**Table S1** Examination of relative prices, including a rundown of about how much each kind of nanoparticle costs per mass.

**Nanoparticle Cost per Gram\* Cost per Kilogram\***

Silver (AgNPs) 100 - 500 100,000 - 500,000

Titanium Dioxide (TiO2) 0.01 - 0.05 10 - 50

Iron Oxide (Fe3O4) 0.05 - 0.1 50 - 100

Zinc Oxide (ZnO) 0.02 - 0.1 20 - 100

\* Amount on USA dollars