

## Accepted Manuscript

Influence of annealing temperature on optical properties of zinc oxide thin films analyzed by spectroscopic ellipsometry method

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PII: S0577-9073(18)30085-6  
DOI: [10.1016/j.cjph.2018.04.010](https://doi.org/10.1016/j.cjph.2018.04.010)  
Reference: CJPH 506



To appear in: *Chinese Journal of Physics*

Received date: 16 January 2018  
Revised date: 21 February 2018  
Accepted date: 4 April 2018

Please cite this article as: M. Motallebi Aghgonbad , H. Sedghi , Influence of annealing temperature on optical properties of zinc oxide thin films analyzed by spectroscopic ellipsometry method, *Chinese Journal of Physics* (2018), doi: [10.1016/j.cjph.2018.04.010](https://doi.org/10.1016/j.cjph.2018.04.010)

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## Highlights

- Sol-gel spin coating method was used to deposit ZnO thin films.
- The optical properties of the films were determined from ellipsometric data.
- The annealing effect on optical properties of ZnO thin films was studied.
- The single oscillator model was used to find various optical constants.
- Aspnes theory was used to estimate the fraction of voids.

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