

Changkun Lei

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Study on cobweb-like carbon nanotubes/calcium aluminate cement and its effect on the properties of Al ₂ O ₃ -SiC-C castables. International Journal of Applied Ceramic Technology, 2022, 19, 557-568.	2.1	2
2	One-step synthesis of core-shell structured CNFs@CAC with excellent water wettability and oxidation resistance. Applied Surface Science, 2022, 573, 151497.	6.1	4
3	Preparation of CaCO ₃ coated corundum aggregates by dip-coating and heat treatment and its effects on the properties and microstructures of Al ₂ O ₃ -MgO castables. Ceramics International, 2022, 48, 5174-5186.	4.8	3
4	Catalytic combustion synthesis of CNTs/MgO composite powders and the influences on the thermal shock resistance of low-carbon Al ₂ O ₃ -C refractories. Ceramics International, 2022, 48, 10601-10612.	4.8	10
5	Effects of different carbon-containing calcium aluminate cements on the microstructure and properties of Al ₂ O ₃ -SiC-C castables. Ceramics International, 2022, 48, 11378-11391.	4.8	6
6	Effects of La ₂ O ₃ on the viscosity of copper smelting slag and corrosion resistance of magnesia refractory bricks. Ceramics International, 2022, 48, 25103-25110.	4.8	2
7	Molten-salt-assisted combustion synthesis of B ₄ C powders with high specific area and their electromagnetic wave absorbing performance. Ceramics International, 2022, 48, 34234-34242.	4.8	7
8	One step synthesis and characterization of high aspect ratio network-like carbon nanotubes containing calcium aluminate cement composite powders. Journal of Alloys and Compounds, 2021, 850, 156454.	5.5	11
9	Thermal shock resistance properties of refractory castables bonded with a CaO-free binder. Ceramics International, 2021, 47, 4238-4248.	4.8	16
10	Synthesis of in-situ high-content carbon-containing calcium aluminate cement and its effect on the properties of Al ₂ O ₃ -SiC-C castables. Journal of Asian Ceramic Societies, 2021, 9, 549-558.	2.3	6
11	Preparation of Al ₂ O ₃ @CaCO ₃ aggregates and its effects on the thermal shock resistance of Al ₂ O ₃ -MgO castables. International Journal of Applied Ceramic Technology, 2021, 18, 1379-1391.	2.1	2
12	Mechanical properties of refractory castables bonded with hydratable magnesium carboxylate-boric acid. Ceramics International, 2021, 47, 21221-21230.	4.8	6
13	Enhanced thermal shock resistance of hydratable magnesium carboxylate bonded castables via in-situ formation of micro-sized spinel. Ceramics International, 2021, 47, 29423-29434.	4.8	8
14	Improved properties of low-carbon MgO-C refractories with the addition of multilayer graphene/MgAl ₂ O ₄ composite powders. International Journal of Applied Ceramic Technology, 2020, 17, 645-656.	2.1	31
15	Combustion synthesis of B ₄ C/Al ₂ O ₃ /C composite powders and their effects on properties of low carbon MgO-C refractories. Ceramics International, 2019, 45, 16433-16441.	4.8	44