

Aluminate-based nanostructured luminescent materials : design of processing and functional properties
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Boosting phosphorescence efficiency by crystal anisotropy in SrAl₂O₄:Eu,Dy textured ceramic layers
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Cost-effective screen printing approach for Ce/Nd-doped ZnAl₂O₄ films: tuning crystallinity induced by the substrate
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Deep-ultraviolet emitter : rare-earth-free ZnAl₂O₄ nanofibers via a simple wet chemical route
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Doping engineering for controlled hydration and mechanical properties in Portland cement mortar with ultra-low ZnO concentration

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Enhancing NIR emission in ZnAl₂O₄:Nd,Ce nanofibers by co-doping with Ce and Nd: a promising biomarker material with low cytotoxicity

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A feasible pathway to stabilize monoclinic and tetragonal phase coexistence in barium titanate-based ceramics

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Functionalization of gamma-alumina nanofibers by alpha-alumina via solution combustion synthesis

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Light-induced strain and its correlation with the optical absorption at charged domain walls in polycrystalline ferroelectrics

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Photocontrolled strain in polycrystalline ferroelectrics via domain engineering strategy

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SrAl₂O₄ : Eu,Dy-screen-printed layers to create phosphorescent 2D shapes

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The template-assisted wet-combustion synthesis of fibrous nickel-based catalyst for carbon dioxide methanation and methane steam reform

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