Changkun Lei

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5737136/publications.pdf

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15	158	1307594	1125743
papers	citations	7	13
		h-index	g-index

15	15	15	56
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Combustion synthesis of B4C/Al2O3/C composite powders and their effects on properties of low carbon MgO-C refractories. Ceramics International, 2019, 45, 16433-16441.	4.8	44
2	Improved properties of lowâ€carbon MgOâ€C refractories with the addition of multilayer graphene/MgAl₂O₄ composite powders. International Journal of Applied Ceramic Technology, 2020, 17, 645-656.	2.1	31
3	Thermal shock resistance properties of refractory castables bonded with a CaO-free binder. Ceramics International, 2021, 47, 4238-4248.	4.8	16
4	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
5	Catalytic combustion synthesis of CNTs/MgO composite powders and the influences on the thermal shock resistance of low-carbon Al2O3â€“C refractories. Ceramics International, 2022, 48, 10601-10612.	4.8	10
6	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
7	Molten-salt-assisted combustion synthesis of B4C powders with high specific area and their electromagnetic wave absorbing performance. Ceramics International, 2022, 48, 34234-34242.	4.8	7
8	Synthesis of in-situ high-content carbon-containing calcium aluminate cement and its effect on the properties of Al₂O₃-SiC-C castables. Journal of Asian Ceramic Societies, 2021, 9, 549-558.	2.3	6
9	Mechanical properties of refractory castables bonded with hydratable magnesium carboxylate-boric acid. Ceramics International, 2021, 47, 21221-21230.	4.8	6
10	Effects of different carbon-containing calcium aluminate cements on the microstructure and properties of Al2O3â€“SiCâ€“C castables. Ceramics International, 2022, 48, 11378-11391.	4.8	6
11	One-step synthesis of coreâ€“shell structured CNFs@CAC with excellent water wettability and oxidation resistance. Applied Surface Science, 2022, 573, 151497.	6.1	4
12	Preparation of CaCO3 coated corundum aggregates by dip-coating and heat treatment and its effects on the properties and microstructures of Al2O3â€“MgO castables. Ceramics International, 2022, 48, 5174-5186.	4.8	3
13	Preparation of Al₂O₃@CaCO₃ aggregates and its effects on the thermal shock resistance of Al₂O₃â€MgO castables. International Journal of Applied Ceramic Technology, 2021, 18, 1379-1391.	2.1	2
14	Study on cobwebâ€like carbon nanotubes/calcium aluminate cement and its effect on the properties of Al₂O₃â€“SiCâ€“C castables. International Journal of Applied Ceramic Technology, 2022, 19, 557-568.	2.1	2
15	Effects of La2O3 on the viscosity of copper smelting slag and corrosion resistance of magnesia refractory bricks. Ceramics International, 2022, 48, 25103-25110.	4.8	2