

Mei Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1804607/publications.pdf>

Version: 2024-02-01

16
papers

190
citations

1307594

7
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

150
citing authors

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