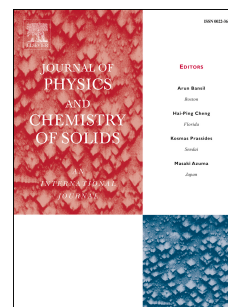


# Accepted Manuscript

Enhanced photocurrent and photocatalytic properties of porous ZnO thin film by Ag nanoparticles

Jianguo Lv, Qianqian Zhu, Zheng Zeng, Miao Zhang, Jin Yang, Min Zhao, Wenhao Wang, Yuebing Cheng, Gang He, Zhaoqi Sun



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**Highlights:**

- > Photocurrent and photocatalytic performance can be enhanced by moderate Ag nanoparticles.
- > Porous ZnO thin films could be achieved by annealing treatment.
- > Ag nanoparticles can be used to enhance separation and suppress recombination of electron-hole pairs.

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