Guojun Cai

List of Publications by Year
in descending order

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