

Vladimir I Torganchuk

List of Publications by Year in descending order

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1478505

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#	ARTICLE	IF	CITATIONS
1	Microstructure evolution and strengthening mechanisms in friction-stir welded TWIP steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 746, 248-258.	5.6	28
2	Effect of rolling temperature on microstructure and mechanical properties of 18%Mn TWIP/TRIP steels. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 708, 110-117.	5.6	21
3	Microstructure and Mechanical Properties of 18%Mn TWIP/TRIP Steels Processed by Warm or Hot Rolling. <i>Steel Research International</i> , 2017, 88, 1600123.	1.8	13
4	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
5	Improving Mechanical Properties of 18%Mn TWIP Steels by Cold Rolling and Annealing. <i>Metals</i> , 2019, 9, 776.	2.3	8
6	Deformation Behavior of High-Mn TWIP Steels Processed by Warm-to-Hot Working. <i>Metals</i> , 2018, 8, 415.	2.3	7
7	Hot Deformation and Dynamic Recrystallization of 18%Mn Twinning-Induced Plasticity Steels. <i>Advanced Engineering Materials</i> , 2020, 22, 2000098.	3.5	5
8	Microstructure and Mechanical Properties of an Ultrafine Grained Medium-Mn Steel. <i>Defect and Diffusion Forum</i> , 2018, 385, 308-313.	0.4	3
9	On friction stir welding of a medium manganese austenitic steel. <i>Philosophical Magazine</i> , 2021, 101, 576-597.	1.6	2
10	Microstructure and Mechanical Properties of Medium Manganese Steel after Different Deformation and Thermal Treatments. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2020, 84, 867-870.	0.6	1
11	Advanced automobile steels subjected to plate rolling at 773 K or 1373 K. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
12	Mechanical Behavior of High-Mn Steels Processed by Hot Rolling. <i>Materials Science Forum</i> , 2018, 941, 299-304.	0.3	0
13	Effect of pre-strain rolling path on abnormal grain growth in friction-stir welded Al-Mg-Si alloy. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0