

Chao Liu

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

96
citations

1478505

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1372567

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14
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14
docs citations

14
times ranked

54
citing authors

#	ARTICLE	IF	CITATIONS
1	Motion Behavior of Nonmetal Inclusions at the Interface of Steel and Slag, Part II: Model Application and Discussion. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2014, 45, 2453-2463.	2.1	29
2	Effect of Phase Transformation and Latent Heat on Hot Rolling Deformation Behavior of Non-oriented Electrical Steel. ISIJ International, 2017, 57, 857-865.	1.4	13
3	Leader-following flocking for unmanned aerial vehicle swarm with distributed topology control. Science China Information Sciences, 2020, 63, 1.	4.3	11
4	Towards a robust FANET: Distributed node importance estimation-based connectivity maintenance for UAV swarms. Ad Hoc Networks, 2022, 125, 102734.	5.5	11
5	A rapid calculation method for predicting roll deformation of six-high rolling mill. Journal of Iron and Steel Research International, 2018, 25, 901-909.	2.8	9
6	Effect of Internal Stress of Incoming Strip on Hot Rolling Deformation Based on Finite Element and Infinite Element Coupling Method. Metals, 2018, 8, 92.	2.3	8
7	Generation mechanism of quarter buckle in hot-rolled temper rolling. Journal of Iron and Steel Research International, 2022, 29, 1619-1632.	2.8	5
8	High-Temperature Unified Constitutive Model of Non-Oriented Electrical Steel Based on Transformation Kinetics Equation and Dislocation Density Theory. Steel Research International, 2017, 88, 1700097.	1.8	3
9	Effect of Volume Changes on Hot Rolling Deformation Behavior of Non-oriented Electrical Steel. ISIJ International, 2017, 57, 1595-1602.	1.4	3
10	Distributed connectivity maintenance for Flying Ad-hoc Networks considering bridging links. Physical Communication, 2021, 48, 101409.	2.1	2
11	Effects of Temperature and Phase Transformation on Post-buckling Behavior of Non-oriented Electric Steel during Hot Finishing Rolling. ISIJ International, 2020, 60, 318-323.	1.4	1
12	Online Roll Force Model for Non-Oriented Electrical Steel Considering Temperature-Transformation-Roll Force Coupling Effect. Materials Transactions, 2020, 61, 641-646.	1.2	1
13	Exploratory experiment of non carbon metallurgy with wind-solar hybrid power. , 2013, , .		0
14	Rapid Stress Analytical Solutions of Steel Strips Subjected to Non-uniform Tensile Loads Based on New Symplectic Method. International Journal of Steel Structures, 2020, 20, 1596-1605.	1.3	0