Jiangling Li

List of Publications by Year in descending order

27 papers	445 citations	687363 13 h-index	752698 20 g-index
27 all docs	27 docs citations	27 times ranked	231 citing authors

#	Article	IF	Citations
1	Structural Study of Glassy CaOâ€“SiO2â€“CaF2â€“TiO2 Slags by Raman Spectroscopy and MAS-NMR. ISIJ International, 2014, 54, 721-727.	1.4	55
2	Roles of photo-generated holes and oxygen vacancies in enhancing photocatalytic performance over CeO2 prepared by molten salt method. Advanced Powder Technology, 2020, 31, 4072-4081.	4.1	41
3	Effect of TiO₂ Addition on Crystallization Characteristics of CaO-Al₂O₃-based Mould Fluxes for High Al Steel Casting. ISIJ International, 2015, 55, 830-836.	1.4	33
4	Structure and Viscosity of CaOâ€“Al₂O₃â€“B₂O₃ Based Mould Fluxes with Varying CaO/Al₂O₃ Mass Ratios. ISIJ International, 2020, 60, 51-57.	1.4	32
5	Structure and Crystallization Kinetics of Glassy CaO-Al2O3-SiO2-CaF2-Na2O Mold Fluxes with Varying Basicity. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2015, 46, 2458-2469.	2.1	28
6	Effect of Na₂O on Dissolution Rate of Alumina in CaOâ€“Al₂O₃â€“MgOâ€“SiO₂ Slag. ISIJ International, 2015, 55, 2297-2303.	1.4	21
7	Investigation on Properties of Fluorineâ€Free Mold Fluxes Based on CaOâ€“Al₂O₃â€“B₂O₃ System. Steel Research International, 2017, 88, 1600485.	1.8	21
8	CO₂ Mineral Sequestration and Faujasite Zeolite Synthesis by Using Blast Furnace Slag: Process Optimization and CO₂ Net-Emission Reduction Evaluation. ACS Sustainable Chemistry and Engineering, 2021, 9, 13963-13971.	6.7	19
9	The Crystallization Behaviors of SiO2-Al2O3-CaO-MgO-TiO2 Glass-Ceramic Systems. Crystals, 2020, 10, 794.	2.2	18
10	Effect of B₂O₃ on Structure of CaOâ€“Al₂O₃â€“SiO₂â€“TiO₂â€“B<su Glassy Systems. ISIJ International, 2020, 60, 1596-1601.	1.4	17
11	Hydrothermal synthesis of Ca doped Î²-In2S3 for effective dyes degradation. Advanced Powder Technology, 2021, 32, 1881-1890.	4.1	17
12	In situ deposition of 0D CeO2 quantum dots on Fe2O3-containing solid waste NH3-SCR catalyst: Enhancing redox and NH3 adsorption ability. Waste Management, 2022, 149, 323-332.	7.4	17
13	Comparative Studies of Effects of Vapor- and Liquid-Phase As₂O₃ on Catalytic Behaviors of V₂O₅â€“WO₃/TiO₂ Catalysts for NH₃-SCR. ACS Omega, 2020, 5, 24195-24203.	3.5	15
14	Crystallization Products and Structural Characterization of CaO-SiO2-Based Mold Fluxes with Varying Al2O3/SiO2 Ratios. Materials, 2019, 12, 206.	2.9	12
15	Effect of B2O3 on Structure of Glassy F-Free CaO-SiO2-B2O3 Systems by 29Si MAS NMR and Raman Spectroscopy. Jom, 2020, 72, 1414-1421.	1.9	12
16	Effect of Cooling Rate on Phase and Crystal Morphology Transitions of CaOâ€“SiO2-Based Systems and CaOâ€“Al2O3-Based Systems. Materials, 2019, 12, 62.	2.9	11
17	Effect of B2O3 on the structure of CaO-Al2O3-B2O3 ternary melts: A molecular dynamics simulation. Journal of Non-Crystalline Solids, 2021, 574, 121141.	3.1	11
18	Effect of Agitation on Crystallization Behavior of CaO-Al2O3-SiO2-Na2O-CaF2 Mold Fluxes with Varying Basicity. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2015, 46, 1555-1563.	2.1	9

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19	Effect of B2O3 on Slag-Metal Reaction between CaO-Al2O3-Based Mold Flux and High Aluminum Steel. High Temperature Materials and Processes, 2018, 37, 981-985.	1.4	9
20	Effect of Cr₂O₃ 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
21	Photocatalytic degradation of methyl orange by Ca doped Î²-In2S3 with varying Ca concentration. Research on Chemical Intermediates, 2022, 48, 1813-1829.	2.7	9
22	Investigation the influences of B₂O₃and R₂O on the structure and crystallization behaviors of CaOâ€“Al₂O₃based F-free mold flux. Metallurgical Research and Technology, 2018, 115, 304.	0.7	8
23	Phase Relations in CaO-SiO2-Al2O3-15ÂmassÂpct CaF2 System at 1523ÂK (1250ÂÂ°C). Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2014, 45, 1593-1599.	2.1	7
24	Effects of the cooling rate on the crystallization behaviors of the CaOâ€“Al₂O₃â€“B₂O₃â€“CaF₂-based mold flux. CrystEngComm, 2020, 22, 2158-2165.	2.6	5
25	Effect of Cooling Rate on the Structure of CaOâ€“SiO₂â€“CaF₂-based Glassy Mold Flux. ISIJ International, 2021, 61, 1532-1538.	1.4	4
26	Crystallization behaviors and properties of Ti-bearing blast furnace slag-based glass ceramics with varying CaO/SiO2 mass ratio. Journal of the Australian Ceramic Society, 2022, 58, 597-605.	1.9	3
27	In situ observations of isothermal cuspidine crystallization in molten mould fluxes with varying basicity. Ironmaking and Steelmaking, 2021, 48, 149-154.	2.1	2