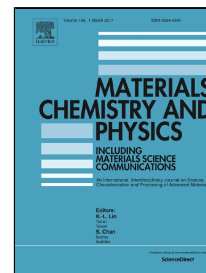


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Investigation of Superior Electro-Optical Properties of SnO₂/SiO₂ Nanocomposite over its Individual Counterpart SnO₂ Nanoparticles



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Highlights

- ✓ $\text{SnO}_2/\text{SiO}_2$ nanocomposite with anticipated superior performance was investigated.
- ✓ Synthesis of $\text{SnO}_2/\text{SiO}_2$ nanocomposite has been done using facile sol-gel method.
- ✓ The properties of $\text{SnO}_2/\text{SiO}_2$ revealed an enhancement when compared to SnO_2 .
- ✓ $\text{SnO}_2/\text{SiO}_2$ has excellent opto-electrical properties, recommended for photovoltaics.

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