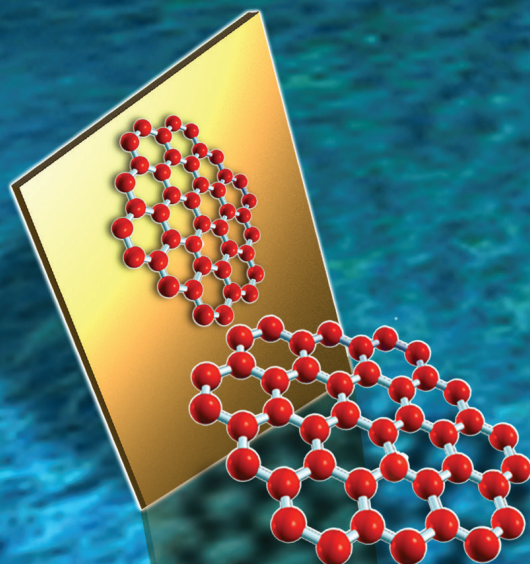


ADVANCED FUNCTIONAL MATERIALS



ENERGY-EFFICIENT GROWTH

A novel energy-efficient plasma-enabled approach for fabricating third generation 3D T-junction graphene microwells and their instant chemical-free water-assisted decoupling and transfer process is reported by K. Ostrikov and co-workers on page 6114. The structures deposited on a copper foil are then transferred without any significant damage, in de-ionized or tap water at room temperature, into virtually any, including flexible transparent substrates, for their reliable and competitive optical and gas sensing applications.