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Angular surface plasmon resonance sensor: The suggested design of High-Performance Biosensor Based on Angular Plasmonic of a Multilayer Design

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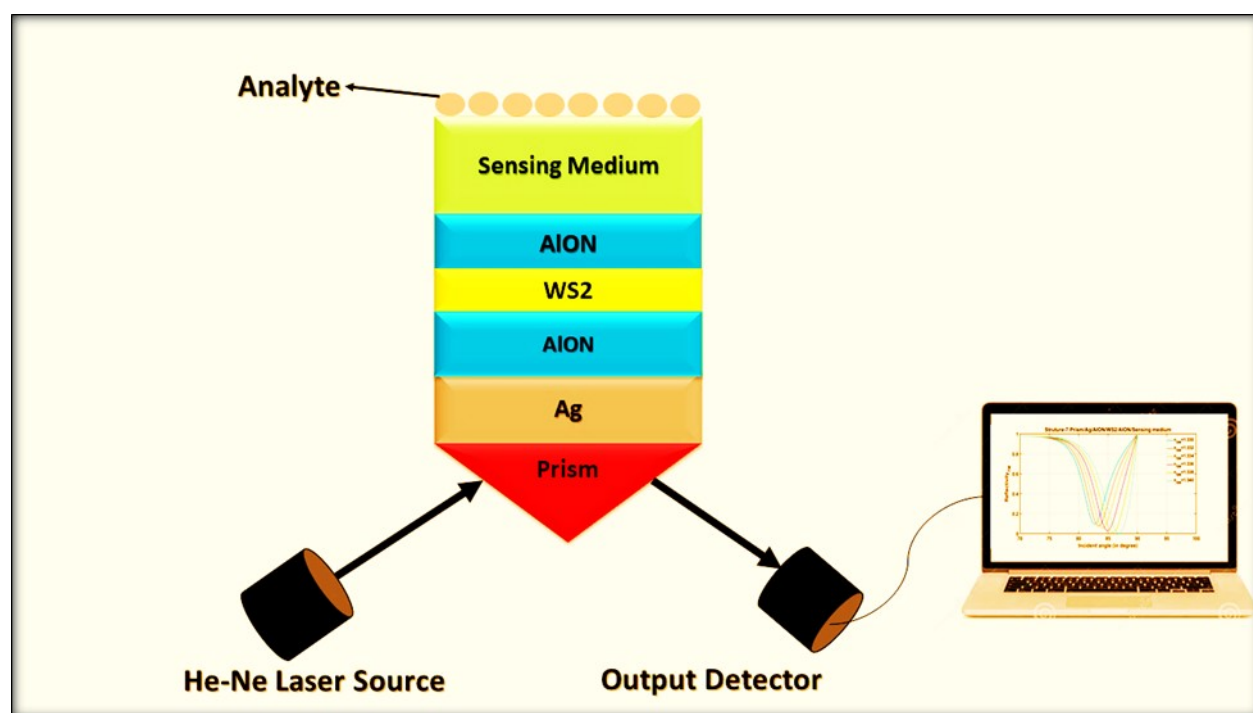


Fig. S1. A systematic view of optimized Structure-7 composed of Ohara S-FPL53 prism/Ag/AlON/WS₂/AlON/Sensing medium.

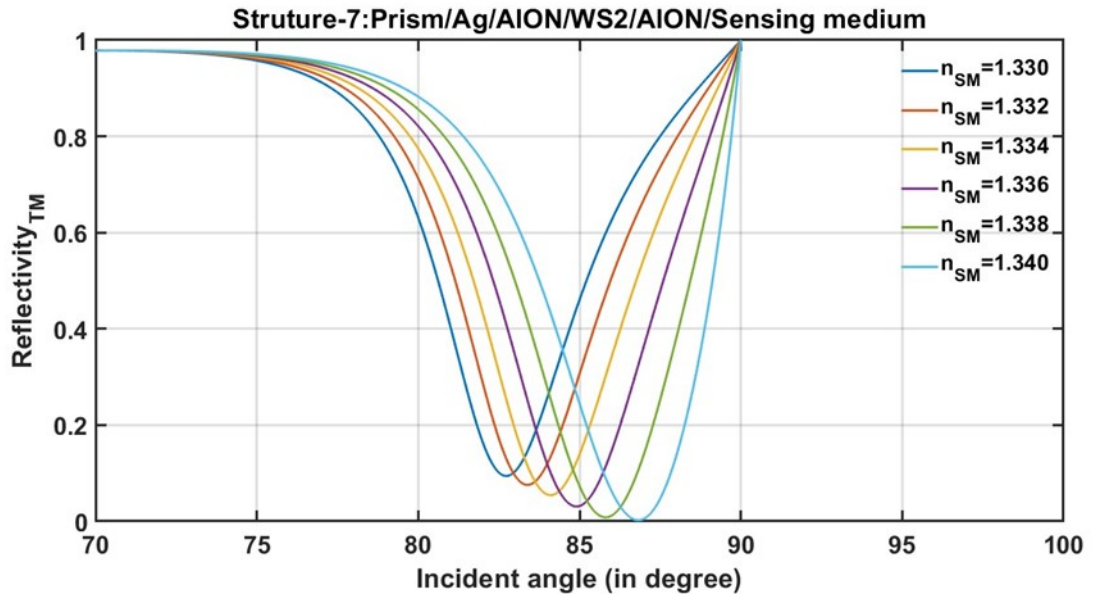


Fig. S2. The incident angle dependent reflectivity of optimized Structure-7 that is composed of Prism/Ag/AION/WS₂/AION/Sensing medium loaded separately with the analytes of refractive indices 1.330, 1.332, 1.334, 1.336, 1.338, and 1.340.

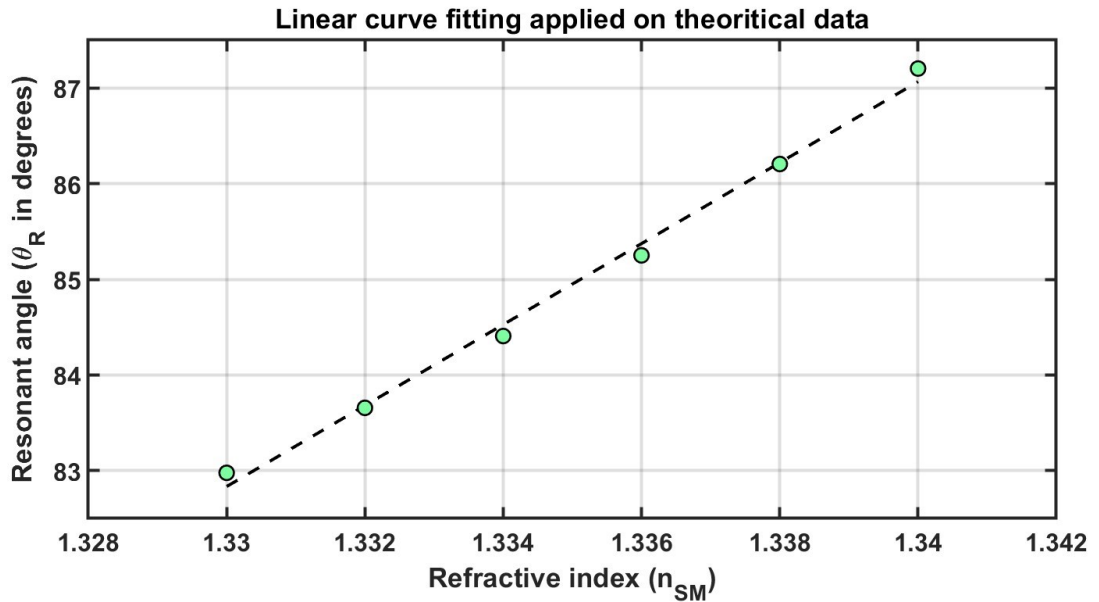


Fig. S3. Linear curve fitting shown by dashed black color line and green color solid balls, showing refractive index dependent resonant angle values.

