Ultrasensitive optical detection of water pressure in microfluidics using smart reduced graphene oxide glass

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Supplementary Material

S1. Universal applicability of optical detection to laser wavelength

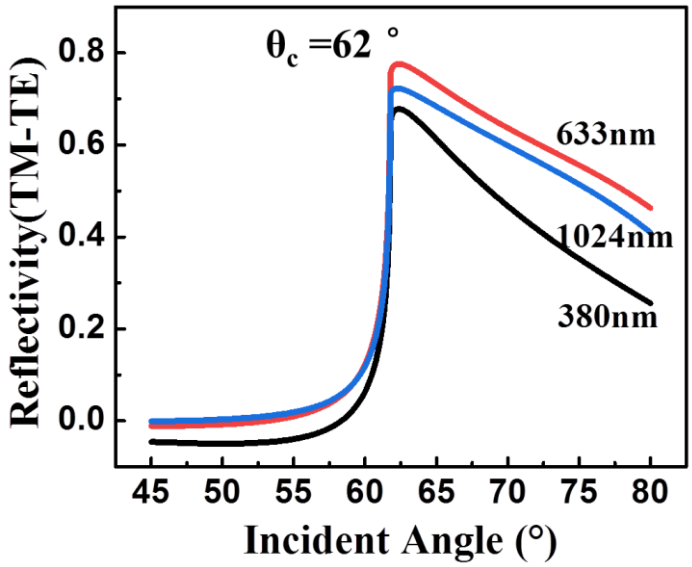

Figure 1. The simulation of reflection difference between TM and TE modes (TM-TE) of rGO under the irradiation of different wavelength lasers

S2. Universal applicability of optical detection to different liquids

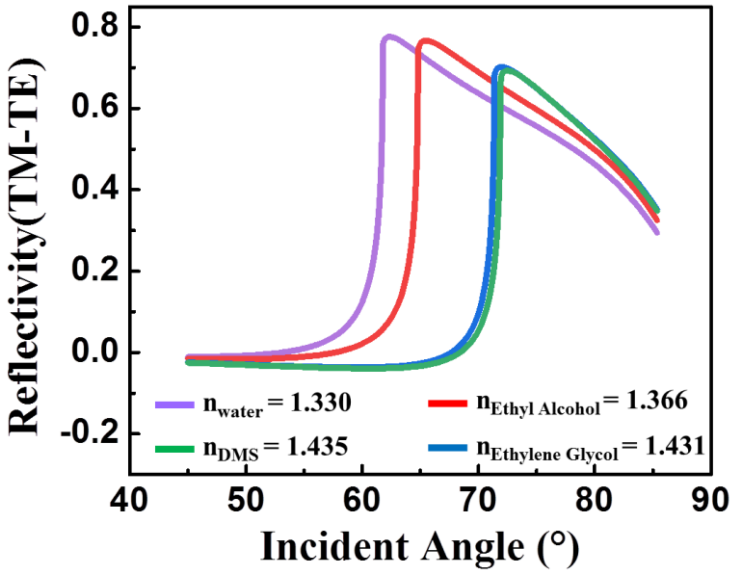

Figure 2. The simulation of reflection difference between TM and TE modes (TM-TE) of rGO with different medium (n_2)