

Chengyi Zhu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Effect of Na ₂ O and K ₂ O on the Partition Ratio of Phosphorus between CaO-SiO ₂ -Fe ₂ O ₃ -P ₂ O ₅ Slag and Carbon-Saturated Iron. Steel Research International, 2013, 84, 687-694.	1.8	19
2	Physical Simulation of Molten Steel Homogenization and Slag Entrapment in Argon Blown Ladle. Processes, 2019, 7, 479.	2.8	6
3	The effect of Nb content on precipitates, microstructure and texture of grain oriented silicon steel. High Temperature Materials and Processes, 2019, 38, 628-638.	1.4	6
4	Effect of Nb content on primary recrystallization microstructure, texture and magnetic properties of grain-oriented silicon steel manufactured by low-temperature slab reheating. Journal of Magnetism and Magnetic Materials, 2020, 516, 167343.	2.3	6
5	Effect of Niobium on Precipitates and Texture Evolution of Fe-3% Si Grain-oriented Electrical Steel Annealed Hot Band. ISIJ International, 2017, 57, 2245-2254.	1.4	5
6	Influence of Nb Content on Precipitation, Grain Microstructure, Texture and Magnetic Properties of Grain-Oriented Silicon Steel. Materials, 2020, 13, 5581.	2.9	5
7	Effect of Graphene/Graphene Oxide on Wear Resistance and Thermal Conductivity of Co-Ni Coatings. Jom, 2020, 72, 4264-4272.	1.9	4
8	Influence of Inclusions on Magnetic Properties of Al-Killed Non-oriented Silicon Steels. Jom, 2022, 74, 2645-2655.	1.9	4
9	A New Review on Inclusion and Precipitate Control in Grain-Oriented Silicon Steels. Jom, 2022, 74, 3141-3161.	1.9	4
10	Effect of Acid-Soluble Aluminum Content on Precipitates and Microstructure of Annealed Hot-Rolled Grain-Oriented Silicon Steel. Steel Research International, 2016, 87, 1702-1714.	1.8	3
11	Effect of Normalizing Annealing Temperature on Precipitates and Texture of Nb-Cr-Bearing Decarburized Grain-Oriented Silicon Steels. Metals, 2019, 9, 457.	2.3	3
12	Effect of decarburisation and nitriding on the carbon content, precipitates, microstructure and texture of Nb-bearing grain-oriented silicon steel. Materials at High Temperatures, 2020, 37, 155-164.	1.0	3
13	Role of Nb-bearing inhibitors in grain-oriented silicon steel manufactured by low-temperature slab reheating process. Ironmaking and Steelmaking, 0, , 1-10.	2.1	1
14	Micro Characterization of Hot-Rolled Plate of Nb-Bearing Grain-Oriented Silicon Steel. Materials, 2022, 15, 429.	2.9	1