



# MOCVD Grown-ZnGa<sub>2</sub>O<sub>4</sub> Based Deep UV Photodetector Functional in Harsh Environment



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Current status/stage of your JDP: 4 year completed

- Grown the NiO/ZnGa<sub>2</sub>O<sub>4</sub> heteroepitaxy on sapphire substrate
- Fabricated MoS<sub>2</sub>/ZnGa<sub>2</sub>O<sub>4</sub> heterostructure based deep UV photosensor
- Studied the Gamma irradiation effects on deep UV sensor
- Two research article are under reviewed

