706-709, 2326-2331.	0.3	1