

Guojun Cai

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

91
citations

1684188

5
h-index

1474206

9
g-index

14
all docs

14
docs citations

14
times ranked

40
citing authors

#	ARTICLE	IF	CITATIONS
1	Ordered Structure, Dislocation, and Grain Boundary Character Distribution and Their Effects on Warm Deformation in Soft-Magnetic Fe-6.9Si-0.01B Alloy. <i>Steel Research International</i> , 2021, 92, 2000269.	1.8	2
2	Hot Deformation Behavior, Dislocation Glide and Microstructural Evolution of Soft-Magnetic Fe-6.9Si-0.03Y Alloy. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 1914-1925.	2.5	0
3	The significance of Ce on hot compression deformation and mechanical behavior of Fe-6.9 wt%Si alloy: Decrease of order degree and transformation of dislocations. <i>Materials Characterization</i> , 2020, 163, 110220.	4.4	12
4	Role of Inclusion, Microstructure and Texture Evolution in Soft Magnetic Properties of Fe-6.9 wt%Si Alloy with Yttrium Doping. <i>ISIJ International</i> , 2020, 60, 2541-2548.	1.4	2
5	Effects of Ce on DO3-Ordered Phase, Coincident Site Lattice Grain Boundary and Plastic Deformation of Fe-6.9 wt%Si Alloy. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 1080-1089.	2.5	4
6	Investigation of {001} Texture Reservation and Grain Boundary Character Distribution of Fe-6.9 wt%Si Magnetic Material by Warm-Cold Rolling. <i>Steel Research International</i> , 2019, 90, 1900093.	1.8	3
7	Effects of Ce Addition on Grain Boundary Character Distribution, Corrosion Behavior and Impact Toughness of AISI 204Cu Stainless Steel. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 3683-3694.	2.5	14
8	Roles of Inclusion, Texture and Grain Boundary in Corrosion Resistance of Low-Nickel Austenite Stainless Steel Containing Ce. <i>ISIJ International</i> , 2019, 59, 2302-2310.	1.4	12
9	Effects of Coincident Site Lattice Grain Boundaries and Ordered Structures on Mechanical Properties of High Silicon Steel. <i>Steel Research International</i> , 2019, 90, 1800430.	1.8	5
10	Effect of rolling reduction on antiphase domains, grain boundary character distribution and plastic deformation of Fe-6.5 wt%Si alloy. <i>Materials Letters</i> , 2019, 238, 249-253.	2.6	6
11	An experimental investigation on B2 phase transfer and grain boundary character on mechanical properties of rapidly cooled Fe-6.5 wt% Si alloy. <i>Journal of Materials Research</i> , 2018, 33, 507-515.	2.6	5
12	An investigation on the role of texture evolution and ordered phase transition in soft magnetic properties of Fe-6.5 wt%Si electrical steel. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 430, 70-77.	2.3	18
13	Impact of rolling temperature on microstructure, ordered phases, and ductility in Fe-6.5 wt% Si magnetic material. <i>Journal of Materials Research</i> , 2016, 31, 3004-3015.	2.6	5
14	Effects of warm rolling reduction on the microstructure, texture and magnetic properties of Fe-6.5 wt% Si steel. <i>Journal of Materials Research</i> , 2016, 31, 1773-1783.	2.6	3