

Siyu Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

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1684188
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#	ARTICLE	IF	CITATIONS
1	Mechanisms of Phase and Microstructure Formation during the Cooling of $\text{Fe}_2\text{O}_3\text{-CaO-SiO}_2\text{-Al}_2\text{O}_3$ Melts in Air and Implications for Iron Ore Sintering. ISIJ International, 2020, 60, 2659-2668.		
2	Experimental Phase Equilibria Studies in the $\text{FeO-Fe}_2\text{O}_3\text{-CaO-SiO}_2$ System in Air: Results for the Iron-Rich Region. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2020, 51, 1587-1602.	2.1	8
3	Experimental Phase Equilibria Studies in the $\text{FeO-Fe}_2\text{O}_3\text{-CaO-SiO}_2$ System and the Subsystems CaO-SiO_2 , $\text{FeO-Fe}_2\text{O}_3\text{-SiO}_2$ in Air. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2021, 52, 1891-1914.	2.1	8
4	Experimental Phase Equilibria Studies in the $\text{FeO-Fe}_2\text{O}_3\text{-CaO-Al}_2\text{O}_3$ System in Air. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2021, 52, 2416-2429.	2.1	7
5	Investigation of the Thermodynamic Stability of C(A, F) ₃ Solid Solution in the $\text{FeO-Fe}_2\text{O}_3\text{-CaO-Al}_2\text{O}_3$ System and SFCA Phase in the $\text{FeO-Fe}_2\text{O}_3\text{-CaO-SiO}_2\text{-Al}_2\text{O}_3$ System. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2021, 52, 517-527.	2.1	6
6	Experimental phase equilibria studies in the $\text{CuO}_0.5\text{-CaO-SiO}_2$ ternary system in equilibrium with metallic copper. Ceramics International, 2022, 48, 9927-9938.	4.8	2
7	Iron Ore Sinter Macro- and Micro-Structures, and Their Relationships to Breakage Characteristics. Minerals (Basel, Switzerland), 2022, 12, 631.	2.0	2