Steel cleanliness and environmental metallurgy

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The analysis of the steel deoxidation process in a vacuum installation. IOP Conference Series: Materials Science and Engineering, 2017, 163, 012025.	0.3	2
3	*Acidithiobacillus* *ferrooxidans*: performances on the low-grade polymetallic oxidized-manganese and sulfur-nickel ores redox system. Metallurgical Research and Technology, 2018, 115, 601.	0.4	4
4	On the micromechanism of inclusion driven ductile fracture and its implications on fracture toughness. Journal of the Mechanics and Physics of Solids, 2019, 130, 21-34.	2.3	27
5	Fine Description of Multi-Process Operation Behavior in Steelmaking-Continuous Casting Process by a Simulation Model with Crane Non-Collision Constraint. Metals, 2019, 9, 1078.	1.0	8
6	A review of the current environmental challenges of the steel industry and its value chain. Journal of Environmental Management, 2020, 259, 109782.	3.8	66
7	Scheduling Model for the Practical Steelmaking-continuous Casting Production and Heuristic Algorithm Based on the Optimization of â€œFurnace-caster Matchingâ€•Mode. ISIJ International, 2020, 60, 1213-1224.	0.6	10
8	A narrative review: The electromagnetic field arrangement and the â€œbrakingâ€•effect of electromagnetic brake (EMBr) technique in slab continuous casting. Metallurgical Research and Technology, 2021, 118, 218.	0.4	3
9	End-point Temperature Preset of Molten Steel in the Final Refining Unit Based on an Integration of Deep Neural Network and Multi-process Operation Simulation. ISIJ International, 2021, 61, 2100-2110.	0.6	12
10	Quantitative evaluation of multi-process collaborative operation in steelmaking-continuous casting sections. International Journal of Minerals, Metallurgy and Materials, 2021, 28, 1353-1366.	2.4	3
11	Forecast and Control of Structure and Properties of Ultra-Low-Carbon Steels. Metallofizika I Noveishie Tekhnologii, 2021, 43, 753-768.	0.2	2
12	Environmental Impact of Steel Industry. , 2019, , 2463-2483.		5
13	Modeling Type-1 Singleton Fuzzy Logic Systems Using Statistical Parameters in Foundry Temperature Control Application. Smart and Sustainable Manufacturing Systems, 2018, 2, 20180031.	0.3	0
14	On the Chemical Composition of Non-Metallic Inclusions in Ultra-Clean Gear Steels. HTM - Journal of Heat Treatment and Materials, 2022, 77, 89-111.	0.1	2
15	A Novel Experimental Set-up for Generating Microbubbles for Removal of Inclusions. , 2023, , 369-381.		1