Supplementary material (ESI) for Journal of Materials Chemistry

Supplementary Material for

Graphene sheets from worm-like exfoliated graphite

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Figure S1 (a-d) TEM images of graphene sheets. (e) Electron diffraction pattern for the multilayer graphene, taken from the spot marked in (d).

Figure S2 Models and TEM simulations of crumpled graphene sheets. Two sinusoidal waves are applied to the flat graphene sheet to introduce ripples with a deformation height (*c* direction) of ~0.3 nm and a lateral size (in-plane) of ~2 nm. The projection view varies with the tilting angle (α): (a) $\alpha=0^{o}$, (b) $\alpha=30^{o}$. When the incident electron beam is perpendicular to the graphene surface ($\alpha=0^{o}$), the surface crumpling couldn't be well resolved. The graphene sheet with a larger α clearly shows the periodic lattice distortion of the carbon hexagons.

Figure S1

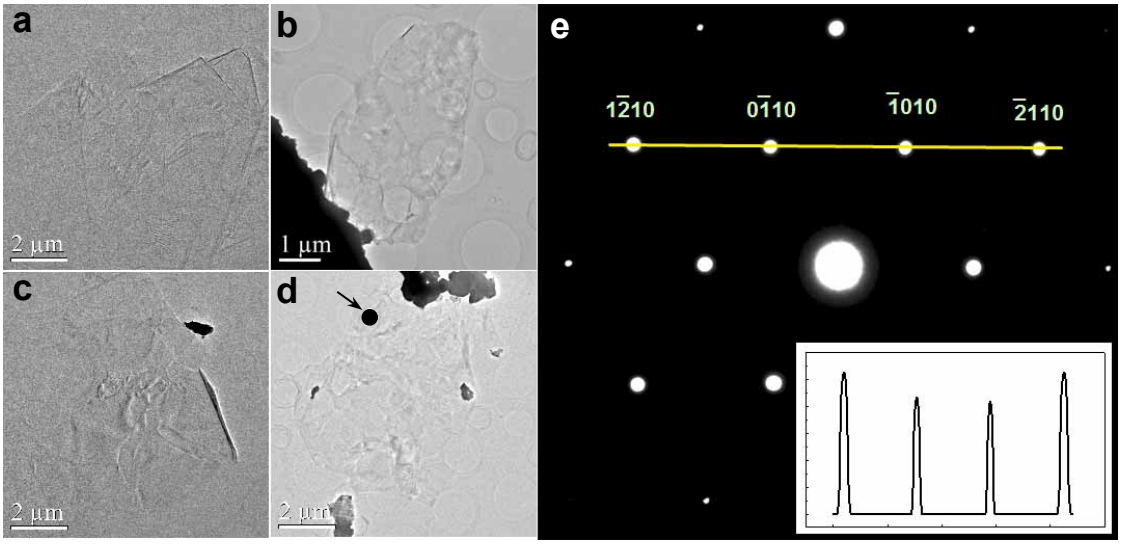

Figure S2