

Siyu Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1684188
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citing authors

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