

Figure S1

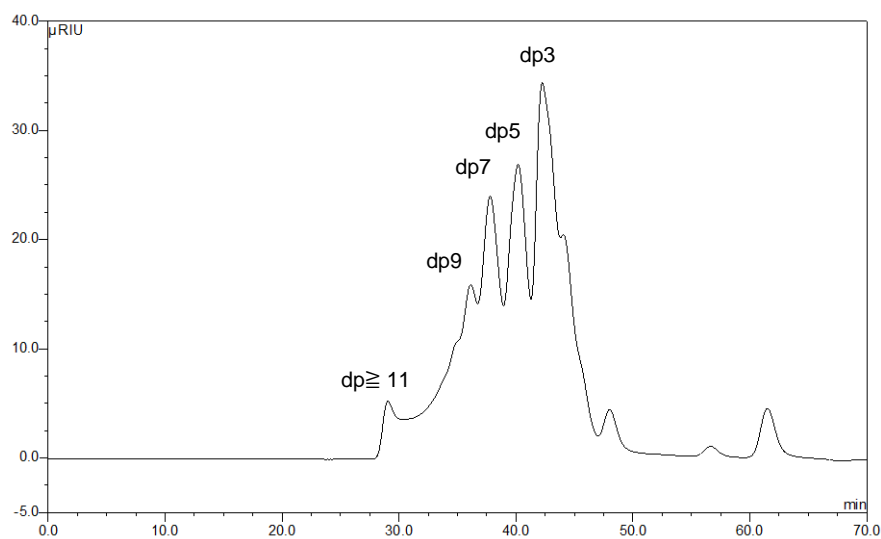


Figure S1. The elution profile of CAO by a Shodex OHpak SB-802.5 HQ column.

Figure S2

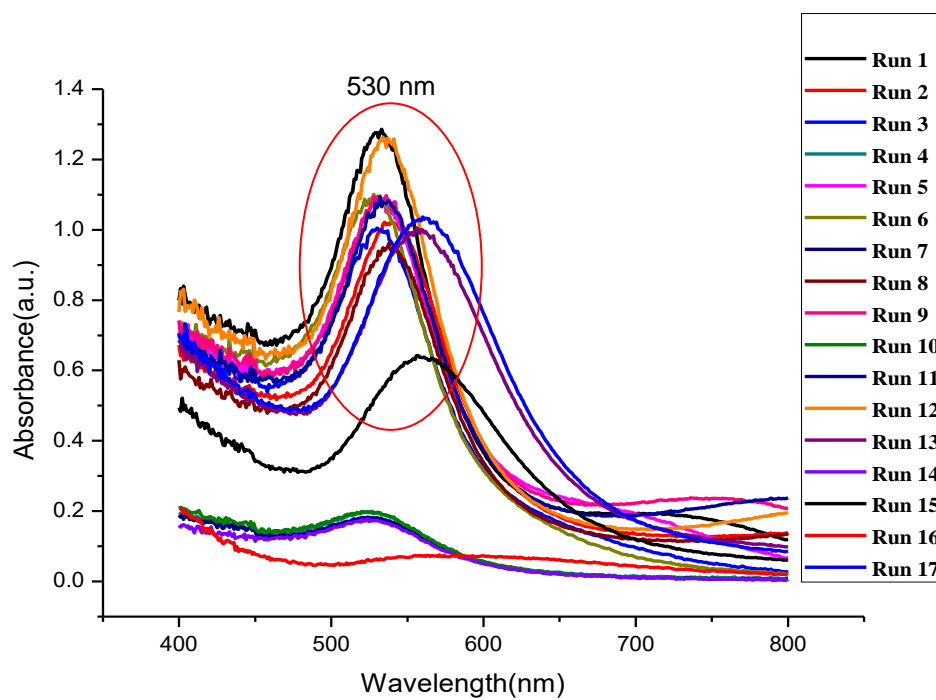


Figure S2. UV-vis spectra of the 17 groups in RSM experiments.

Figure S3

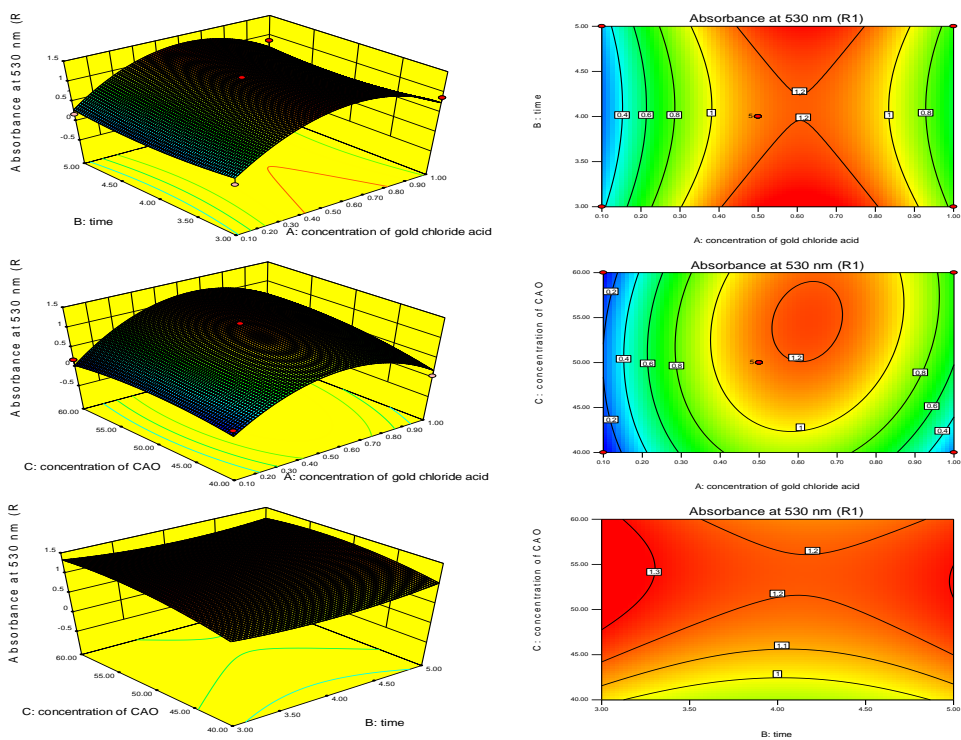


Figure S3. Response surface plot and contour plot of effects on synthetic conditions of AuNPs.

Figure S4

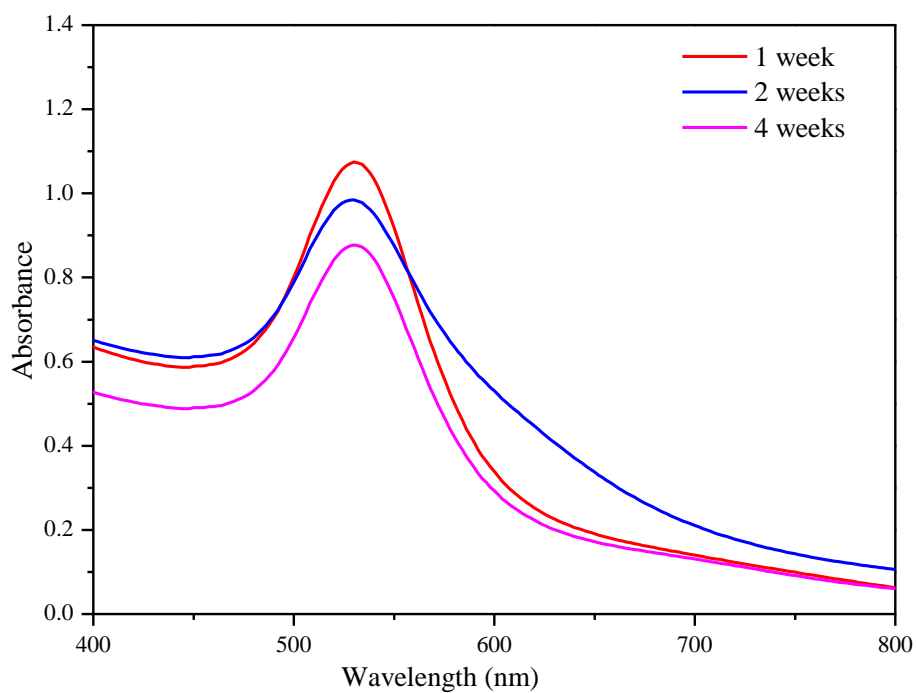


Figure S4. UV-vis spectra of CAO-AuNPs of four weeks stability at different times.

Figure S5

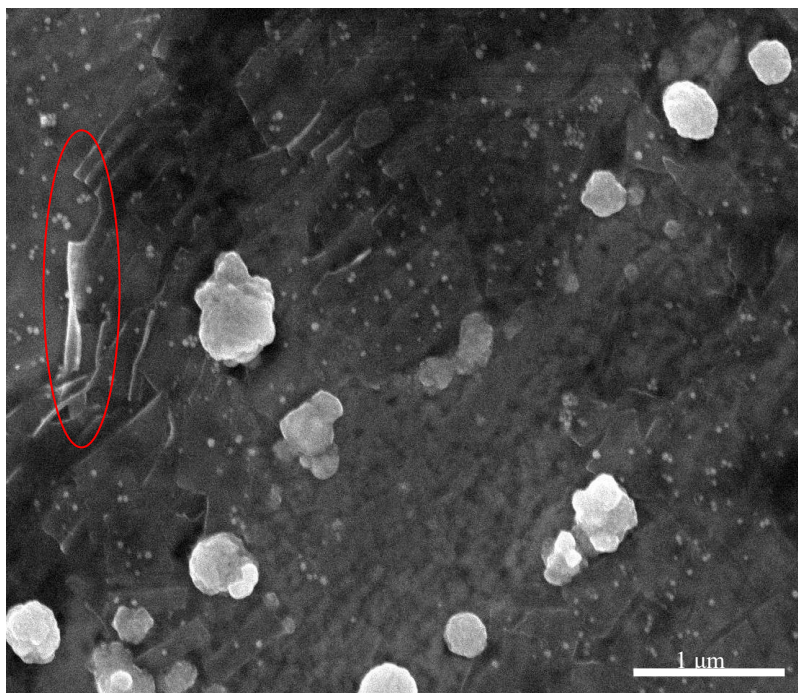


Figure S5. Electron microscopy characterization of CAO-AuNPs, SEM image of CAO-AuNPs.

Figure S6

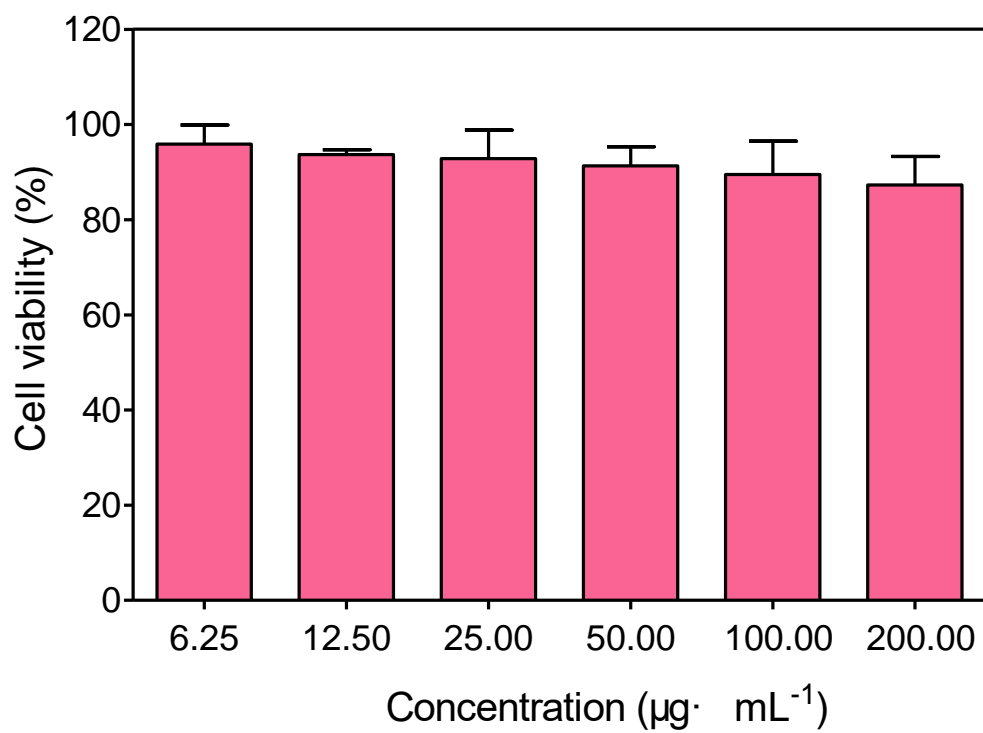


Figure S6. Cell viability assay of CAO-AuNP on HUVEC cells at different concentrations (6.25-200.00 µg/mL) for 72 h by the SRB.