

Supplementary Material

Fast and Low-Cost Synthesis of MoS₂ Nanostructures on Paper Substrates for Near-Infrared Photodetectors

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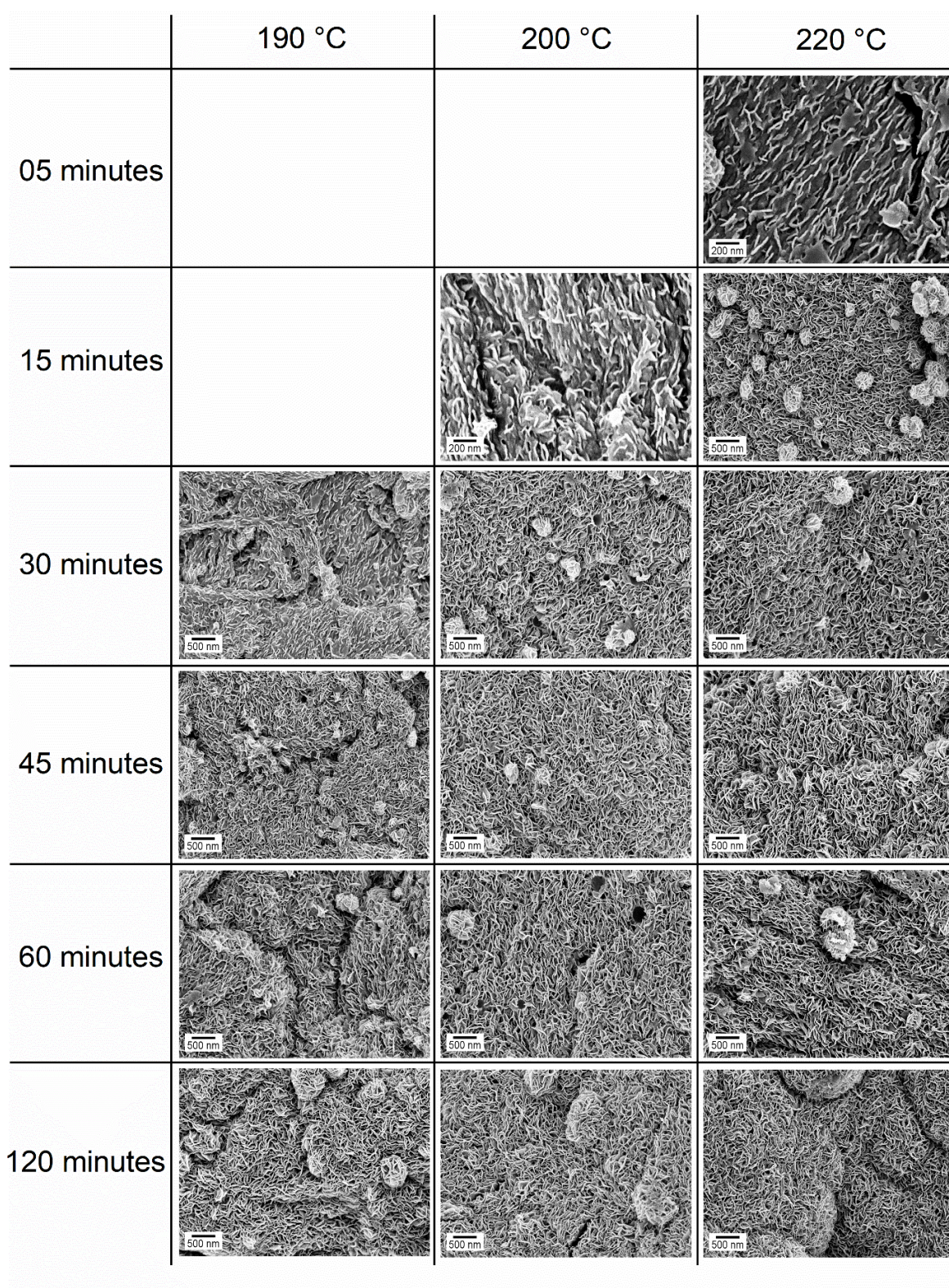


Figure S1. SEM images of the MoS₂ nanostructures grown directly on cellulose paper substrates with different temperature and time of 7 synthesis.

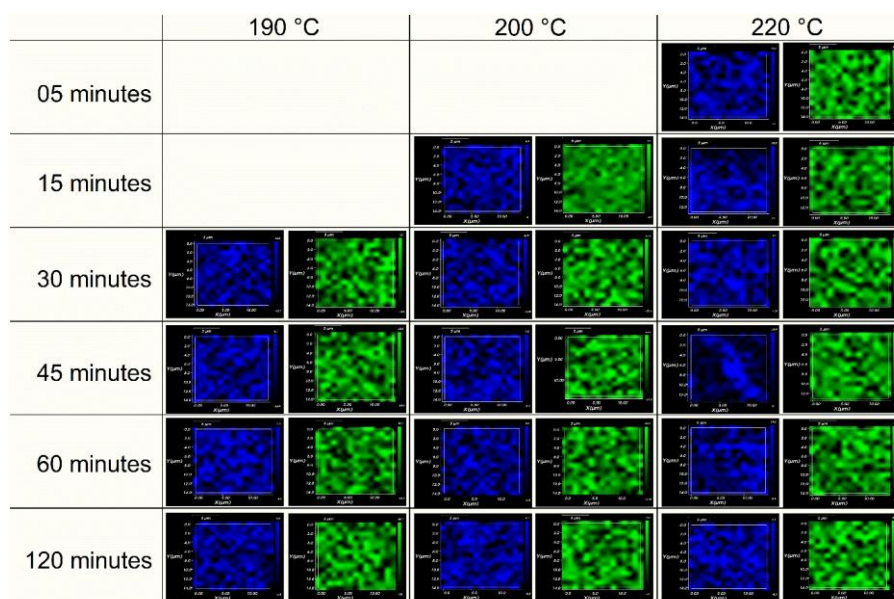


Figure S2. Micro-Raman mapping and detachment of phases 1T (blue) and 2H (green) in samples of MoS₂ nanostructures grown directly on 13 paper substrates with different temperature and time of synthesis.

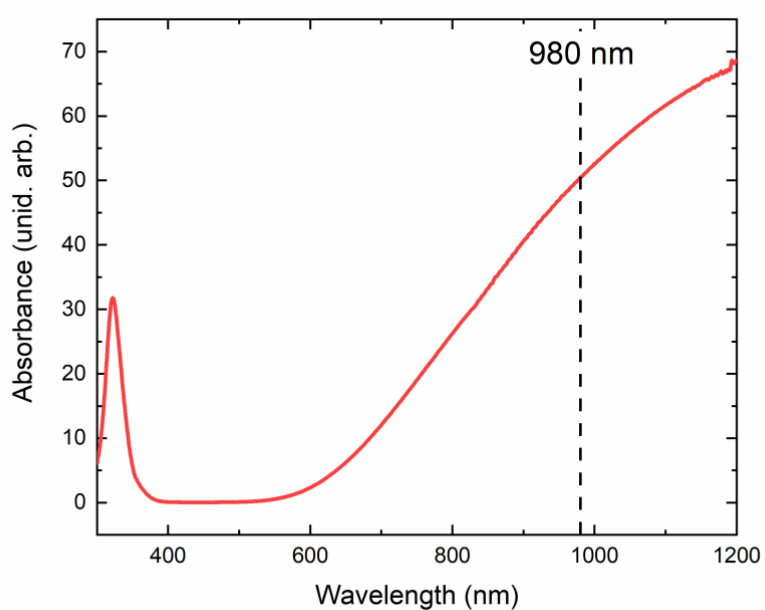


Figure S3. Absorbance spectrum of silver nanoparticles ink in an isopropyl alcohol solution.