

# Leibo Deng

## List of Publications by Year in descending order

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9  
papers

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1163117  
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docs citations

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times ranked

85  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Cr <sub>2</sub> O <sub>3</sub> on the viscosity and crystallization behavior of glass ceramics based on blast furnace slag. <i>Materials Chemistry and Physics</i> , 2020, 240, 122212.	4.0	52
2	Structure and properties of in situ synthesized FeSi <sub>2</sub> -diopside glass ceramic composites from Bayan Obo tailings, blast furnace slag, and fly ash. <i>Journal of Alloys and Compounds</i> , 2019, 785, 932-943.	5.5	41
3	Effect of SiO <sub>2</sub> /MgO ratio on the crystallization behavior, structure, and properties of wollastonite-augite glass-ceramics derived from stainless steel slag. <i>Materials Chemistry and Physics</i> , 2020, 239, 122039.	4.0	38
4	Crystallization behavior and structure of CaO-MgO-Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> glass ceramics prepared from Cr-bearing slag. <i>Materials Chemistry and Physics</i> , 2021, 261, 124249.	4.0	23
5	Preparation and Corrosion Behavior of Glass-Ceramics Tubes Made of Bayan Obo Tailings and Fly Ash. <i>International Journal of Applied Ceramic Technology</i> , 2015, 12, E41.	2.1	17
6	Effect of SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> ratio on the structure and electrical properties of MgO-Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> glass-ceramics doped with TiO <sub>2</sub> . <i>Materials Chemistry and Physics</i> , 2020, 256, 123653.	4.0	15
7	Effect of SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> Ratio on the Crystallization and Heavy Metal Immobilization of Glass Ceramics Derived from Stainless Steel Slag. <i>Journal of Non-Crystalline Solids</i> , 2022, 593, 121770.	3.1	12
8	Crystallization, structure, and properties of TiO <sub>2</sub> -ZrO <sub>2</sub> co-doped MgO-B <sub>2</sub> O <sub>3</sub> -Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> glass-ceramics. <i>Journal of Non-Crystalline Solids</i> , 2022, 575, 121217.	3.1	11
9	Effect of Cr <sub>2</sub> O <sub>3</sub> on structural and magnetic properties of SiO <sub>2</sub> -B <sub>2</sub> O <sub>3</sub> -Fe <sub>2</sub> O <sub>3</sub> -Al <sub>2</sub> O <sub>3</sub> -Na <sub>2</sub> O glass-ceramics. <i>Materials Chemistry and Physics</i> , 2021, 273, 125104.	4.0	4