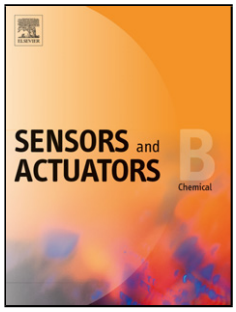

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ZnO nanorod-based FET biosensor for continuous glucose monitoring

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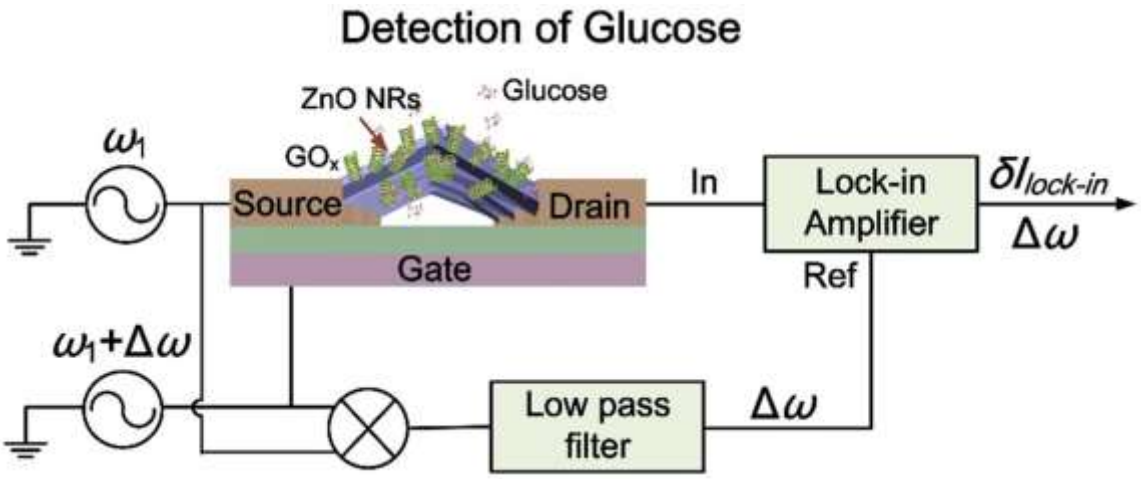
Graphical Abstract



Highlights

- ZnO nanorod-based FET glucose sensor using AC frequency mixing detection instead of traditional three-electrode measurement in DC mode
- The sensor gains tiny size, high sensitivity, good anti-jamming capability and excellent long-term stability
- The fabrication of the glucose sensor is simple and low-cost