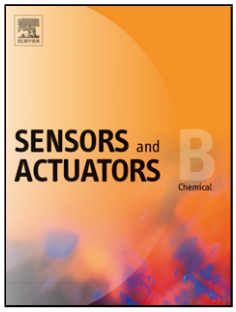

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Highly sensitive and skin-like pressure sensor based on asymmetric double-layered structures of reduced graphite oxide

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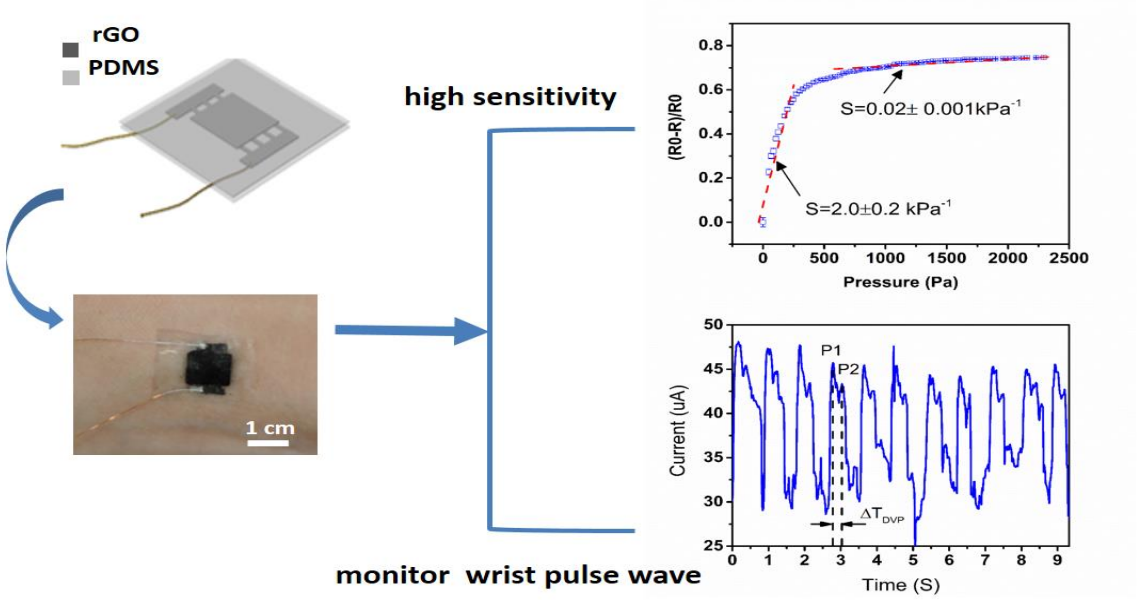
Graphical abstract



Highlights

- A resistive pressure sensor based on asymmetric double-layered structures was fabricated by direct laser reduction of graphite oxide.
- The sensor shows high sensitivity (~2 kPa^{-1}) , and the response frequency up to ~2kHz.
- The sensor can monitor the wrist pulse in real-time.