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Effect of Al Doping on Structural, Electrical, Optical and Photoluminescence Properties of Nano-Structural ZnO Thin Films

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The nano-structural Al-doped ZnO thin films of different morphologies deposited on glass substrate were successfully fabricated at substrate temperature of 350 ${\hat A}^{\circ}{}^$

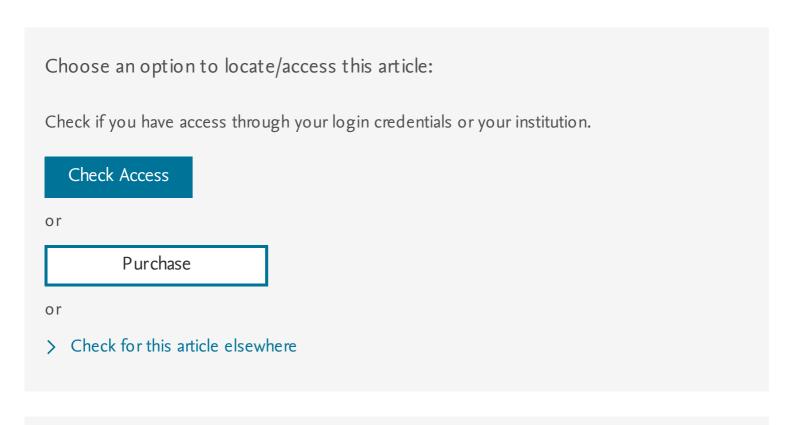
characteristic photoluminescence peaks that correspond to the near band edge (NBE) and deep level emissions (DLE), respectively emerged.



Key Words

Recommended articles

Thin film; Nano-structure; ZnO; Surface morphology; Photoluminescence



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