



Showcasing research from Professor Wubo Wan's laboratory, Yazhou Bay Innovation Institute, Hainan Tropical Ocean University, Sanya, China.

Ice crystal guided folding of graphene oxides in a confined space: a facile approach to 1D functional graphene structures

An ice crystal guided folding strategy to fabricate 1D folded graphene nanobelts (FGBs) was developed, where the formation and growth of ice crystals in a confined space function to guide the folding of 2D graphene oxide (GO) nanosheets into 1D nanobelts that were subsequently converted to FGBs after annealing.

As featured in:



See Xiaojuan Hao, Timothy C. Hughes, Jieshan Qiu *et al.*, *Nanoscale Adv.*, 2024, **6**, 1643.