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Water-responsive helical graphene-oxide fibers incorporating a continuous carbon nanotube network

Yuping Sun, Ying Wang, Chunfei Hua, Yali Ge, Siyu Hou, Yuanyuan Shang, Anyuan Cao



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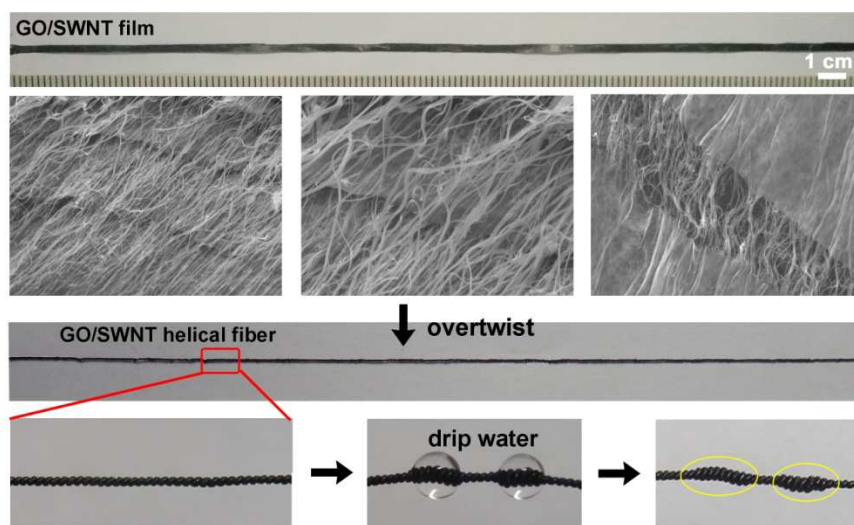
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A continuous single-walled carbon nanotube (SWNT) network into dispersed GO sheets to fabricate GO/SWNT composite films and helical fibers with an alternating layered structure which lead to reversible mechanical actuation with axial contraction up to 50% of original fiber length in response to water adsorption.

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