Welcome to Gao Research Group - the Molecular Diagnostics Laboratory!

Our research thrusts:

* Development of electronic biosensors based on two-dimensional (2D) materials to understand complex biological systems.
* Translation of biosensing devices into biomedical applications in early disease diagnosis, point-of-care testing, and wearable health monitoring.
* Strain- and defect-engineering in atomically thin materials and their van der Waals heterostructures for next-generation electronic biosensors.

Recent News:

* At most 3 recent News