



# ADVANCED FUNCTIONAL MATERIALS

## POROUS GRAPHENE

A scalable and solution-processable strategy called the “on water spreading” method is developed to create free-standing graphene honeycomb films. As reported by Xiaodong Chen and co-workers on page 2972, the free-standing honeycomb films obtained can be easily transferred to the substrates of interest while retaining their original sizes and structures. They exhibit broad spectrum antibacterial activity and enhanced efficiency of photoconversion.