Electronic Supplementary Material (ESI) for RSC Advances.


# Facile fabrication of highly conductive tracks using long silver nanowries and graphene composite

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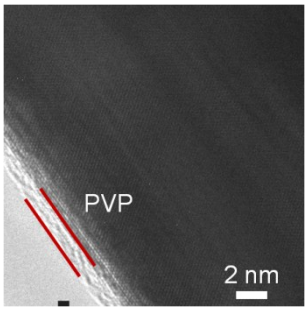


Figure S1 TEM image of individual AgNW with PVP layer on the surface.

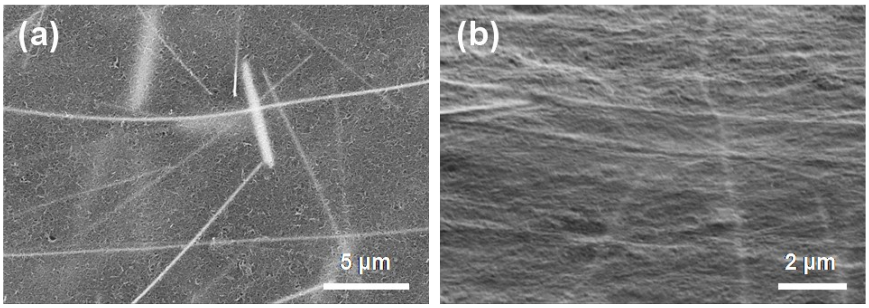


Figure S2 (a) Top view and (b) tilted SEM images of AgNW-G hybrid tracks

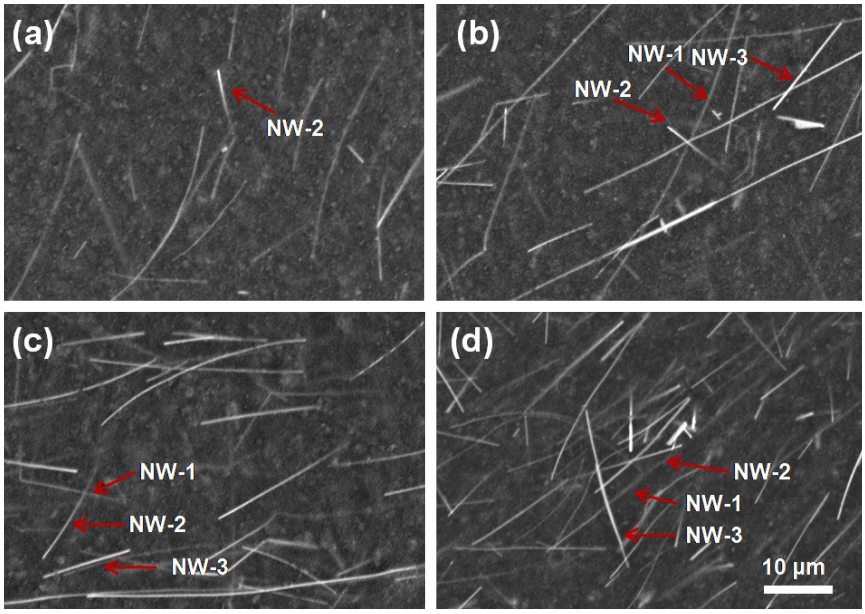


Figure S3 SEM images of AgNW-G hybrid tracks with various Ag containments after sintering at 150$^{o}$C for 15 min. (a) 5%, (b) 10%, (c) 15%, (d) 30%.

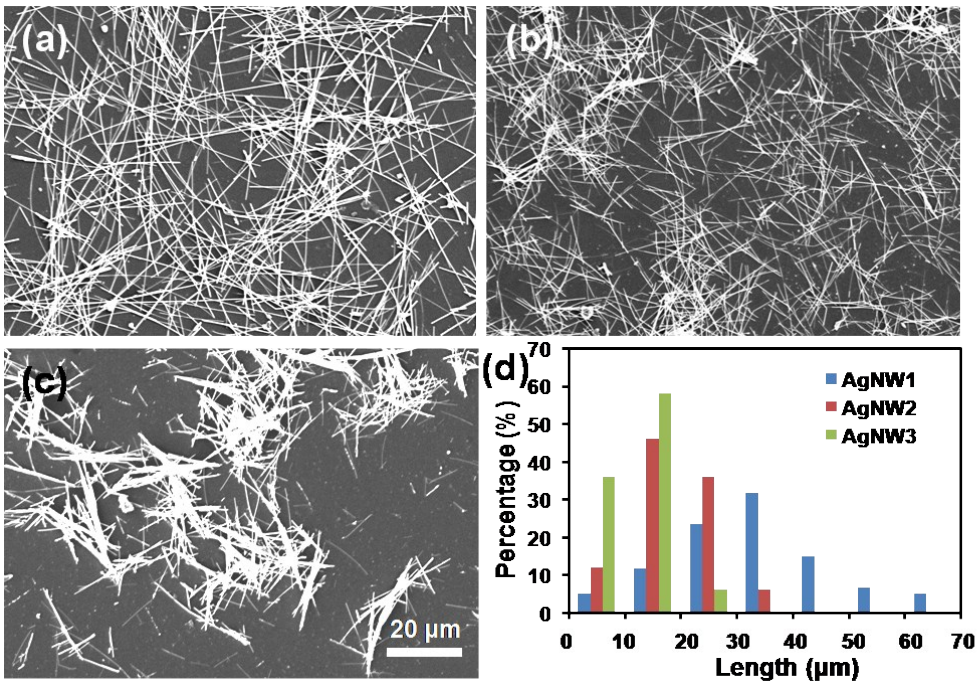


Figure S4 SEM images of AgNW1, AgNW2 and AgNW3

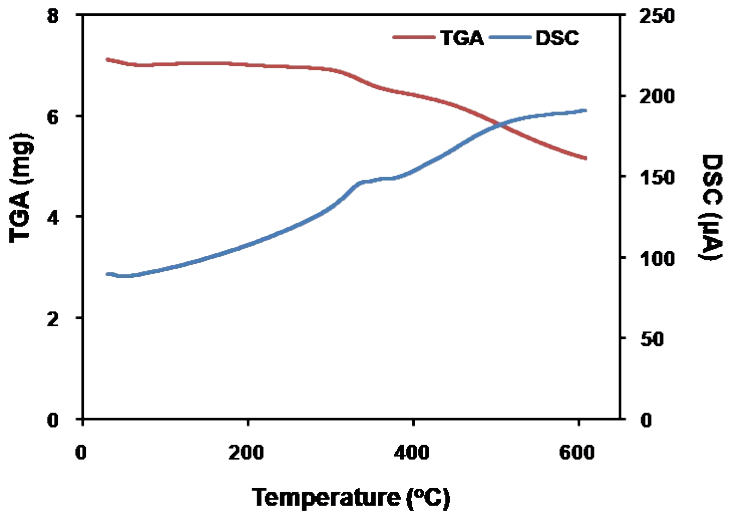


Figure S5 TGA/DSC curves of graphene ink after pre-dried at 60°C.

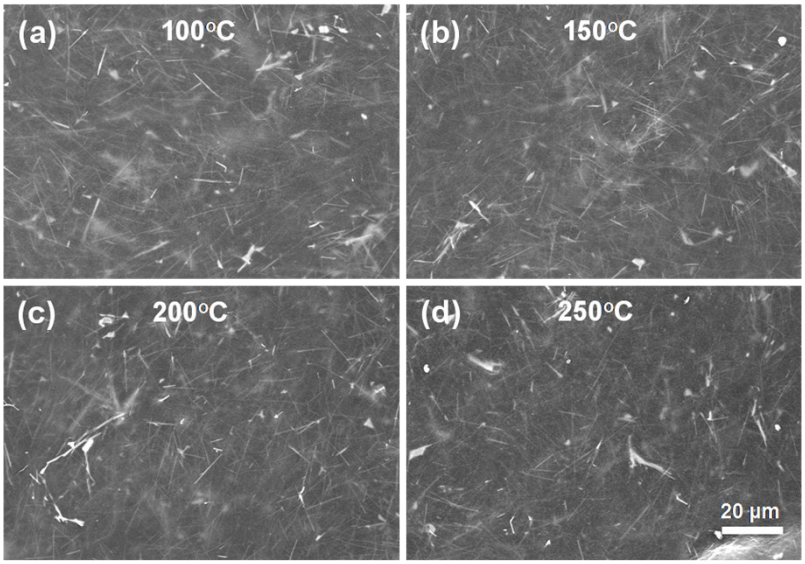


Figure S6 SEM images of AgNW-G hybrid conductive tracks sintered at different temperatures. (a) 100°C, (b) 150°C, (c) 200°C, (d) 250°C