Electronic Supplementary Material (ESI) for RSC Advances.
This journal is © The Royal Society of Chemistry 2016

Supporting information

Drop formation and coalescence of liquid Au on nano carbon substrate

Long Wang[a], Xiongying Li[a], Xuyan Zhou[a], Yifan Li[a], Hui Li*[,a]

[a]*Key Laboratory for Liquid-Solid Structural Evolution and Processing of Materials, Ministry of Education, Shandong University, Jinan 250061, People's Republic of China.*

E-mail: lihuilmy@hotmail.com

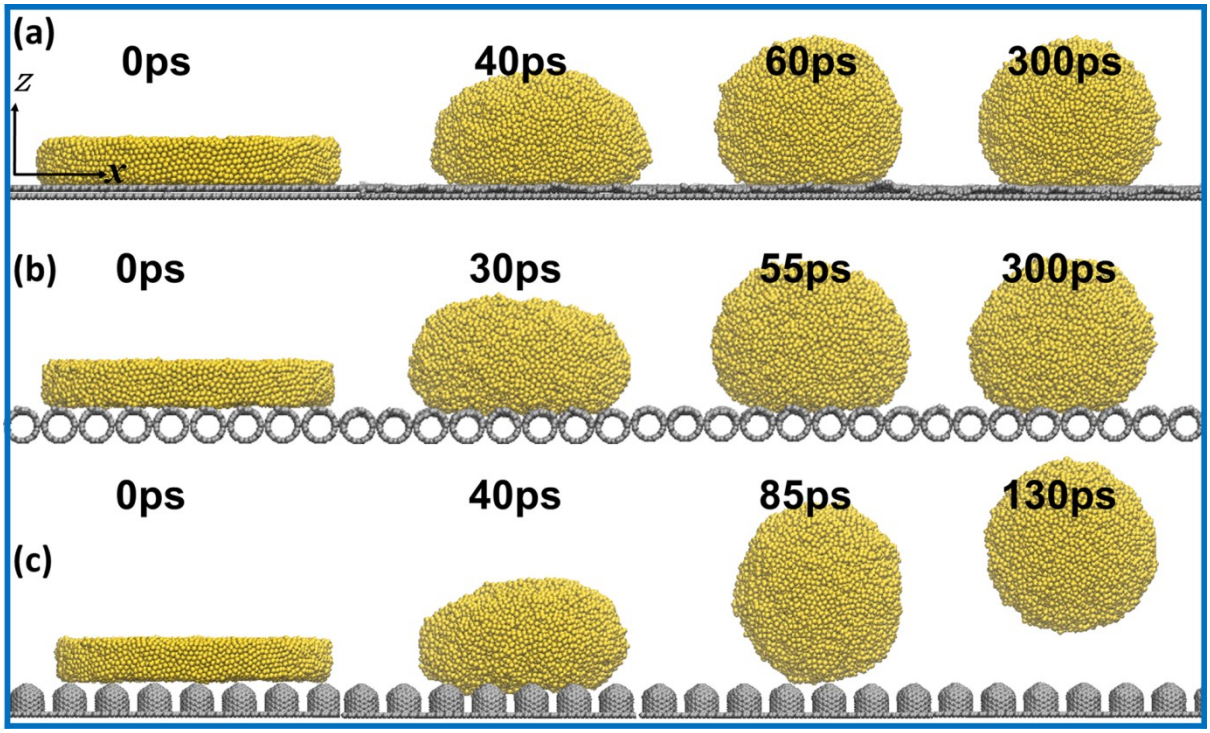

Figure S1. The snapshots of an isolated Au single film to reach a spherical shape. (a)Au film on the flat graphene. (b) Au film on the carbon nanotubes. (c) Au film on the PG surface.

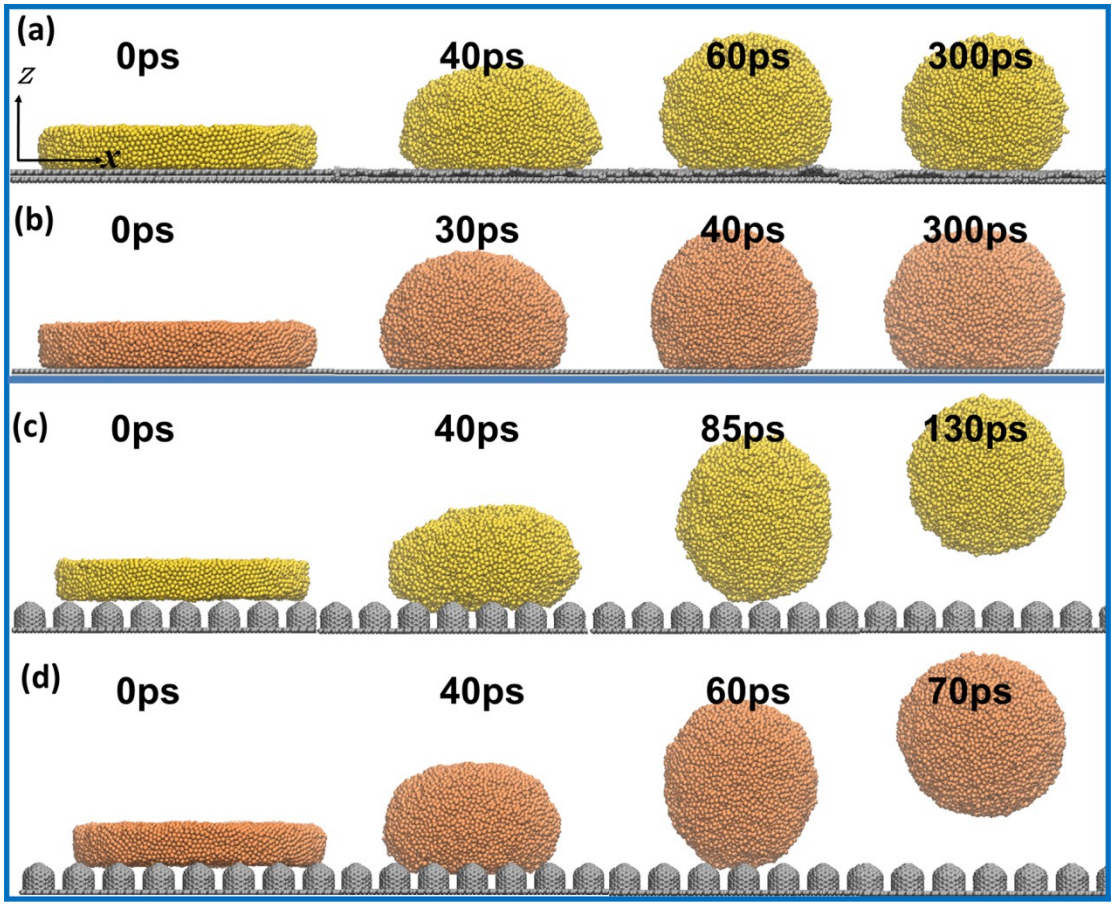

Figure S2. The snapshots of a single Au or Cu film to reach a spherical shape. (a) Au film on the flat graphene. (b) Cu film on the carbon nanotubes. (c) Au film on the PG surface. (d) Cu film on the PG surface.

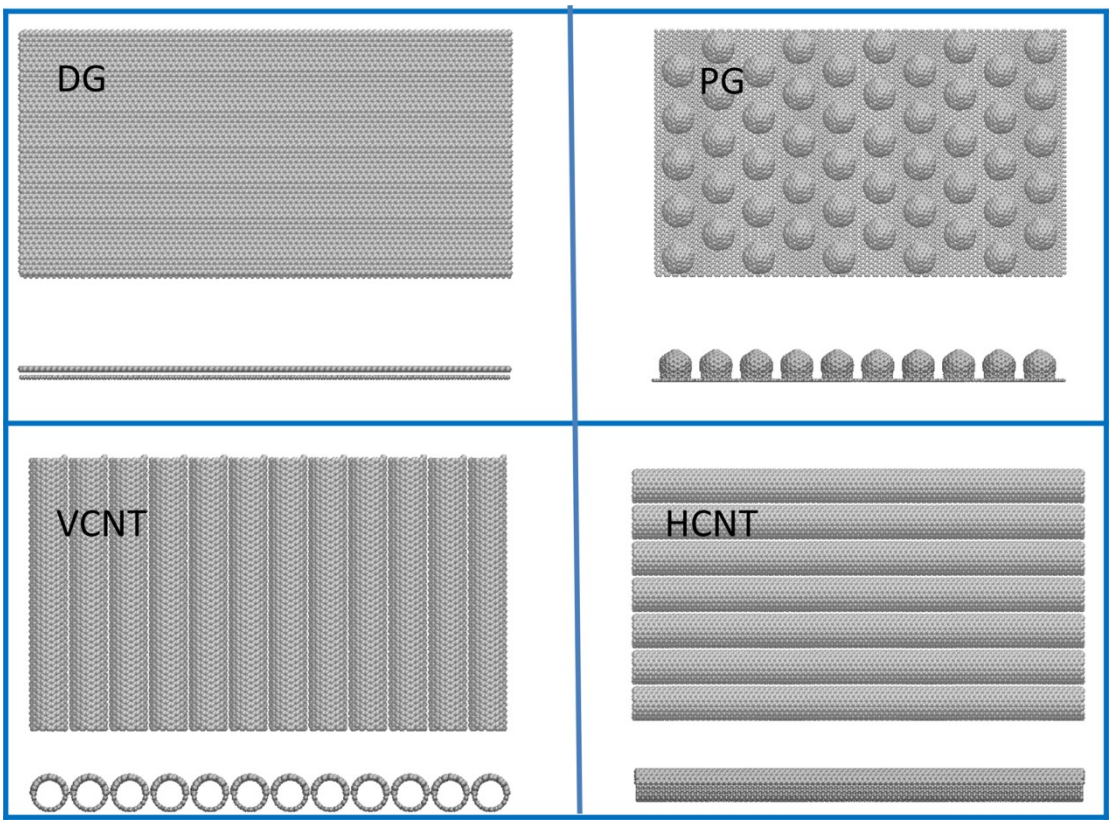

Figure S3. The structures of carbon nano substrates: the double-wall graphene (DG), vertically-placed carbon nanotubes (VCNT), horizontally-placed carbon nanotubes (HCNT) and pillared graphene (PG).