

Electronic Supplementary Information

Combined electrophoretic deposition-anodization method to fabricate reduced graphene oxide-TiO₂ nanotube films

Jung-Ho Yun,^a Roong Jien Wong,^a Yun Hau Ng,^{*a} Aijun Du^b and Rose Amal^{*a}

^a ARC Centre of Excellence for Functional Nanomaterials, School of Chemical Engineering, the University of New South Wales, Sydney, NSW 2052, Australia.

^b Centre for Computational Molecular Science, Australia Institute for Bioengineering and Nanotechnology (AIBN), the University of Queensland, Brisbane, QLD 4072, Australia.

E-mail: r.amal@unsw.edu.au; yh.ng@unsw.edu.au;

Fax: +612-9385-5966; Tel: +612-9385-4361

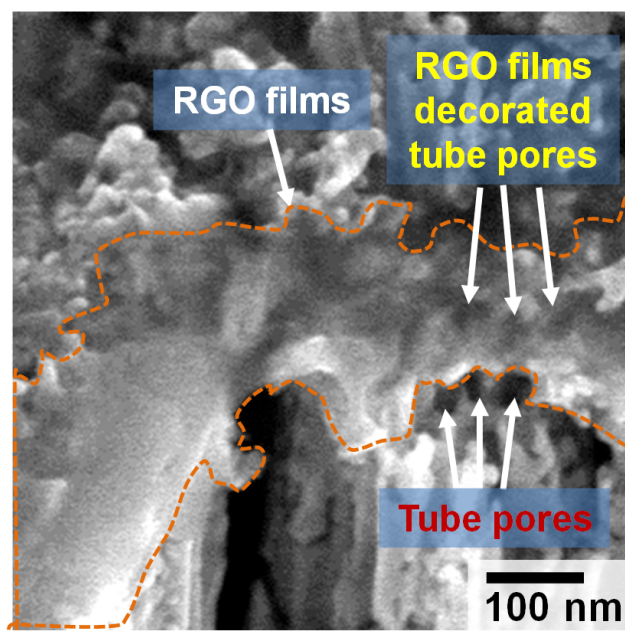


Fig. S1 SEM image of mRGO-TNTs by the CEPDA method (zoomed in the **Fig. 2**).

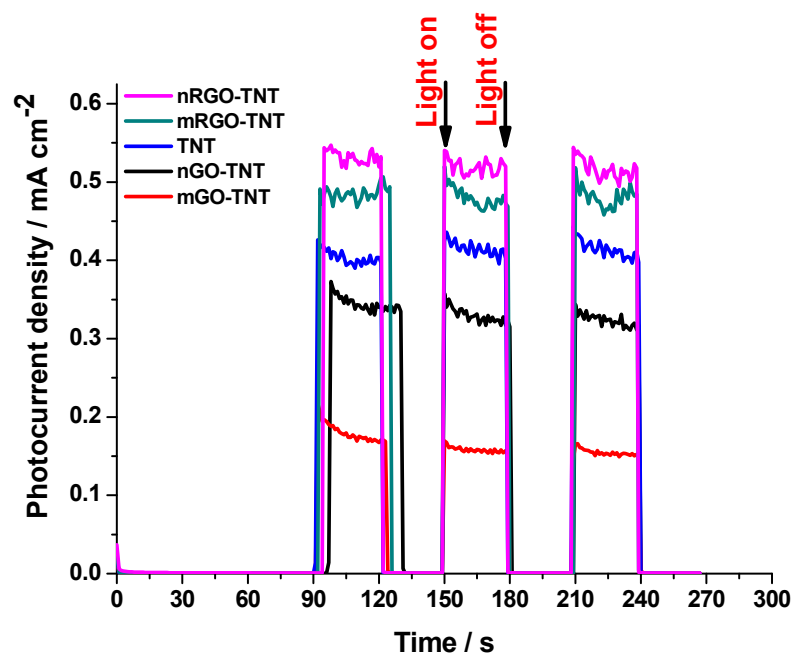


Fig. S2 Amperometric result of TNT, mGO-TNT, nGO-TNT, mRGO-TNT, and nRGO-TNT arrays (prepared by the CEPDA method) obtained at 0.75 V vs Ag/AgCl in 0.5 M Na₂SO₄ electrolyte under 300 W Xe-lamp.