

Yong Wan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effect of Final Electromagnetic Stirring Parameters on Central Cross-Sectional Carbon Concentration Distribution of High-Carbon Square Billet. <i>Metals</i> , 2019, 9, 665.	2.3	11
2	Mechanism of Phosphorus Enrichment in Dephosphorization Slag Produced Using the Technology of Integrating Dephosphorization and Decarburization. <i>Metals</i> , 2021, 11, 216.	2.3	8
3	Dephosphorisation of hot metal containing moderate amounts of chromium with $\text{CaO}\text{-}\text{FeO}\text{-}\text{Cr}_2\text{O}_3\text{-}\text{CaF}_2$ slag. <i>Ironmaking and Steelmaking</i> , 2021, 48, 868-877.	2.1	5
4	Morphological changes of elongated MnS inclusions during heat treatment process. <i>Ironmaking and Steelmaking</i> , 2021, 48, 222-228.	2.1	4
5	An investigation on microstructure evolution and mechanical properties of cryogenic steel rebars under different cooling conditions. <i>Materials Research Express</i> , 2019, 6, 106592.	1.6	3
6	Effects of Al content and solidification rate on the crystal orientation of directionally solidified 1.3 wt% Si non-oriented electrical steel. <i>Materials Research Express</i> , 2019, 6, 1165b4.	1.6	3
7	A New Method for Plasticization of Inclusions in Saw-Wire Steel by NaF Addition. <i>Metals</i> , 2020, 10, 704.	2.3	2
8	Dephosphorization of Hot Metal Containing High Phosphorus Using F-free $\text{CaO}\text{-}\text{SiO}_2\text{-}\text{Al}_2\text{O}_3\text{-}\text{Fe}_2\text{O}_3$ Slag. <i>Transactions of the Indian Institute of Metals</i> , 2021, 74, 1655.	1.5	2
9	Effect of Ag Content on the Microstructure and Magnetic Properties of Grain-oriented Silicon Steels. <i>ISIJ International</i> , 2016, 56, 661-668.	1.4	2
10	Effect of Si Content on the Formation of {100} Orientation in 0.27% Al Non-oriented Electrical Steel during Cell-to-Dendrite Transition Process. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 3030-3039.	2.5	1
11	Research on Rare Earth Tailings-Based Slag Used for Dephosphorization of Hot Metal Containing Moderate Amounts of Chromium. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2022, 53, 2377-2385.	2.1	1
12	Dynamic recrystallization behavior and texture evolution of as-cast Fe-4.53%Si non-oriented electrical steel during hot compression. <i>Metallurgical Research and Technology</i> , 2021, 118, 509.	0.7	0
13	Enrichment characteristic of carbon atoms in solid-liquid zone of high carbon steel under different directional solidification rates. <i>China Foundry</i> , 2021, 18, 488-496.	1.4	0