

Figures

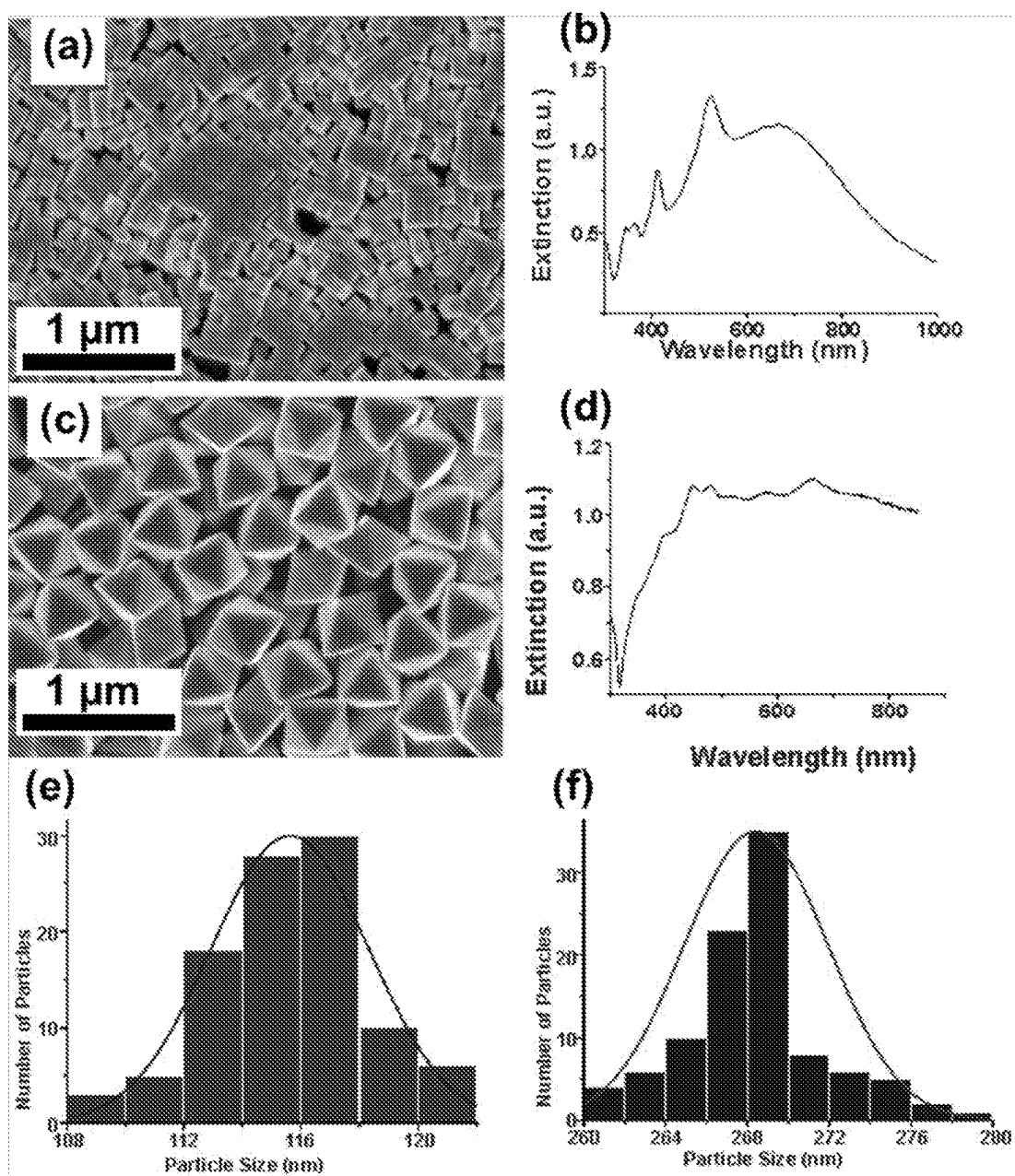


FIG. 1

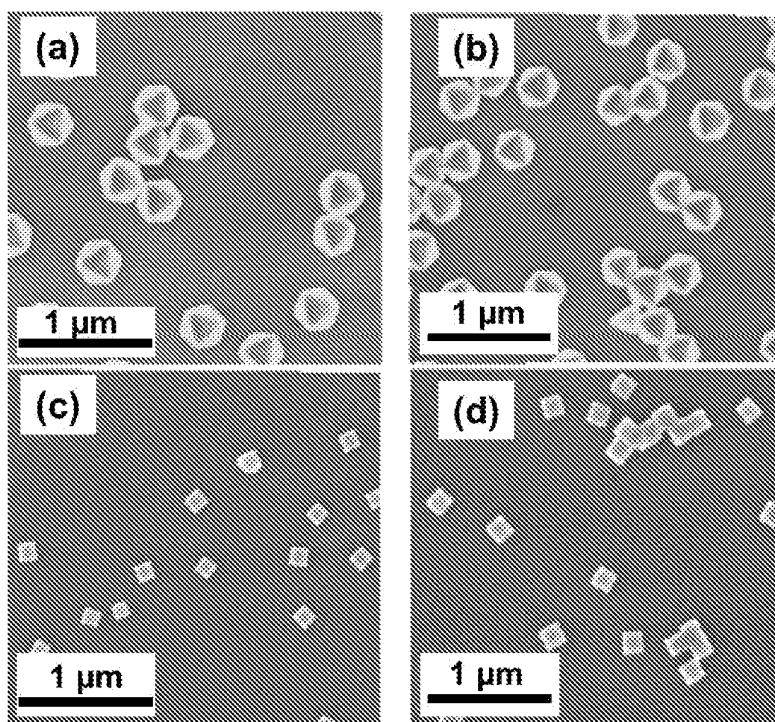


FIG. 2

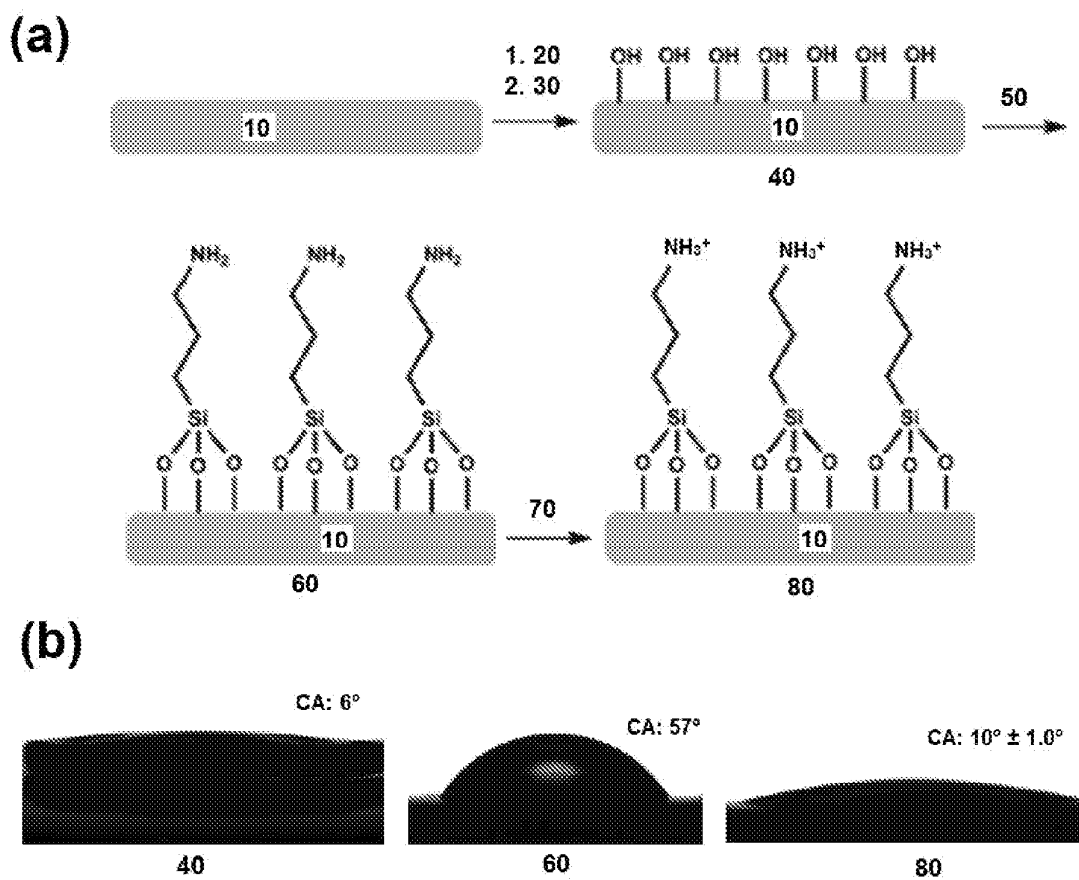
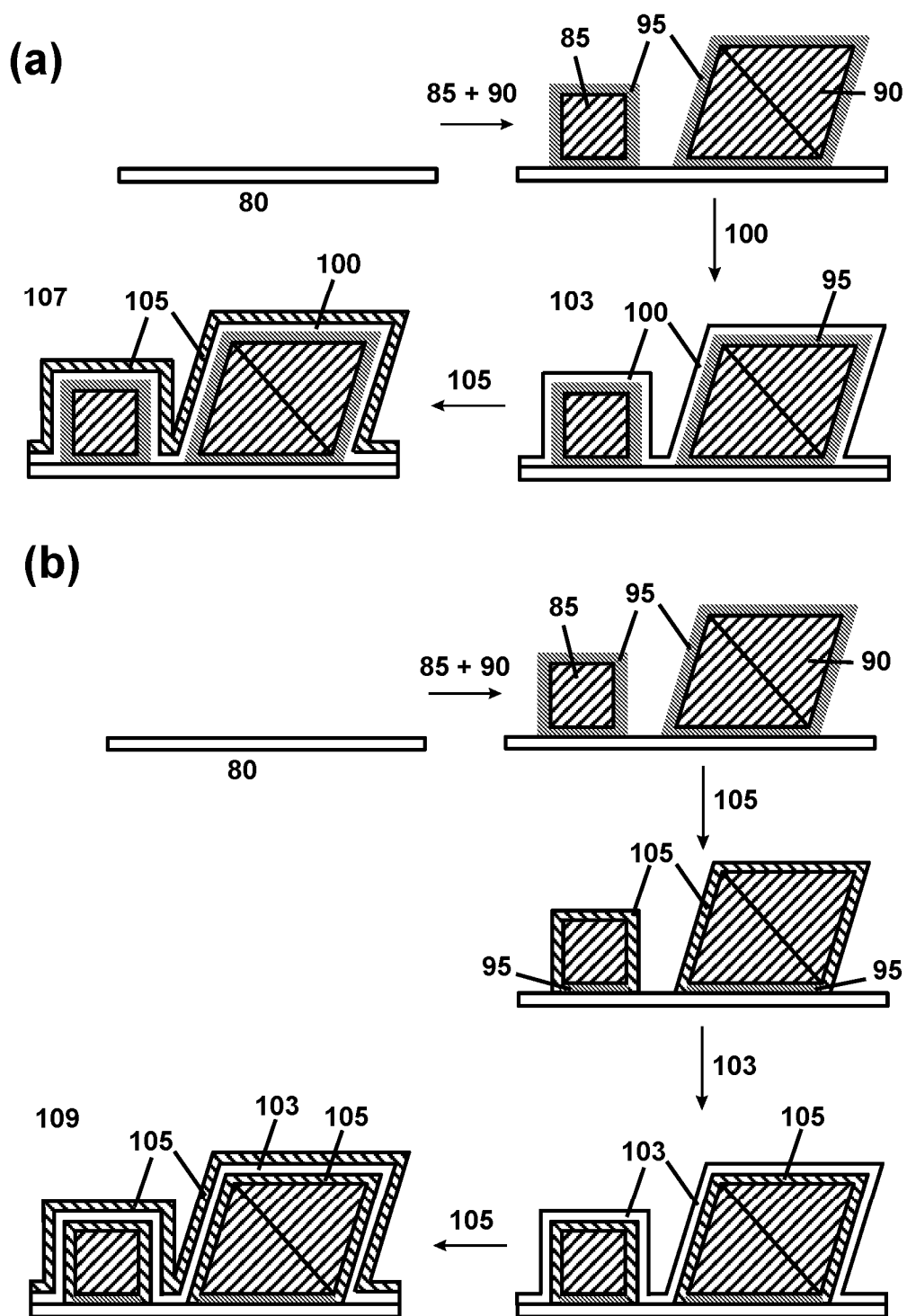


FIG. 3



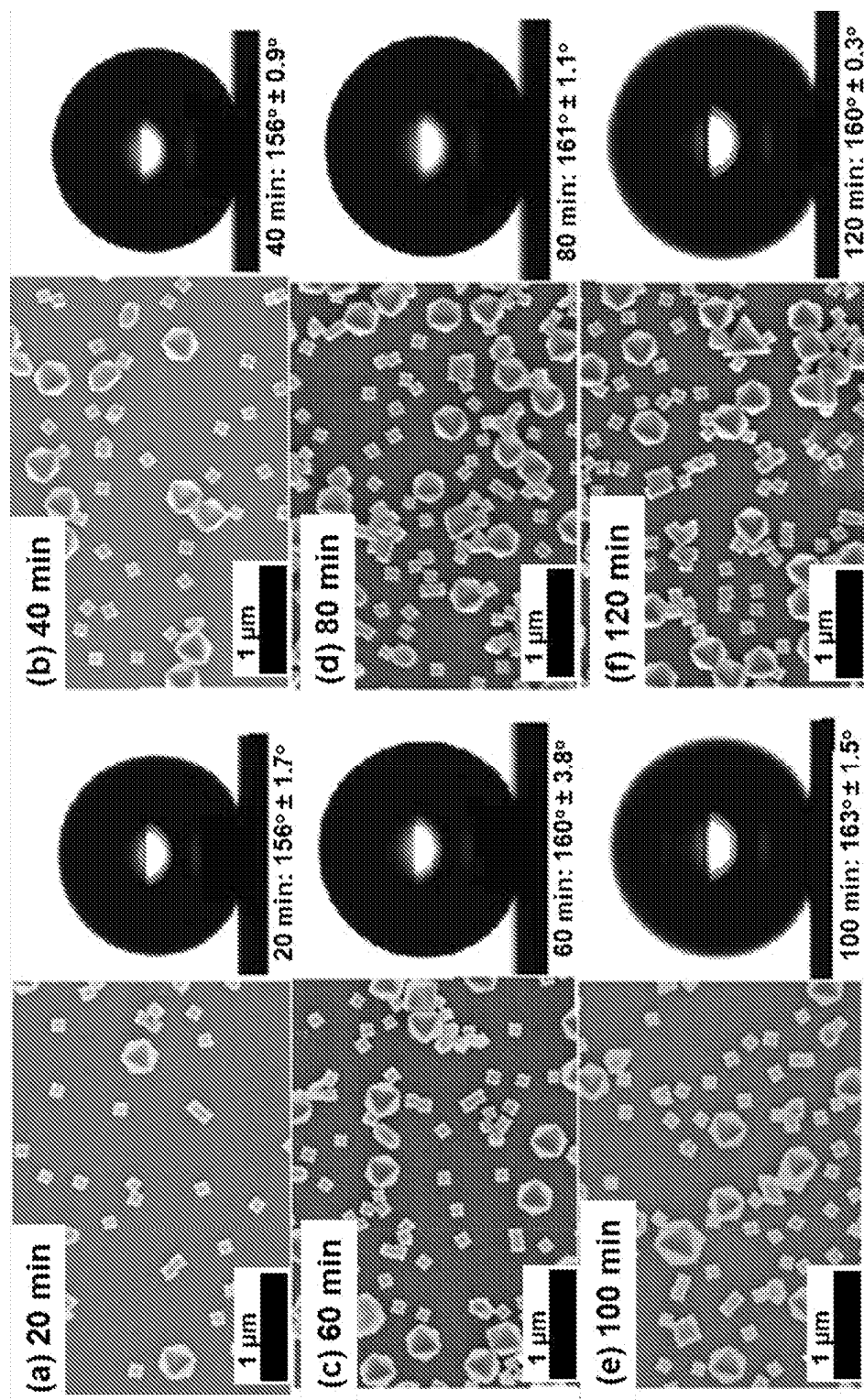


FIG. 5

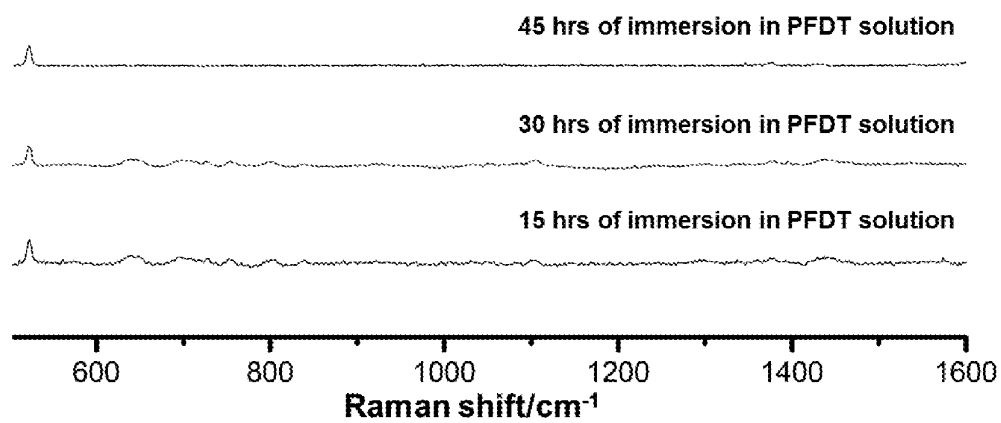


FIG. 6

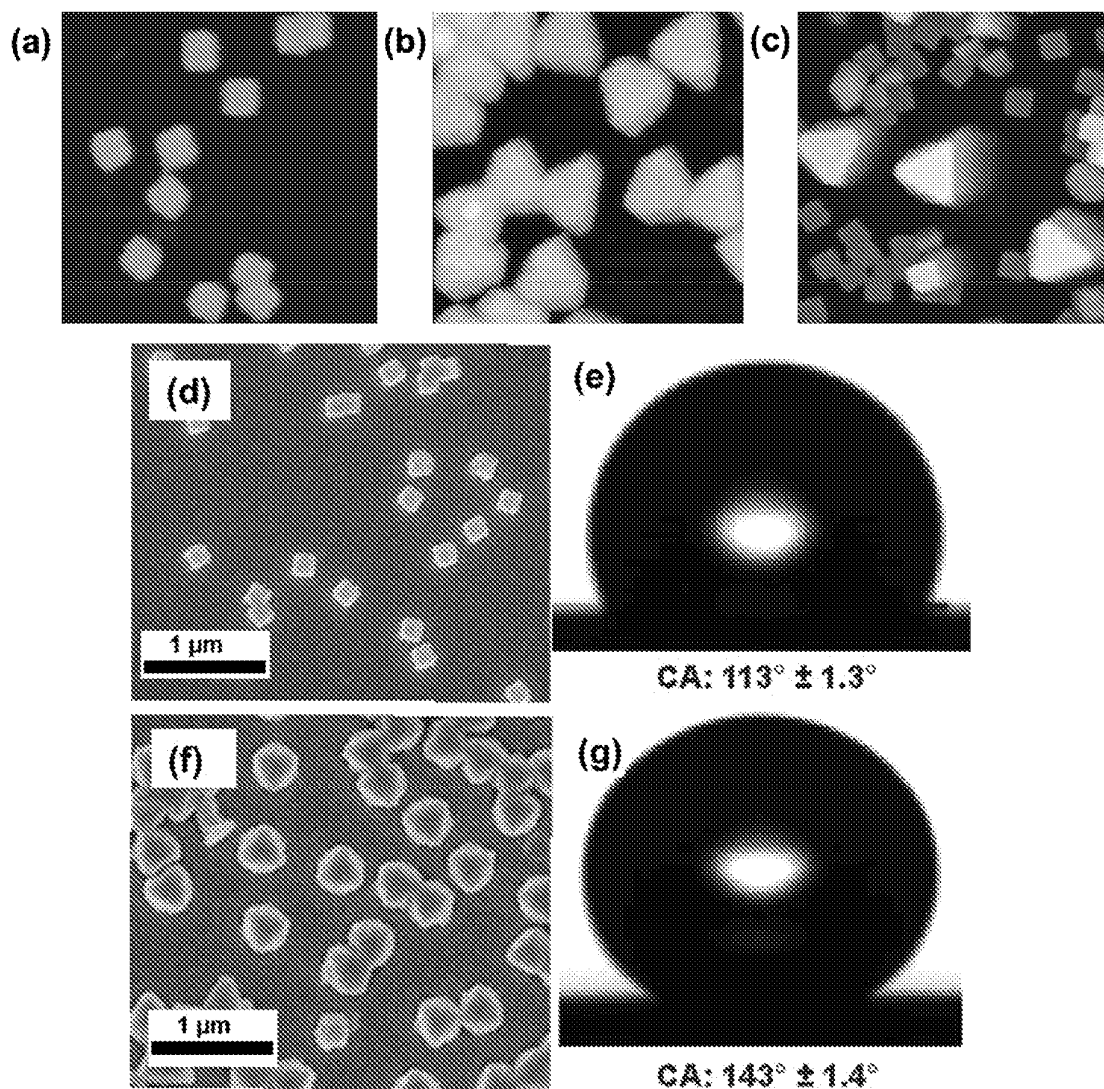


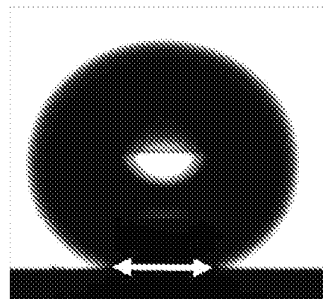
FIG. 7

(a) Hydrophilic substrate



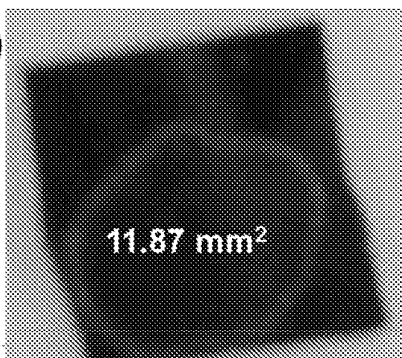
13.92 mm²

(b) Superhydrophobic substrate 107



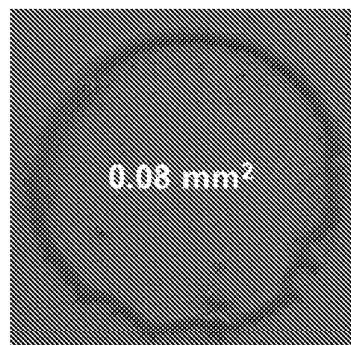
0.273 mm²

(c)



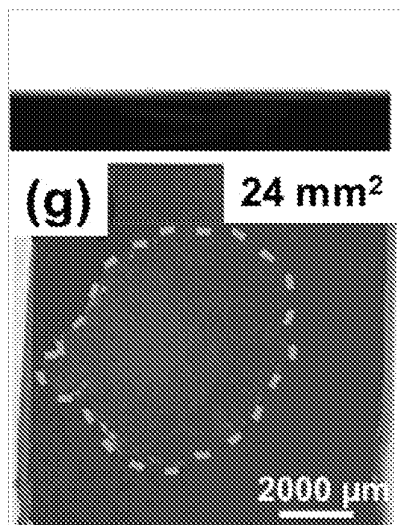
11.87 mm²

(d)



0.08 mm²

(e) Hydrophilic substrate

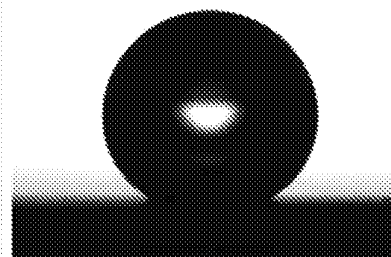


(g)

24 mm²

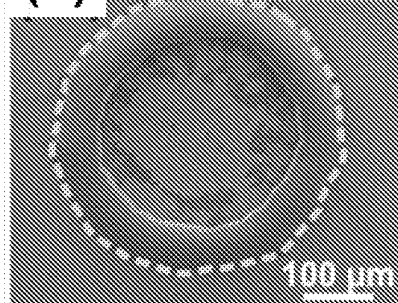
2000 μm

(f) Superhydrophobic substrate 109



(h)

0.13 mm²



100 μm

FIG. 8

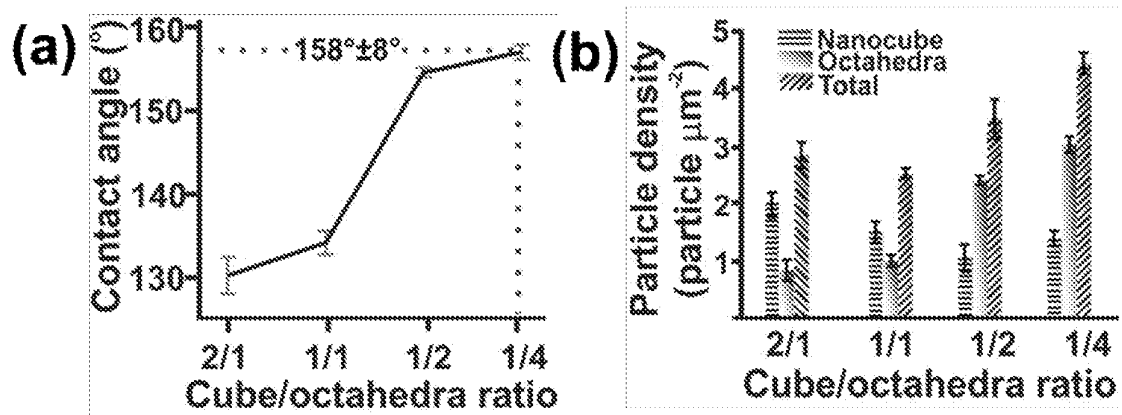


FIG. 9

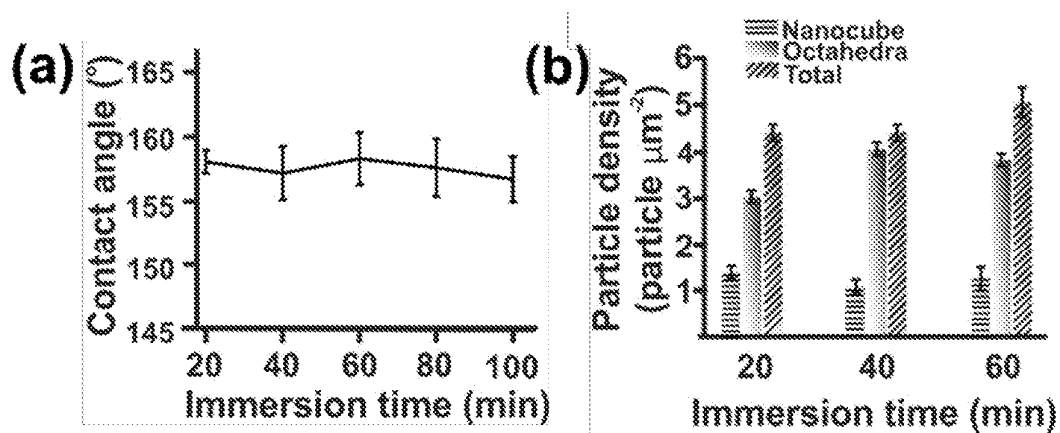


FIG. 10

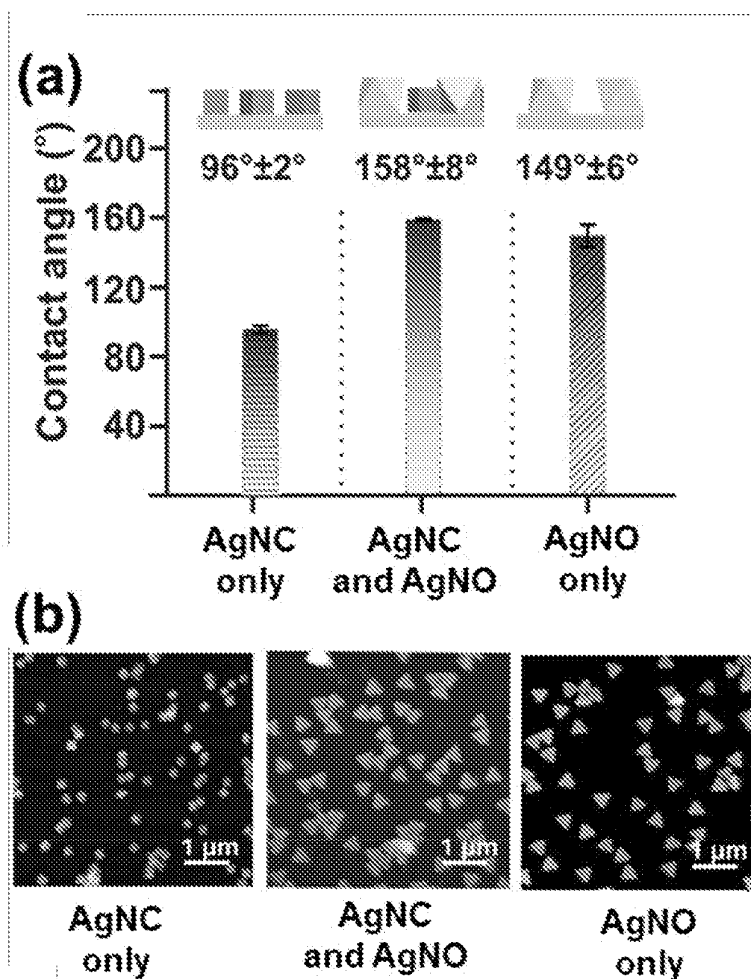


FIG. 11

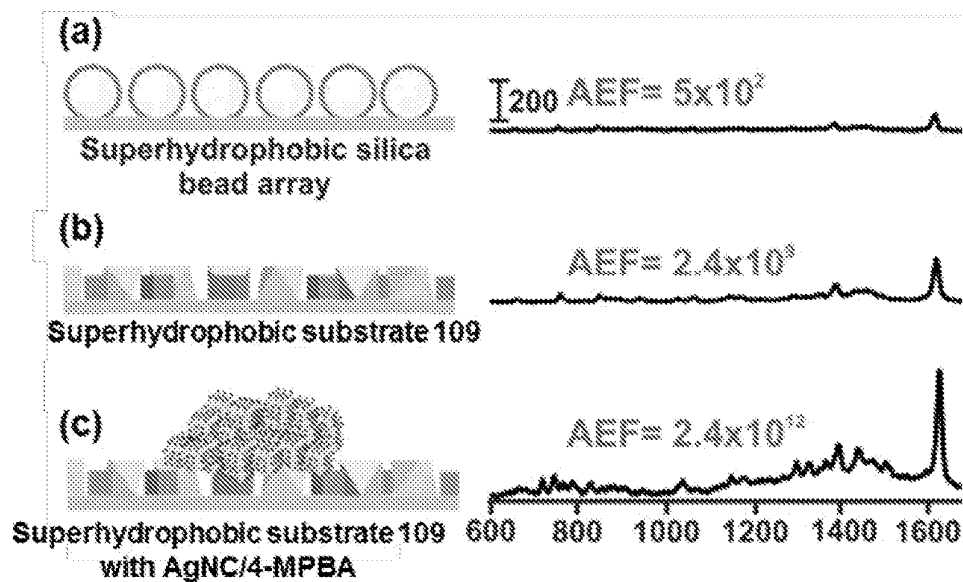


FIG. 12

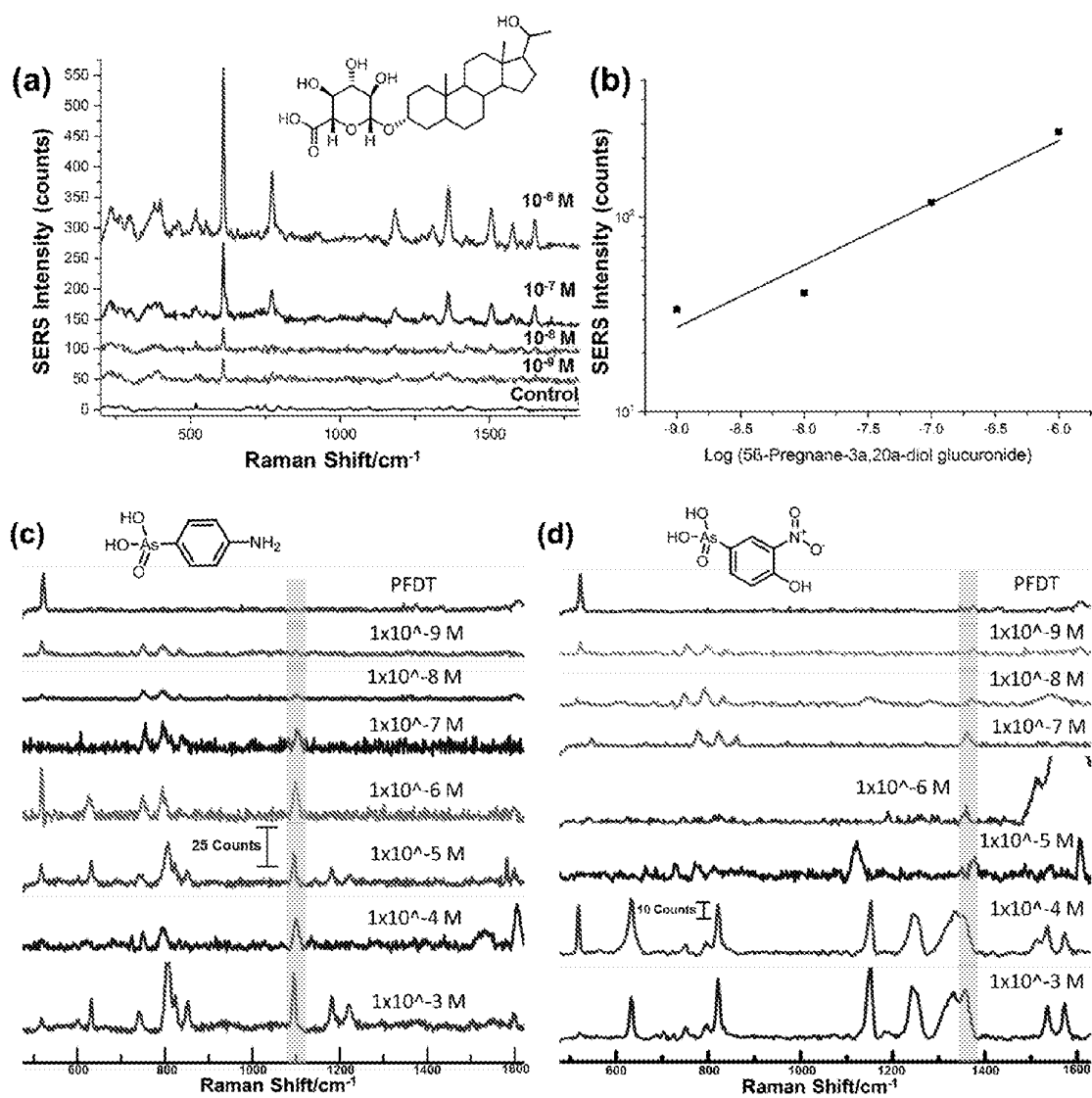
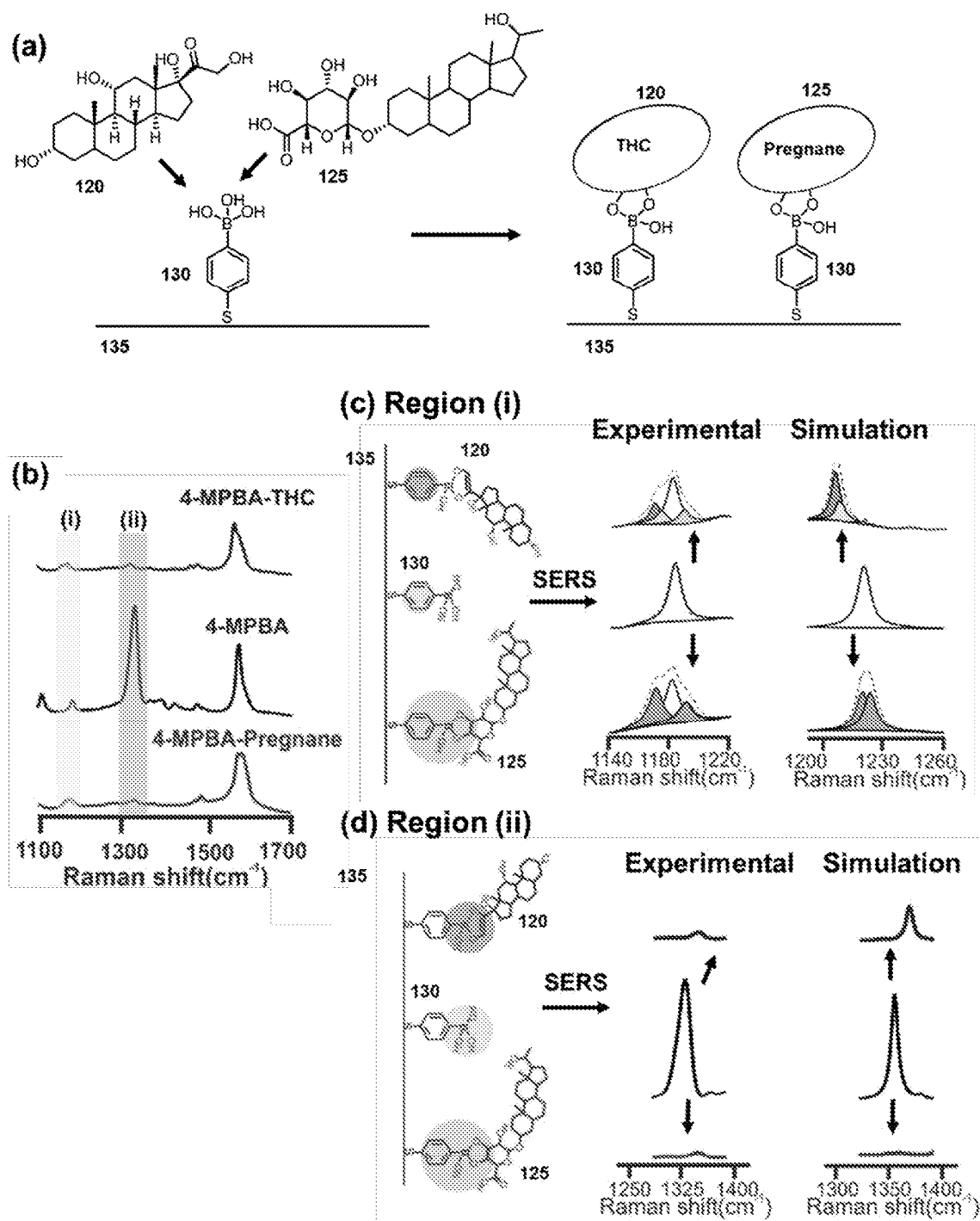


FIG. 13



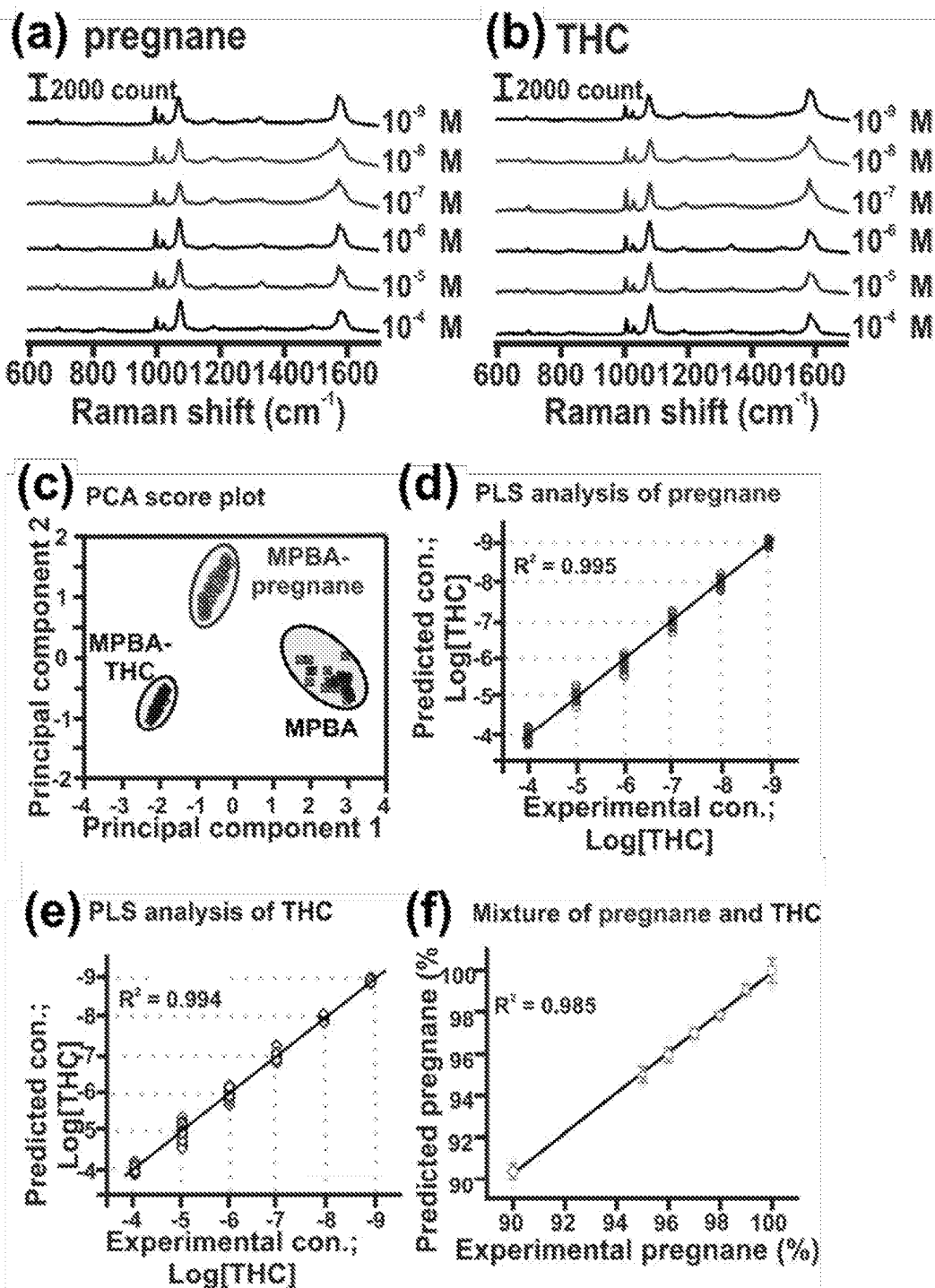


FIG. 15

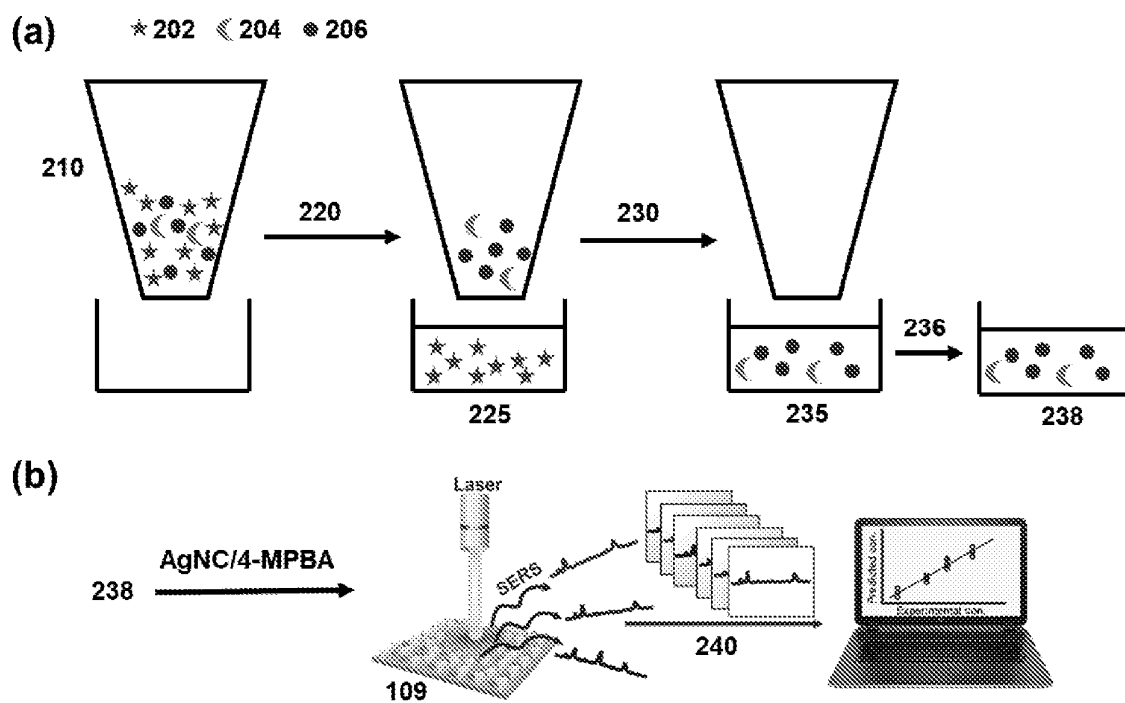


FIG. 16

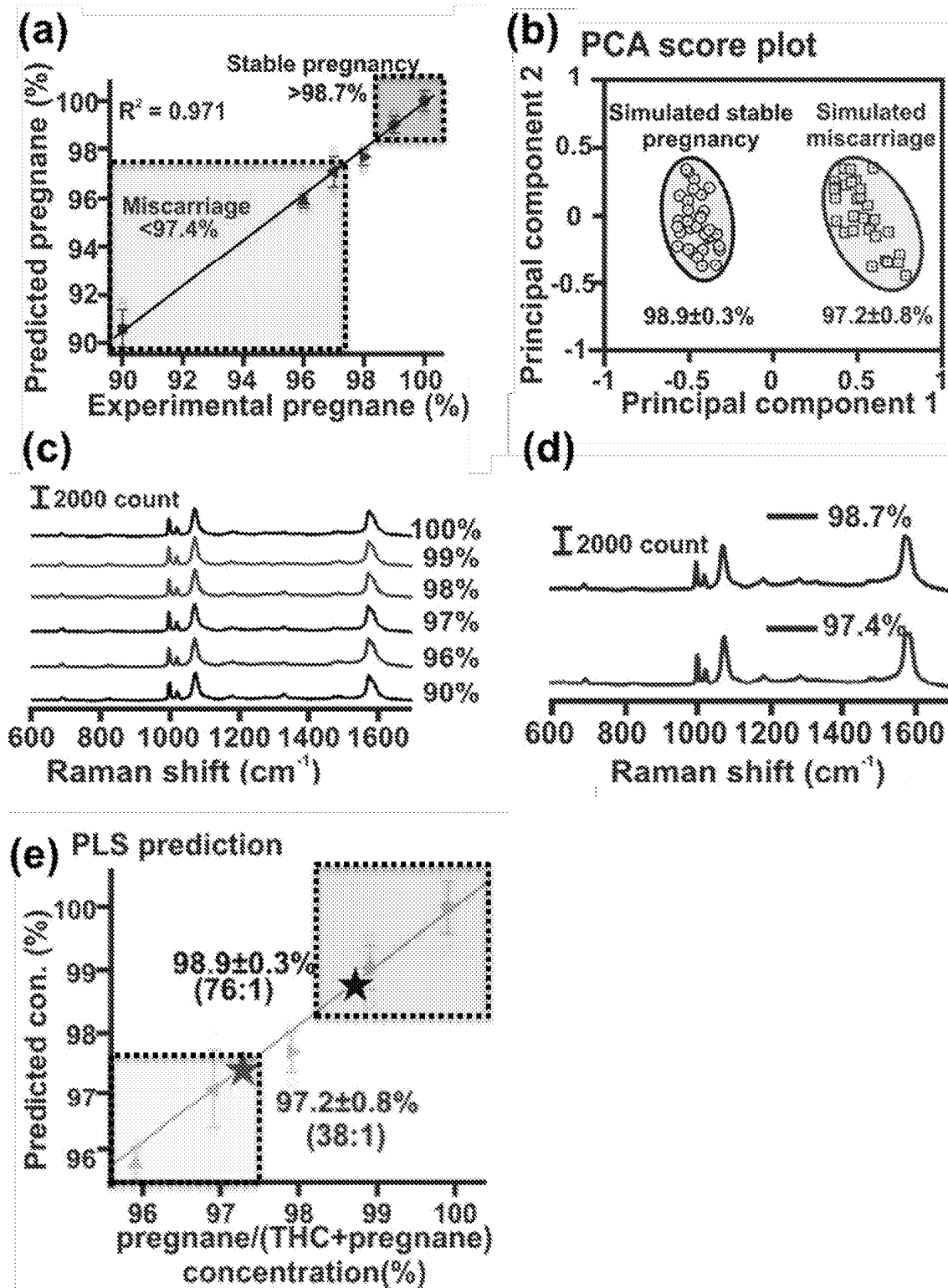


FIG. 17

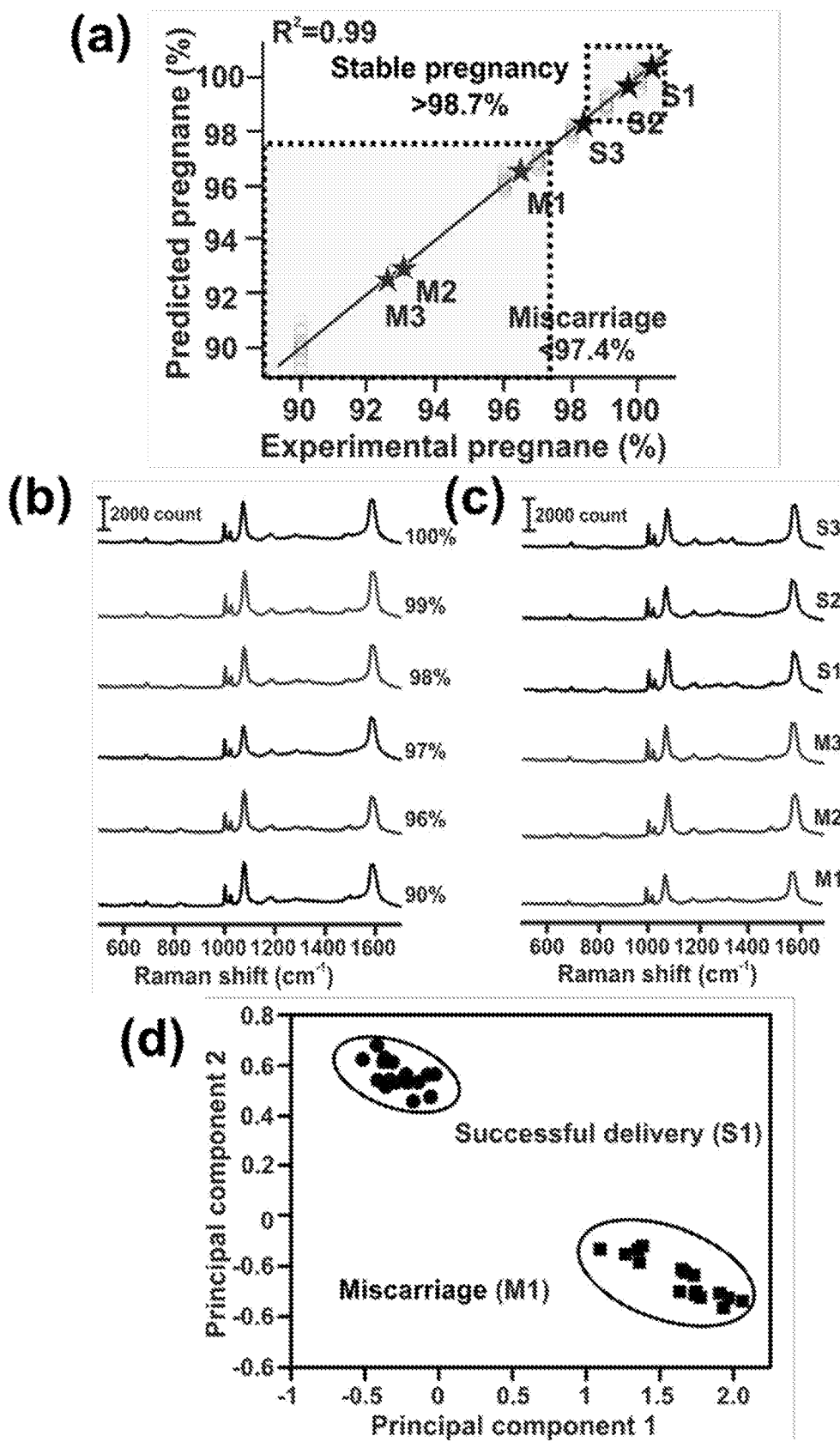


FIG. 18

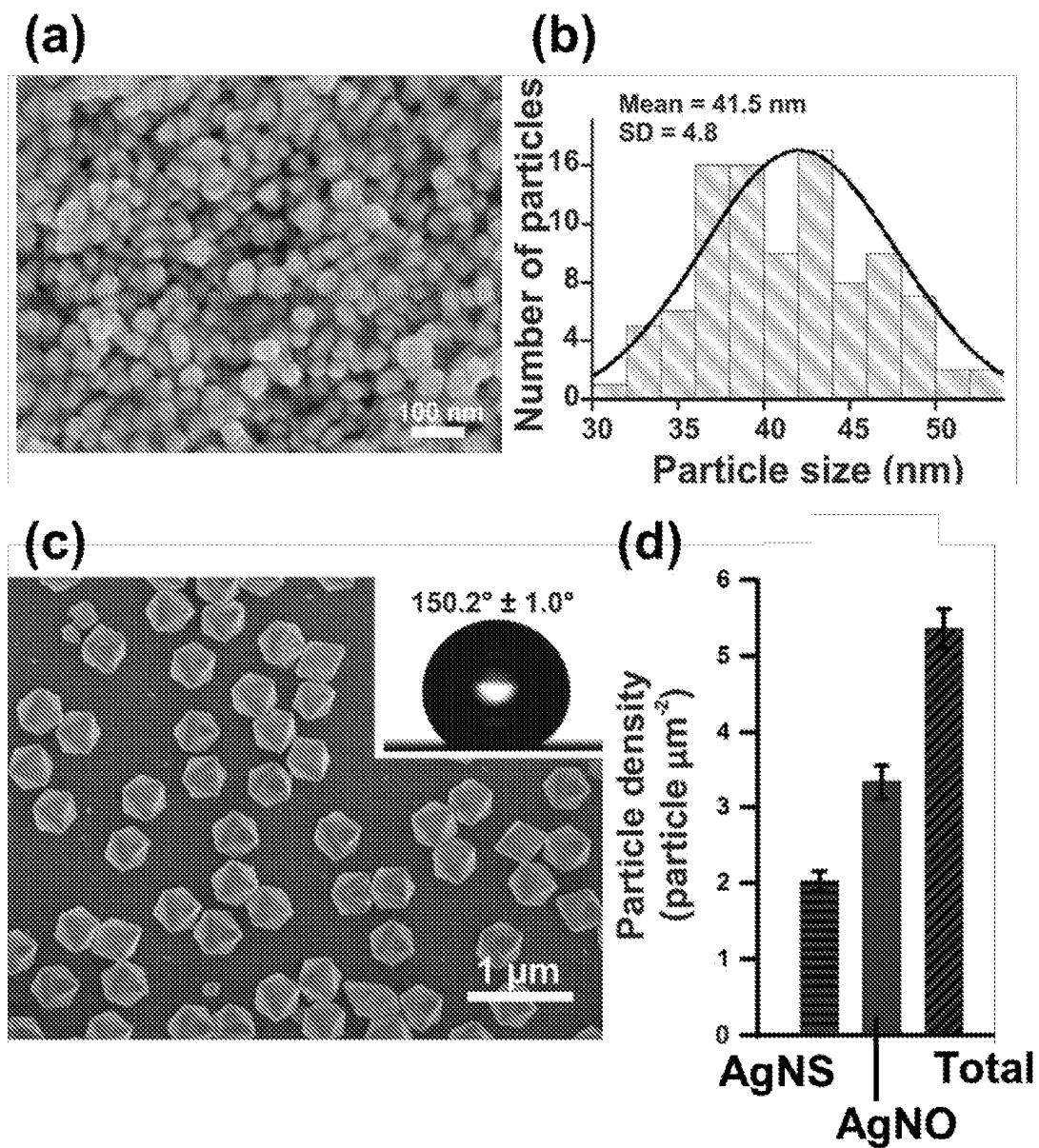


FIG. 19