

Supporting Information for

**Gold nanoparticles-modulated conductivity in gold
peapodded silica nanowire**

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I-V characteristic for individual Au peapodded silica nanowire

The I-V characteristic of the various individual Au peapodded silica nanowire device exhibits a typical Ohmic contacts behavior in the vacuum at room temperature as shown in Figure S1.

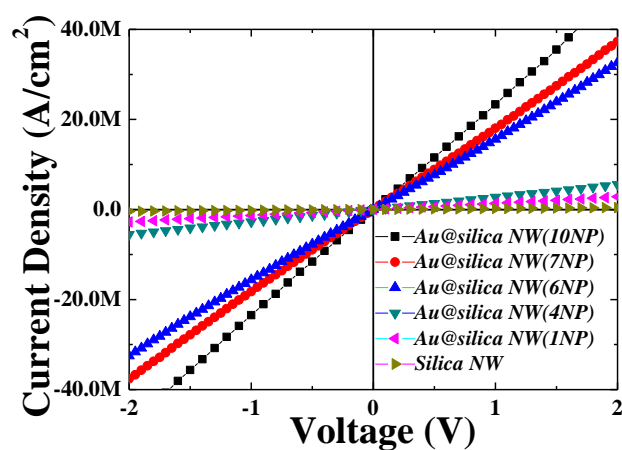


Figure (S1) I-V characteristic for the various individual Au peapodded silica nanowire