Supplementary Materials

Flexible Substrate of Cellulose Fiber/Structured Plasmonic Silver Nanoparticles Applied for Label-Free SERS Detection of Malathion

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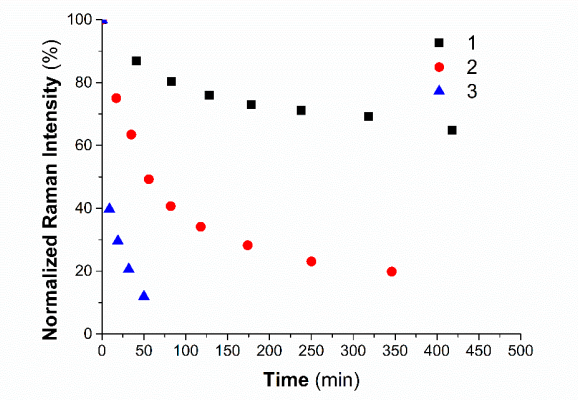
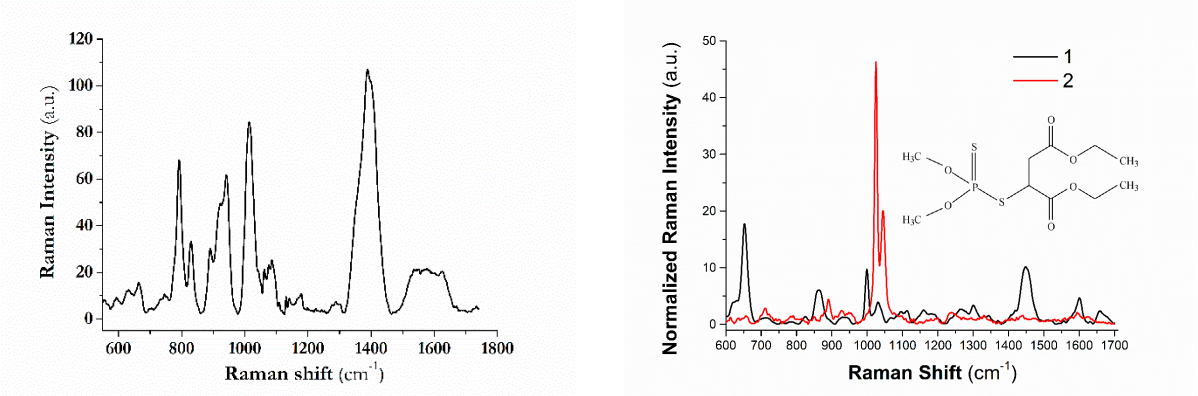


Figure S1. Normalized Raman Intensity at 1068 cm^{-1} versus excitation time using 10 mW (1), 25 mW (2) and 50 mW (3) laser power.



(**a**) (**b**)

Figure S2. (**a**) Raman spectrum of blank rAgNS/AgNS-CF substrate. (**b**) Raman spectrum of 1g/L malathion, measured on a Raman Grade CaF_2 window (1). Raman spectrum of 1 mg/L malathion, measured on the rAgNS/AgNS-CF substrate (2). Insert: the structure of malathion.