

Effect of Charge and Discharge on the Capacitance of Supercapacitor of
Hydrous Ruthenium Oxides and Carbon Nanotube Coatings

黃厚升, 林育立

Mechanical Engineering

Engineering

yulilin@chu.edu.tw

Abstract

Supercapacitors have many advantages applied in a variety of fields for their larger capacitance, high power density and long cycle life. Various methods have been utilized to manufacture electrode of supercapacitor including cyclic voltammetric method, sol-gel method, anodizing, cathodic deposition method and etc.

Keyword : Carbon Nanotube, Supercapacitor, Hydrous Ruthenium Oxides