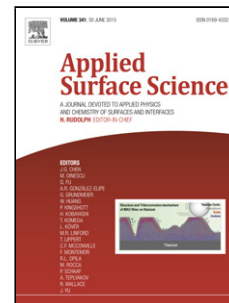


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Title: Plasmonic effect of spray-deposited Au nanoparticles on the performance of CSS CdS/CdTe solar cells

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1 **Research highlights**

- 2 • Spray pyrolysis of HAuCl_4 solution is reliable method for deposition of Au
- 3 nanoparticles
- 4 • The Au nanoparticles grain sizes 30-100 nm has been deposited on CdTe surface
- 5 • Enhanced CdTe/CdS solar cell efficiency by Au nanoparticles has been achieved
- 6

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