Synthesis and Characterization of Large-Pore Ordered Mesoporous Carbons using Gyroidal Silica Template

Tae-Wan Kim,*† and Leonid A. Solovyov‡

Department of Chemistry (School of Molecular Science BK21), KAIST, Daejeon 305-701,

Republic of Korea

Institute of Chemistry and Chemical Technology, 660049 Krasnoyarsk, Russia

(Phone: (+82) 42 869 2870; Fax: (+82) 42 869 8130; E-mail: taewan75@kaist.ac.kr)

^{*} Correspondence should be addressed to Dr. T.-W. Kim.

^a Korea Advanced Institute of Science and Technology

^{*}Institute of Chemistry and Chemical Technology

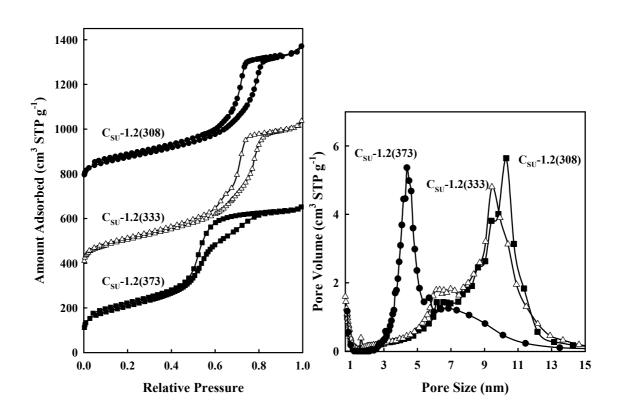


Figure 1S. Nitrogen adsorption-desorption isotherm and pore size distributions obtained by the BJH method for the mesostructured carbon materials with different hydrothermal treatment. The isotherms for C_{SU} -1.2(333) and C_{SU} -1.2(308) samples are offset vertically by 300 and 700 cm³ STP g⁻¹, respectively.