





Transfer-free, direct growth of graphene by atomic layer deposition on oxide surface

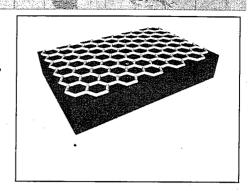
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Experience:

http://www.mse.ntu.edu.tw/index.php?option=com_zoo&task=item&item_i d=47&Itemid=902&lang=tw



Market Needs:

The growth of graphene

Our Technology:

The invention breaks the limitation caused by the conventional graphene preparation methods based on mechanical exfoliation, CVD growth on a metal layer, and SiC sublimation. A transfer-free, direct growth of graphene on oxide surface using atomic layer deposition (ALD) was developed.

Strength:

Transfer-free, direct growth of graphene on oxide surface

Competing Products:

Chemical Vapor Deposition (CVD)

Intellectual Properties:

No

Contact (do not need to fill out):

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