

Mei Zhang

List of Publications by Year in descending order

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16
papers

190
citations

1307594

7
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1125743

13
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16
all docs

16
docs citations

16
times ranked

150
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructure and tensile properties of the laser welded TWIP steel and the deformation behavior of the fusion zone. <i>Materials and Design</i> , 2015, 83, 103-111.	7.0	44
2	Influence of microstructure and pre-straining on the bake hardening response for ferrite-martensite dual-phase steels of different grades. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 708, 129-141.	5.6	37
3	Effect of deep cryogenic pretreatment on microstructure and mechanical properties of warm-deformed 7 Mn steel after intercritical annealing. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 764, 138202.	5.6	19
4	Kinetics and Numerical Simulation of Dynamic Recrystallization Behavior of Medium Mn Steel in Hot Working. <i>Steel Research International</i> , 2020, 91, 1900675.	1.8	18
5	Hot Ductility and Compression Deformation Behavior of TRIP980 at Elevated Temperatures. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2018, 49, 1-12.	2.1	13
6	Electron Backscattered Diffraction Study of Microstructural Evolution During Isothermal Deformation of High-N Mn18Cr18 Alloy. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2019, 50, 1662-1673.	2.1	13
7	A novel process combining thermal deformation and intercritical annealing to enhance mechanical properties and avoid L ^{1/4} ders strain of Fe-0.2C ⁷ Mn TRIP steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 839, 142849.	5.6	12
8	A Modified Constitutive Model and Dynamic Recrystallization Behavior of High [€] N Mn18Cr18 Alloy. <i>Steel Research International</i> , 2017, 88, 1600433.	1.8	8
9	Effect of welding speed on microstructure and mechanical properties of laser-welded transformation induced plasticity (TRIP) steels. <i>Journal of Iron and Steel Research International</i> , 2020, 27, 1087-1098.	2.8	7
10	Forming Limit Curve (FLC) and Fracture Mechanism of Newly Developed Low [€] Carbon Low [€] Silicon TRIP Steel. <i>Steel Research International</i> , 2007, 78, 501-505.	1.8	5
11	Microstructure Evolution and Kinetics of Static Recrystallization of Medium Mn Steel in the Two [€] Hit Isothermal Compression. <i>Steel Research International</i> , 2021, 92, 2000443.	1.8	5
12	Elevated Temperature Deformation Characteristics of 15Mn7 Steels. <i>Procedia Manufacturing</i> , 2019, 37, 360-366.	1.9	4
13	Influence of Strain-Induced Retained Austenite Transformation on the Dynamic Tensile Behaviour of TRIP-aided Steels. <i>Steel Research International</i> , 2007, 78, 554-559.	1.8	2
14	Microstructure Characteristic and Mechanical Properties of a Novel Fe-0.15C-3.5Mn-1Ni TRIP Steel. <i>Transactions of the Indian Institute of Metals</i> , 0, , .	1.5	2
15	Study on static softening behavior and hot working performance of Fe-0.2C-7Mn steel. <i>Materials Research Express</i> , 2022, 9, 056502.	1.6	1
16	Influence of soaking temperature on microstructure of multi-pass compression deformation for low carbon steels. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2011, 16, 360-363.	0.9	0