

Synthesis of Mesoporous Metal Oxides by Structure Replication: Thermal Analysis of Metal Nitrates in Porous Carbon Matrices

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Supplementary Information

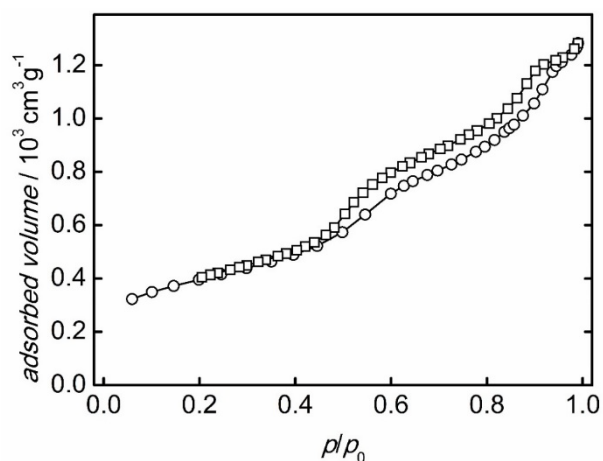


Figure S1. Nitrogen physisorption isotherm of ordered mesoporous CMK-3 carbon (circles, adsorption; squares desorption).

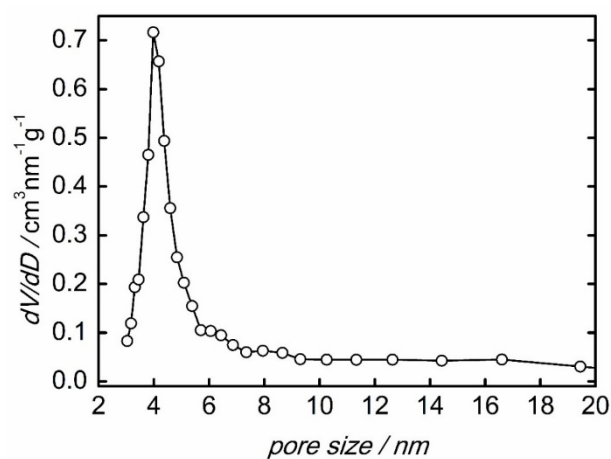


Figure S2 BJH-Pore size distribution (desorption branch) of ordered mesoporous CMK-3 carbon.

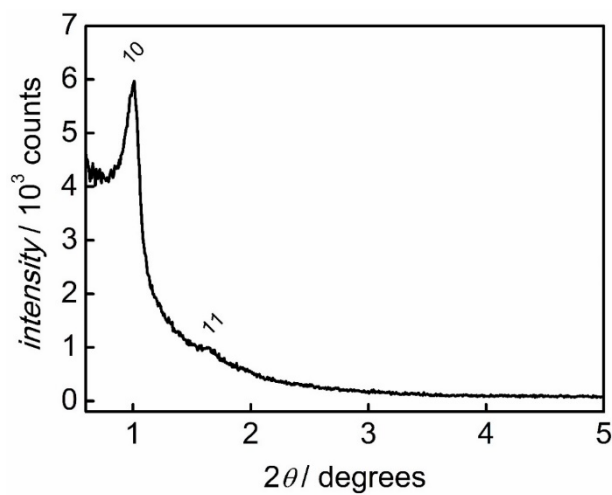


Figure S3. Powder X-ray diffraction pattern of ordered mesoporous CMK-3 carbon.

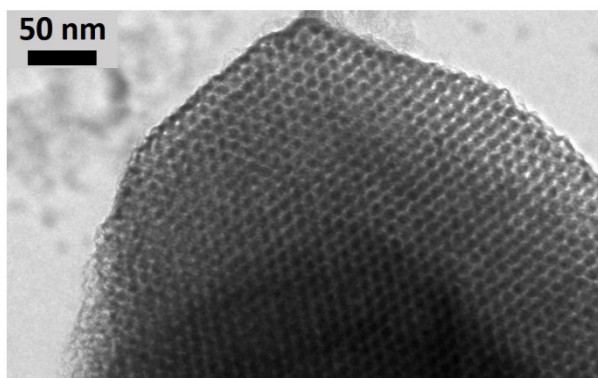


Figure S4. Representative transmission electron microscopy image of ordered mesoporous CMK-3 carbon.

Table S1. Structural parameters of mesoporous CMK-3 carbon.

BET surface area ($\text{m}^2 \text{g}^{-1}$)	pore size (nm)	pore volume ($\text{cm}^3 \text{g}^{-1}$)	lattice constant (nm)
1340	4.0	1.98	10.1