

Yulong Cao

List of Publications by Year in descending order

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papers

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1478505

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#	ARTICLE	IF	CITATIONS
1	Precipitation Behavior and Elemental Distribution of MC Carbides in High Carbon and Vanadium High-Speed Steel. <i>Journal of Materials Engineering and Performance</i> , 2022, 31, 4444-4458.	2.5	6
2	Effect of Cooling Rate on Carbide Characteristics of the High Vanadium High-speed Steel. <i>ISIJ International</i> , 2022, 62, 524-531.	1.4	5
3	Element Migration and Diffusion at the Bonding Interface of the Bimetallic Composite Billet Produced by the ESRC Method. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2022, 53, 2398-2406.	2.1	1
4	Solid-state phase transformation of ductile cast iron during electroslag remelting cladding. <i>International Journal of Cast Metals Research</i> , 2021, 34, 111-119.	1.0	0
5	Characteristics of High Speed Steel/ductile Cast Iron Composite Roll Manufactured by Electroslag Remelting Cladding. <i>ISIJ International</i> , 2021, 61, 2127-2134.	1.4	4
6	Effect of Conductive Circuits on Bonding Quality of Bimetallic Composite Roll Produced by Electroslag Remelting Cladding. <i>Jom</i> , 2021, 73, 2973-2984.	1.9	0
7	Research on the bimetallic composite roll produced by a new electroslag cladding method: microstructure and property of the bonding interface. <i>Ironmaking and Steelmaking</i> , 2020, 47, 686-692.	2.1	9
8	Effect of Electrode Immersion Depth on the Electrical Resistance and Heat Generation in the Electroslag Remelting Process. <i>Jom</i> , 2020, 72, 3826-3835.	1.9	1
9	Microstructure evolution of roll core during the preparation of composite roll by electroslag remelting cladding technology. <i>High Temperature Materials and Processes</i> , 2020, 39, 270-280.	1.4	5
10	Interface Characteristics of GCr15/45 Carbon Steel Composite Billet Produced by Electroslag Remelting Cladding. <i>Materials Transactions</i> , 2020, 61, 2228-2235.	1.2	2
11	Study of a Single-Power Two-Circuit ESR Process with Current-Carrying Mold: Mathematical Simulation of the Process and Experimental Verification. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2018, 49, 349-360.	2.1	26
12	Research on the Bonding Interface of High Speed Steel/Ductile Cast Iron Composite Roll Manufactured by an Improved Electroslag Cladding Method. <i>Metals</i> , 2018, 8, 390.	2.3	13
13	Simulation of Compound Rolls Produced by Electroslag Remelting Cladding Method. <i>Metals</i> , 2018, 8, 504.	2.3	2
14	A Novel Single Power Two Circuits Electroslag Remelting with Current Carrying Mould. <i>ISIJ International</i> , 2016, 56, 1386-1393.	1.4	13
15	Numerical Simulation of the Electroslag Casting With Liquid Metal for Producing Composite Roll. <i>Steel Research International</i> , 2016, 87, 699-711.	1.8	12
16	Effective Thermal Conductivity of Slag Crust for ESR Slag. <i>ISIJ International</i> , 2015, 55, 904-906.	1.4	11