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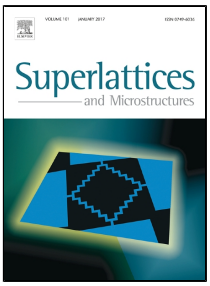

Study on Swift Heavy Ions Induced Modifications of Ag-ZnO Nanocomposite Thin Film

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Highlights of the work

- Ag-ZnO nanocomposite thin films synthesized by RF sputtering technique and irradiated with 100 MeV Ag ion beam.
- Structural and optical properties of the pristine and irradiated nanocomposite thin films are understand on the basis of SHI induced modifications.
- The blue shift in SPR band was observed at low irradiation fluence.
- These nanocomposite thin films can be useful in photocatalytic applications.