

Supplementary Information

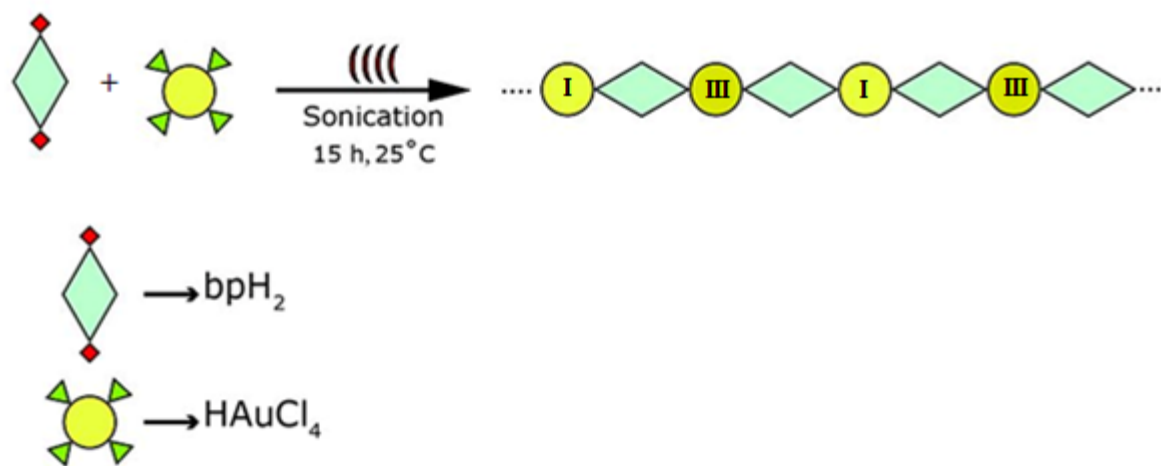
**Sonochemical synthesis of Au nanowires in III-I oxidation state bridged by
4,4'-dicyanamidobiphenyl and application as selective CO gas sensor**

Leila Tabrizi, Hossein Chiniforoshan*

Department of Chemistry, Isfahan University of Technology, Isfahan 84156-83111, Iran

*Corresponding author: H. Chiniforoshan; Email: Chinif@cc.iut.ac.ir

Tel: +983133913261; fax: +983133912350



Scheme S1. The sonochemical synthesis of Au nanowires.

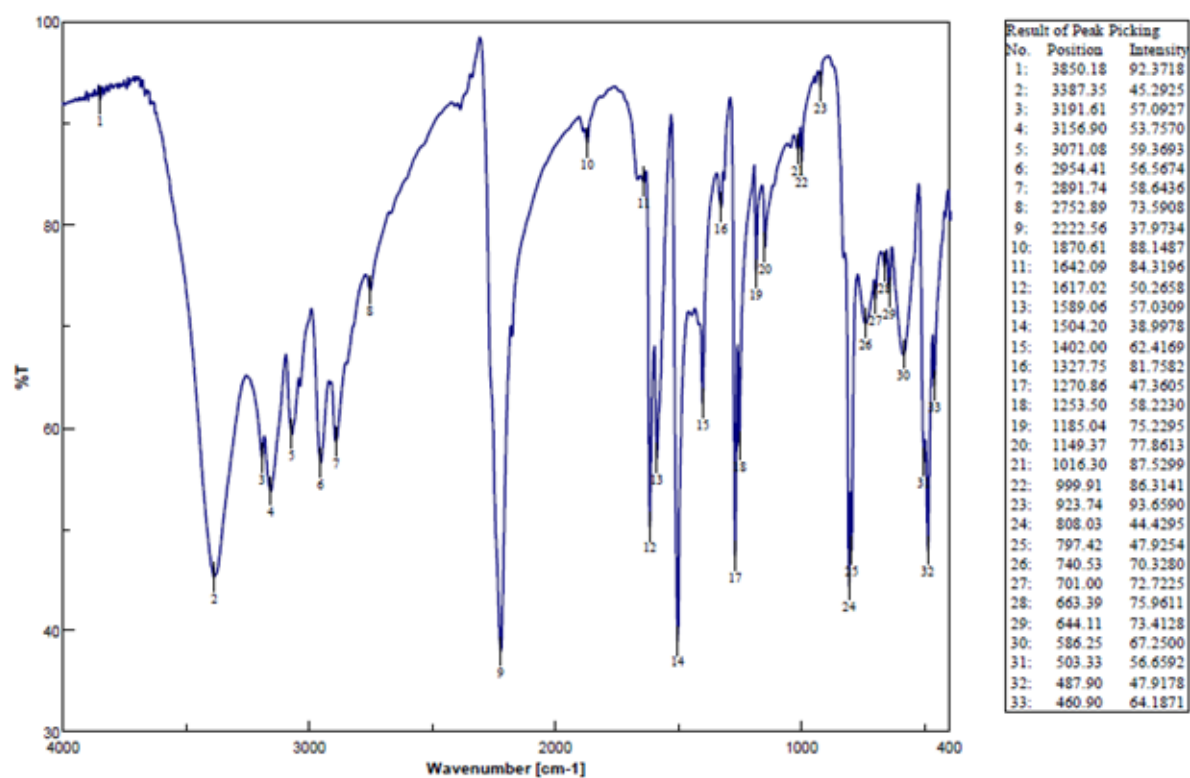


Fig.S1. FTIR spectra of the bpH₂ ligand.

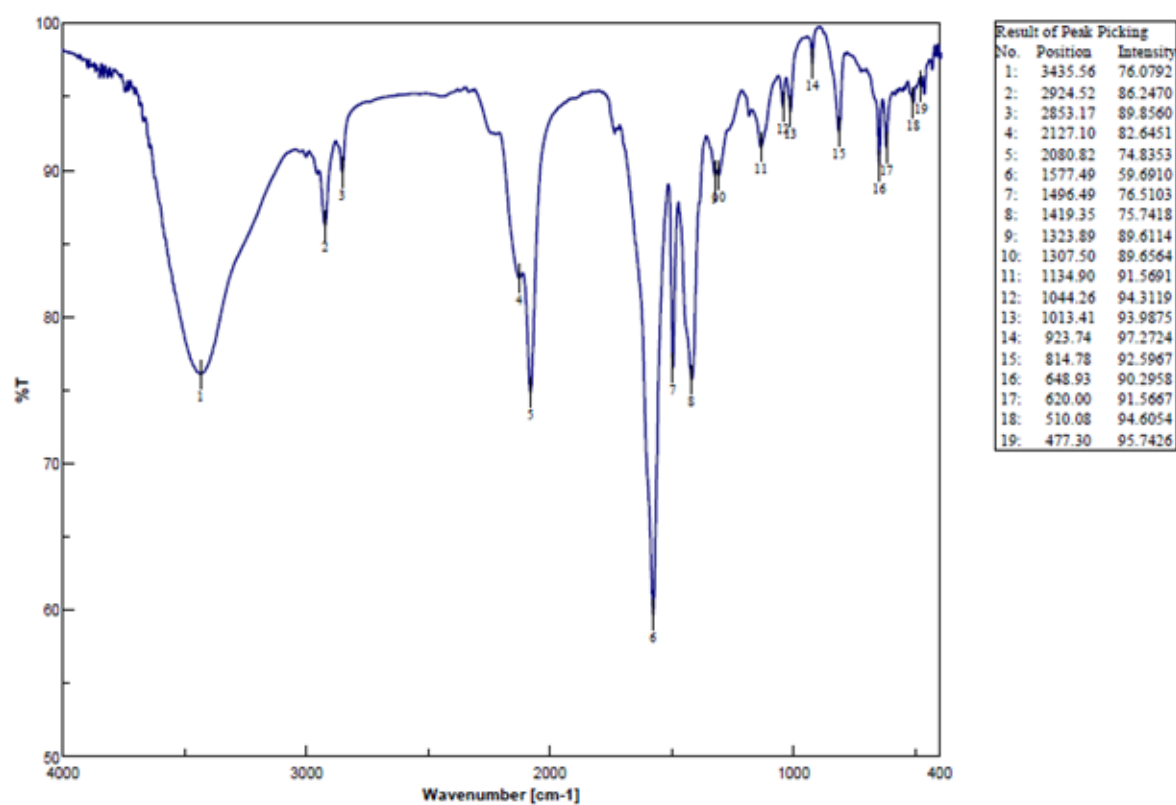


Fig.S2. FTIR spectra of Au nanowires.

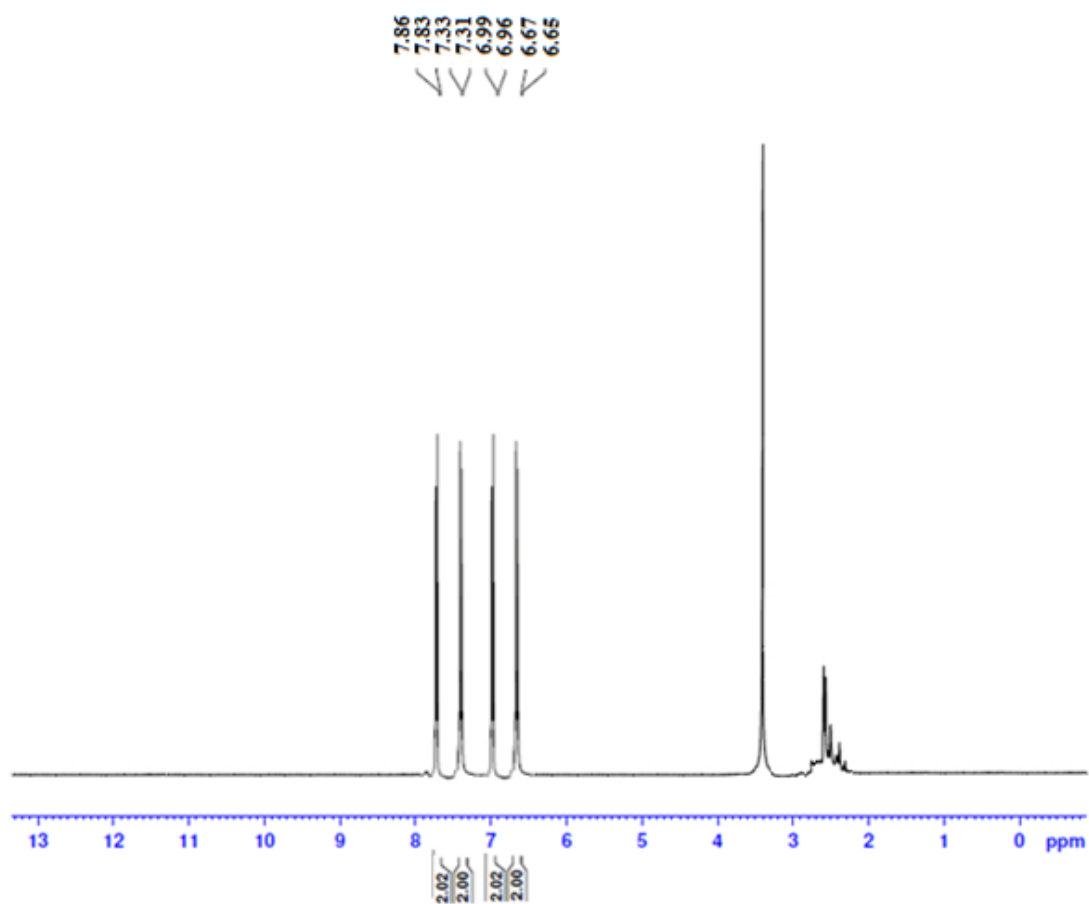


Fig.S3. ^1H -NMR spectra of Au nanowires in DMSO-d_6 .