

Sheng Chang

List of Publications by Year in descending order

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13
papers

162
citations

1162367

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1125271

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13
docs citations

13
times ranked

73
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation of Flow and Heat Fields in a Seven-strand Tundish with Gas Curtain for Molten Steel Continuous-Casting. ISIJ International, 2015, 55, 837-844.	0.6	44
2	Removal of Inclusions Using Micro-bubble Swarms in a Four-strand, Full-scale, Water Model Tundish. ISIJ International, 2016, 56, 1188-1197.	0.6	22
3	Microbubble Swarms in a Full-Scale Water Model Tundish. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2016, 47, 2732-2743.	1.0	16
4	Motion behavior of micro-bubbles in a delta shape tundish using impact pad. Powder Technology, 2020, 367, 296-304.	2.1	14
5	Study on the slag-metal interfacial behavior under the impact of bubbles in different sizes. Powder Technology, 2021, 387, 125-135.	2.1	12
6	Regimes of Micro-bubble Formation Using Gas Injection into Ladle Shroud. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2018, 49, 953-957.	1.0	11
7	Modeling Inclusion Removal when Using Micro-bubble Swarm in a Full-Scale Tundish with an Impact Pad. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2022, 53, 526-536.	1.0	11
8	Mathematical Modeling and Microstructure Analysis of Low Carbon Steel Strips Produced by Horizontal Single Belt Casting (HSBC). Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2016, 47, 1893-1904.	1.0	8
9	Micro-bubble Formation under Non-wetting Conditions in a Full-scale Water Model of a Ladle Shroud/Tundish System. ISIJ International, 2018, 58, 60-67.	0.6	6
10	Modeling of Flow Behaviors in a Swirling Flow Tundish for the Deep Cleaning of Molten Steel. Steel Research International, 2021, 92, 2100012.	1.0	6
11	Removal of Inclusions using Swirling Flow in a Single-Strand Tundish. ISIJ International, 2022, 62, 1439-1449.	0.6	6
12	Modeling Slag Behavior When Using Micro-bubble Swarms for the Deep Cleaning of Liquid Steel in Tundishes. Steel Research International, 2017, 88, 1600328.	1.0	5
13	Bubble Formation by Short Plunging Jet in a Continuous Casting Tundish. Metals, 2020, 10, 1590.	1.0	1