

Lab Feature

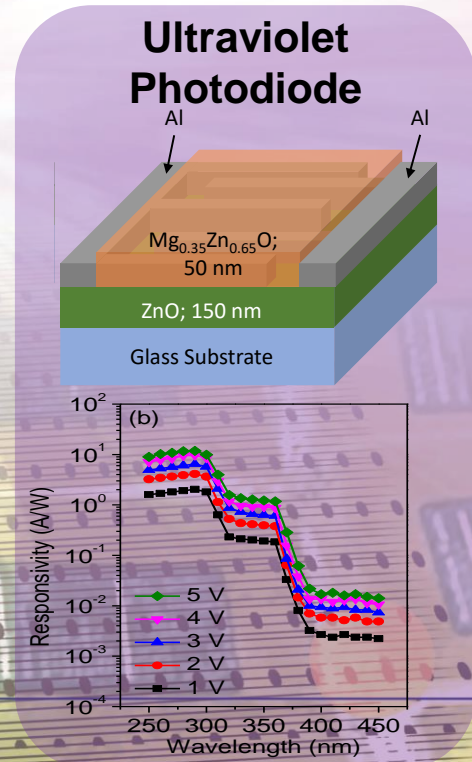
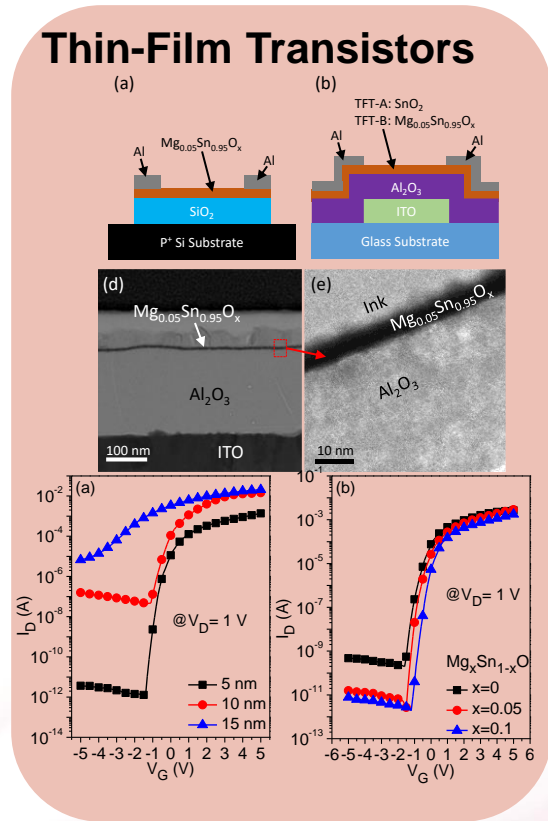
Technology of Innovation Green Electronics Research Lab focuses on oxide-based thin films deposited by ultrasonic spray pyrolysis deposition and mist chemical vapor deposition methods. Also, the application of these oxide-based thin films to semiconductor devices is the other feature of our research group.

Research Topics

- Oxide-based semiconductors and thin films
- Thin-film transistors
- Resistive random access memory
- Ultraviolet Photodiodes
- Compound semiconductors

Projects

- Development of Multifunctional Semiconductor Devices (MOST)
- Research and Development of Bionic Electronic Devices (MOST)
- Environmental Friendly Fabrication Process of Multi-functional MgZnO-based Ultraviolet Photodetectors (MOST)



Resistive Random Access Memory

