Electronic Supplementary Information

Highly Concentrated Polycations-Functionalized Graphene Nanosheets with Excellent Solubility and Stability, and Its Fast, Facile and Controllable Assembly of Multiple Nanoparticles

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**Fig. S1** Typical TEM images of Au NP5-BGNs with well-controlled densities of AuNPs. AuNP densities were controlled by adding different volume (25 μL (A), 75 μL (B) and 200 μL (C)) of 0.4 mg mL⁻¹ BGNs into 1 mL of citrate-capped 5 nm Au nanoparticles.