

Jiangling Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Crystallization behaviors and properties of Ti-bearing blast furnace slag-based glass ceramics with varying CaO/SiO ₂ mass ratio. Journal of the Australian Ceramic Society, 2022, 58, 597-605.	1.9	3
2	Photocatalytic degradation of methyl orange by Ca doped \hat{I}^2 -In ₂ S ₃ with varying Ca concentration. Research on Chemical Intermediates, 2022, 48, 1813-1829.	2.7	9
3	In situ deposition of OD CeO ₂ quantum dots on Fe ₂ O ₃ -containing solid waste NH ₃ -SCR catalyst: Enhancing redox and NH ₃ adsorption ability. Waste Management, 2022, 149, 323-332.	7.4	17
4	<i>In situ</i> observations of isothermal cuspidine crystallization in molten mould fluxes with varying basicity. Ironmaking and Steelmaking, 2021, 48, 149-154.	2.1	2
5	Effect of Cooling Rate on the Structure of CaO-Al ₂ O ₃ -SiO ₂ -CaF ₂ -based Glassy Mold Flux. ISIJ International, 2021, 61, 1532-1538.	1.4	4
6	Hydrothermal synthesis of Ca doped \hat{I}^2 -In ₂ S ₃ for effective dyes degradation. Advanced Powder Technology, 2021, 32, 1881-1890.	4.1	17
7	Effect of Cr ₂ O ₃ on the crystallization, structure, and properties of Ti-bearing blast furnace slag-based glass ceramics. Journal of Asian Ceramic Societies, 2021, 9, 1320-1330.	2.3	9
8	Effect of B ₂ O ₃ on the structure of CaO-Al ₂ O ₃ -B ₂ O ₃ ternary melts: A molecular dynamics simulation. Journal of Non-Crystalline Solids, 2021, 574, 121141.	3.1	11
9	CO ₂ Mineral Sequestration and Faujasite Zeolite Synthesis by Using Blast Furnace Slag: Process Optimization and CO ₂ Net-Emission Reduction Evaluation. ACS Sustainable Chemistry and Engineering, 2021, 9, 13963-13971.	6.7	19
10	Roles of photo-generated holes and oxygen vacancies in enhancing photocatalytic performance over CeO ₂ prepared by molten salt method. Advanced Powder Technology, 2020, 31, 4072-4081.	4.1	41
11	Comparative Studies of Effects of Vapor- and Liquid-Phase As ₂ O ₃ on Catalytic Behaviors of V ₂ O ₅ -WO ₃ /TiO ₂ Catalysts for NH ₃ -SCR. ACS Omega, 2020, 5, 24195-24203.	3.5	15
12	The Crystallization Behaviors of SiO ₂ -Al ₂ O ₃ -CaO-MgO-TiO ₂ Glass-Ceramic Systems. Crystals, 2020, 10, 794.	2.2	18
13	Structure and Viscosity of CaO-Al ₂ O ₃ -SiO ₂ -CaF ₂ -based Glassy Mold Fluxes with Varying CaO/Al ₂ O ₃ -SiO ₂ -CaF ₂ Mass Ratios. ISIJ International, 2020, 60, 51-57.	2.4	32
14	Effect of B ₂ O ₃ on Structure of CaO-Al ₂ O ₃ -SiO ₂ -CaF ₂ -based Glassy Systems. ISIJ International, 2020, 60, 1596-1601.	2.4	10
15	Effect of B ₂ O ₃ on Structure of Glassy F-Free CaO-SiO ₂ -B ₂ O ₃ Systems by ²⁹ Si MAS NMR and Raman Spectroscopy. Jom, 2020, 72, 1414-1421.	1.9	12
16	Effects of the cooling rate on the crystallization behaviors of the CaO-Al ₂ O ₃ -SiO ₂ -B ₂ O ₃ -CaF ₂ -based mold flux. CrystEngComm, 2020, 22, 2158-2165.	2.6	5
17	Crystallization Products and Structural Characterization of CaO-SiO ₂ -Based Mold Fluxes with Varying Al ₂ O ₃ /SiO ₂ Ratios. Materials, 2019, 12, 206.	2.9	12
18	Effect of Cooling Rate on Phase and Crystal Morphology Transitions of CaO-SiO ₂ -Based Systems and CaO-Al ₂ O ₃ -Based Systems. Materials, 2019, 12, 62.	2.9	11

#	ARTICLE	IF	CITATIONS
19	Investigation the influences of B_{2O_3} and R_{2O} on the structure and crystallization behaviors of $CaO-Al_2O_3$ -based F-free mold flux. Metallurgical Research and Technology, 2018, 115, 304.	0.7	8
20	Effect of B_2O_3 on Slag-Metal Reaction between $CaO-Al_2O_3$ -Based Mold Flux and High Aluminum Steel. High Temperature Materials and Processes, 2018, 37, 981-985.	1.4	9
21	Investigation on Properties of Fluorine-Free Mold Fluxes Based on $CaO-Al_2O_3-B_2O_3$ System. Steel Research International, 2017, 88, 1600485.	1.8	21
22	Effect of Na_2O on Dissolution Rate of Alumina in $CaO-Al_2O_3-MgO-SiO_2$ Slag. ISIJ International, 2015, 55, 2297-2303.	1.4	21
23	Effect of TiO_2 Addition on Crystallization Characteristics of $CaO-Al_2O_3-O_3$ -based Mould Fluxes for High Al Steel Casting. ISIJ International, 2015, 55, 830-836.	1.4	33
24	Effect of Agitation on Crystallization Behavior of $CaO-Al_2O_3-SiO_2-Na_2O-CaF_2$ Mold Fluxes with Varying Basicity. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2015, 46, 1555-1563.	2.1	9
25	Structure and Crystallization Kinetics of Glassy $CaO-Al_2O_3-SiO_2-CaF_2-Na_2O$ Mold Fluxes with Varying Basicity. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2015, 46, 2458-2469.	2.1	28
26	Phase Relations in $CaO-SiO_2-Al_2O_3-15\%CaF_2$ System at 1523K (1250°C). Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2014, 45, 1593-1599.	2.1	7
27	Structural Study of Glassy $CaO-SiO_2-CaF_2-TiO_2$ Slags by Raman Spectroscopy and MAS-NMR. ISIJ International, 2014, 54, 721-727.	1.4	55