

Abstract Submitted  
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**Size Control of Nanographene Directly Grown On Glass** JAEWU  
CHOI, Kyung Hee University — We directly deposited very thin carbon film was on glass by thermal chemical deposition at 750 °C without using any catalyst. The directly deposited carbon film consists of nanographene with an in-plane crystal size of  $\sim 15$  nm. The in-plane crystal size of nanographene increased up to 23 nm by annealing of the post-deposited nickel film on the nanographene film at 300 °C to 500 °C. This study suggests that nanographene can be directly deposited on glass at low temperature and that the crystalline size can be controlled.

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