

Ari Saastamoinen

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

187
citations

1307594
7
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

180
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of finish rolling temperature and tempering on the microstructure, mechanical properties and dislocation density of direct-quenched steel. <i>Materials Characterization</i> , 2018, 139, 1-10.	4.4	58
2	Constitutive modelling of hot deformation behaviour of a CoCrFeMnNi high-entropy alloy. <i>Science and Technology of Advanced Materials</i> , 2020, 21, 43-55.	6.1	42
3	The effect of tempering temperature on microstructure, mechanical properties and bendability of direct-quenched low-alloy strip steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 730, 284-294.	5.6	25
4	The effect of thermomechanical treatment and tempering on the subsurface microstructure and bendability of direct-quenched low-carbon strip steel. <i>Materials Characterization</i> , 2017, 134, 172-181.	4.4	22
5	Direct-quenched and tempered low-C high-strength structural steel: The role of chemical composition on microstructure and mechanical properties. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 760, 346-358.	5.6	21
6	Microstructure and Mechanical Properties of Nb and V Microalloyed TRIP-Assisted Steels. <i>Metals</i> , 2019, 9, 887.	2.3	10
7	Quenching and Partitioning of Multiphase Aluminum-Added Steels. <i>Metals</i> , 2019, 9, 373.	2.3	7
8	Fast Salt Bath Heat Treatment for a Bainitic/Martensitic Low-Carbon Low-Alloyed Steel. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2015, 46, 5343-5349.	2.2	2