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Enhanced resolution of a surface plasmon resonance sensor detecting C-reactive protein via a bimetallic waveguide-coupled mode approach

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Highlights

- Enhanced resolution of Bi-WCSPR sensors for the detection of CRP is systematically demonstrated.
- SPR sensorgrams were measured at different CRP concentrations in both the intensity and angular interrogation modes.
- The sensing performance of Bi-WCSPR configurations was evaluated in terms of FOM and LOD.

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