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Sol-Gel

1. Role of dopant concentration and surface coating on photo-physical properties of CdS-Eu³⁺ nano-crystals
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2. A novel process for the synthesis of lithium aluminium silicate powders from rice husk ash and other water based precursor materials
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P Ghosh, A Patra
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4. Metal nanoparticle-doped coloured films on glass and polycarbonate substrates
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7. Effect of crystal structure and dopant concentration on the luminescence of Cr³⁺ in Al₂O₃ nanocrystals
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16. Synthesis of a powder precursor in the form of hydroxyhydrogel for reaction sintering of BN–mullite composite
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