

Supporting information

High Substrate Temperatures Induce Large 2D Self-Assembled Domains of Hydrophobic Cobalt Nanoparticles Onto Hydrophilic Silicon Substrates

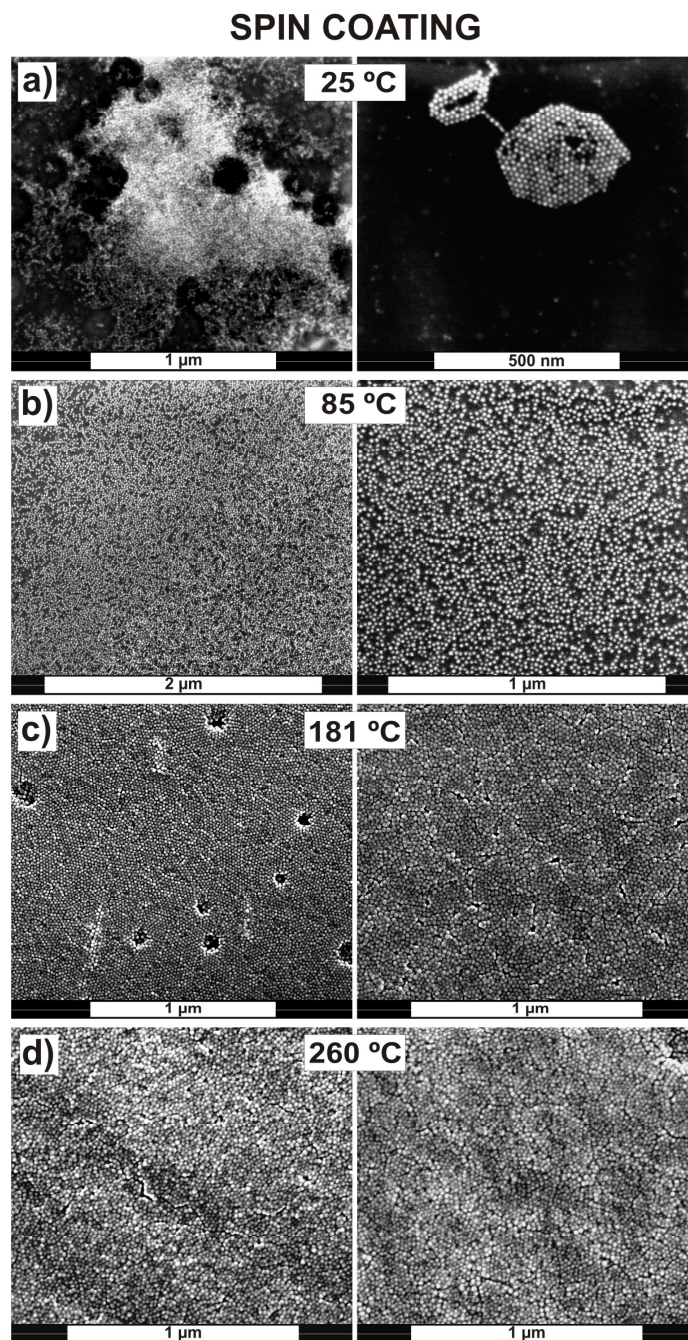


Figure S1. SEM images of self-assembled morphologies resulting from spin coating technique at different substrate temperatures: 25 °C (a), 85 °C (b), 181 °C (c) and 260 °C (d). The right panels depict another representative zone of the same sample.

DROP CASTING

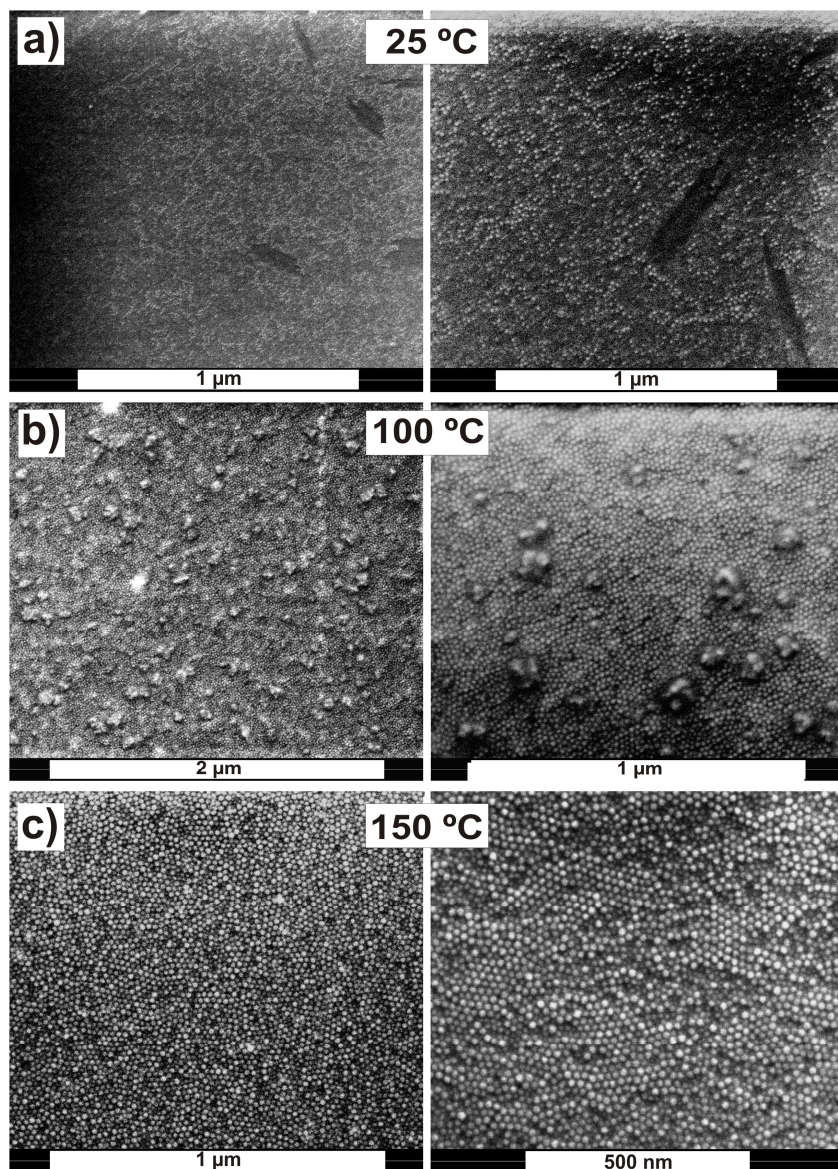


Figure S2. SEM images of self-assembled morphologies resulting from drop casting technique at different substrate temperatures: 25 °C (a), 100 °C (b) and 150 °C (c). The right panels depict another representative zone of the same sample.

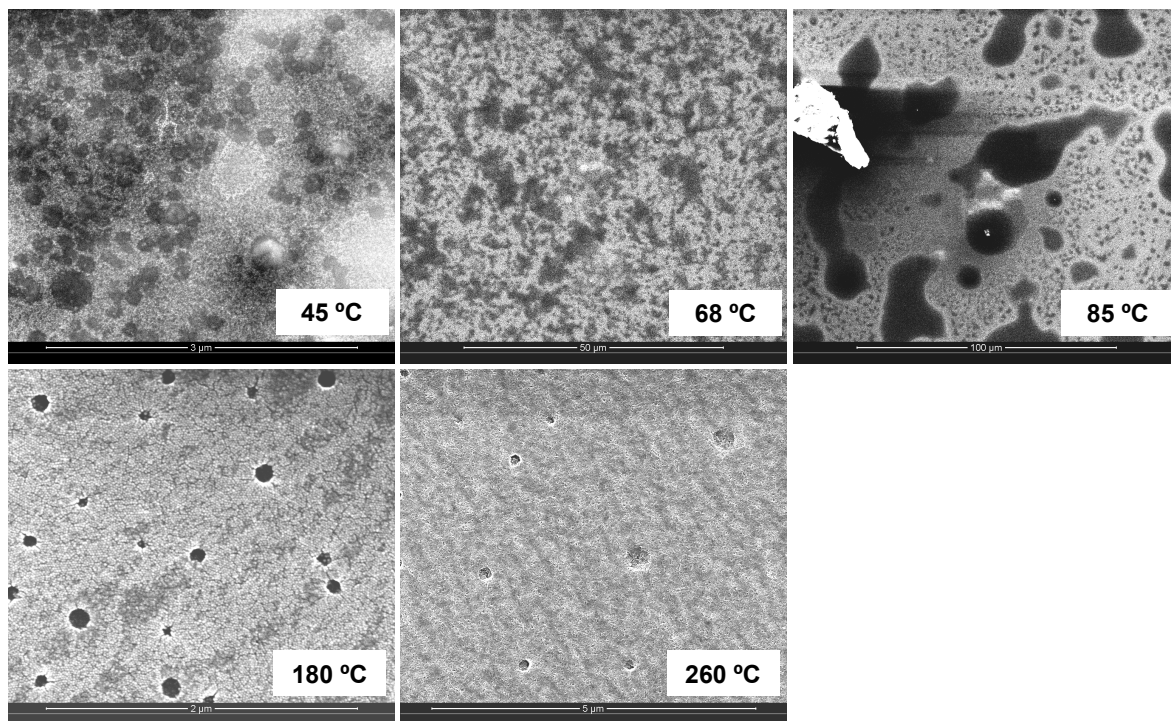


Figure S3. Low magnification SEM images of self-assembled morphologies resulted from spin coating deposition technique at substrate temperatures of 45, 68, 85, 180, and 260 °C.

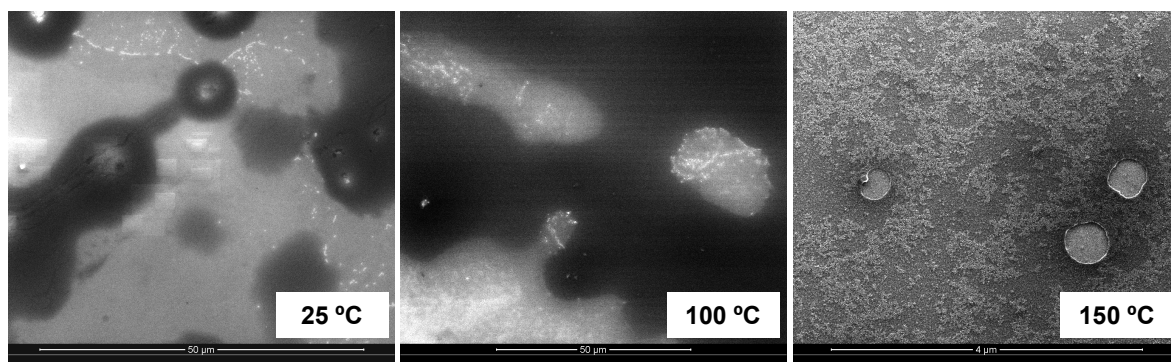


Figure S4. Low magnification SEM images of self-assembled morphologies resulted from drop casting deposition technique at substrate temperatures of 25, 100, and 150 °C.