

Yulong Cao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4598166/publications.pdf>

Version: 2024-02-01

16
papers

110
citations

1478505

6
h-index

1372567

10
g-index

16
all docs

16
docs citations

16
times ranked

31
citing authors

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