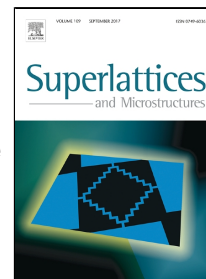


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Influence of substrate heating and annealing on the properties and photoresponse of manganese doped zinc oxide thin films

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- > Thin films of different crystalline quality were produced under different deposition and annealing conditions
- > Photoresponse for the in-plane devices fabricated using these films were studied
- > ZnO film deposited and annealed at 700 °C showed a higher responsivity, response and recovery time and the gain
- > Sensitivity to UV light was highest for ZnO film as-deposited at 700 °C

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