

Poster Presentation

[FMCp3]Metrology &Manufacturing

Thu. Nov 28, 2019 10:40 AM - 1:10 PM Main Hall (1F)

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[FMCp3-7]Mechanical Exfoliated Large Scale CVD-Graphene using Water-Soluble WO₃ Supporting Layer

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Keywords:Chemical Vapor Deposition, Mechanical Exfoliation, Graphene, Tungsten Oxide

We will introduce a large area clean graphene transfer method that solves the problems encountered during the transfer process of CVD graphene. WO₃ can transfer high-quality graphene synthesized on a Ge substrate without a defect, and there is no chemical etching process due to its water-soluble nature.