Supporting Information

Single-Step Synthesis of Nano-Sized Perovskite-Type Oxide / Carbon Nanotube Composites and Their Electrocatalytic Oxygen-Reduction Activities

Kohei Miyazaki,*a Ken-ichi Kawakita,b Takeshi Abe,a Tomokazu Fukutsuka,a Kazuo Kojima,b Zempachi Ogumi,a

a Graduate School of Engineering, Kyoto University, Nishikyo-ku, Kyoto 615-8510, Japan
b Graduate School of Science and Engineering, Ritsumeikan University, Kusatsu, Shiga 525-8577, Japan

Figure S1. Magnified TEM image of LSMO/CNT (8:2:10) composite. LSMO nanoparticles with a d-spacing of 0.39 nm are surrounded by white circles.
Figure S2. TG/DTA curves of metal-TMHD compounds using pierced Al pans at a heating rate of 10 °C min$^{-1}$. Ar was used as a carrier gas and flowed at a rate of 150 mL min$^{-1}$. 

Supplementary Material (ESI) for Journal of Materials Chemistry
This journal is (c) The Royal Society of Chemistry 2011
Figure S3. Linear sweep voltammograms of LSMO/C catalyst in an O₂-saturated aqueous solution of 1 mol dm⁻³ KOH. Sweep rate: 10 mV s⁻¹; temperature: 303 K.