

## Au nanoparticles decoration of nanoparticular and nanotubular TiO<sub>2</sub> using atmospheric pressure cold plasma for photocatalytic applications

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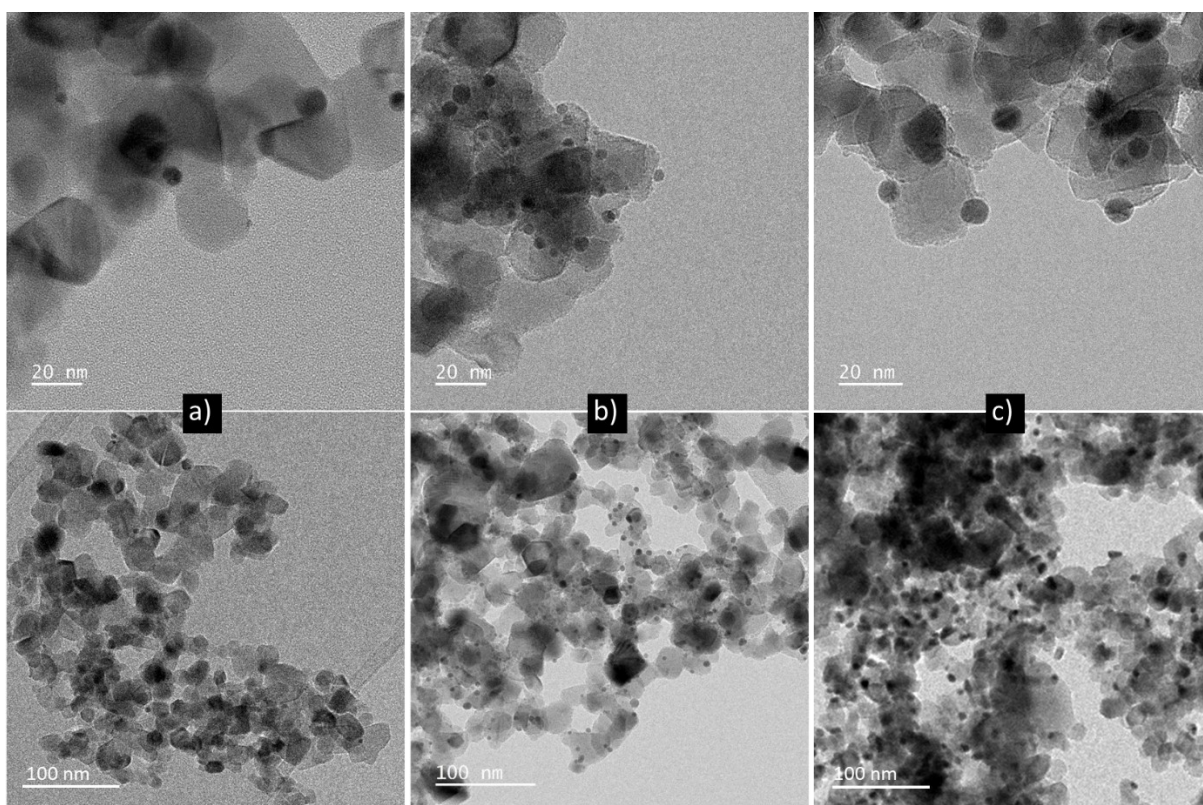


Fig. S1 TEM micrographs of P25 after: a) 0.5-h, b) 1-h and c) 1.5-h Au plasma deposition

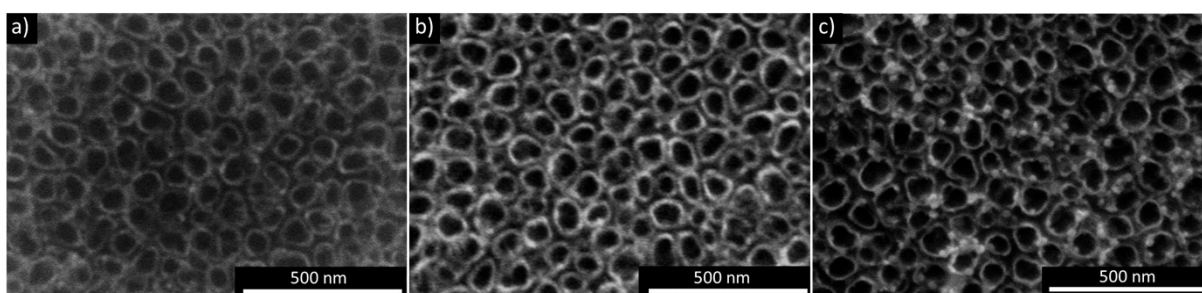


Fig. S2 SEM micrographs of TiO<sub>2</sub> NTs after: a) 2-min, b) 5-min and c) 10-min Au plasma deposition