Electronic supplementary information (ESI)

Preparation of Monodisperse Mesoporous Carbon Microspheres from Poly(furfuryl alcohol)-silica Composite Microspheres Produced in a Microfluidic Device

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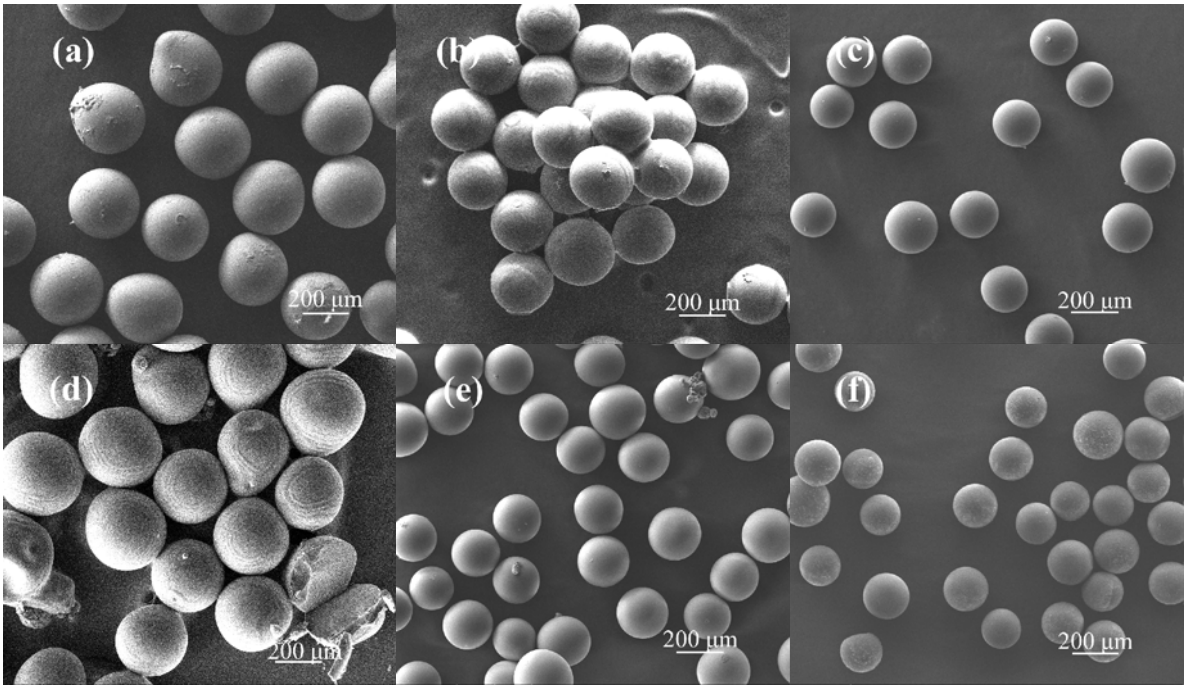

Fig. S1 SEM images of the carbon-silica microspheres prepared at different oil phase flow rates and residence time. (a) CS1, (b) CS2, (c) CS3, (d) CS4, (e) CS5, (f) CS6.

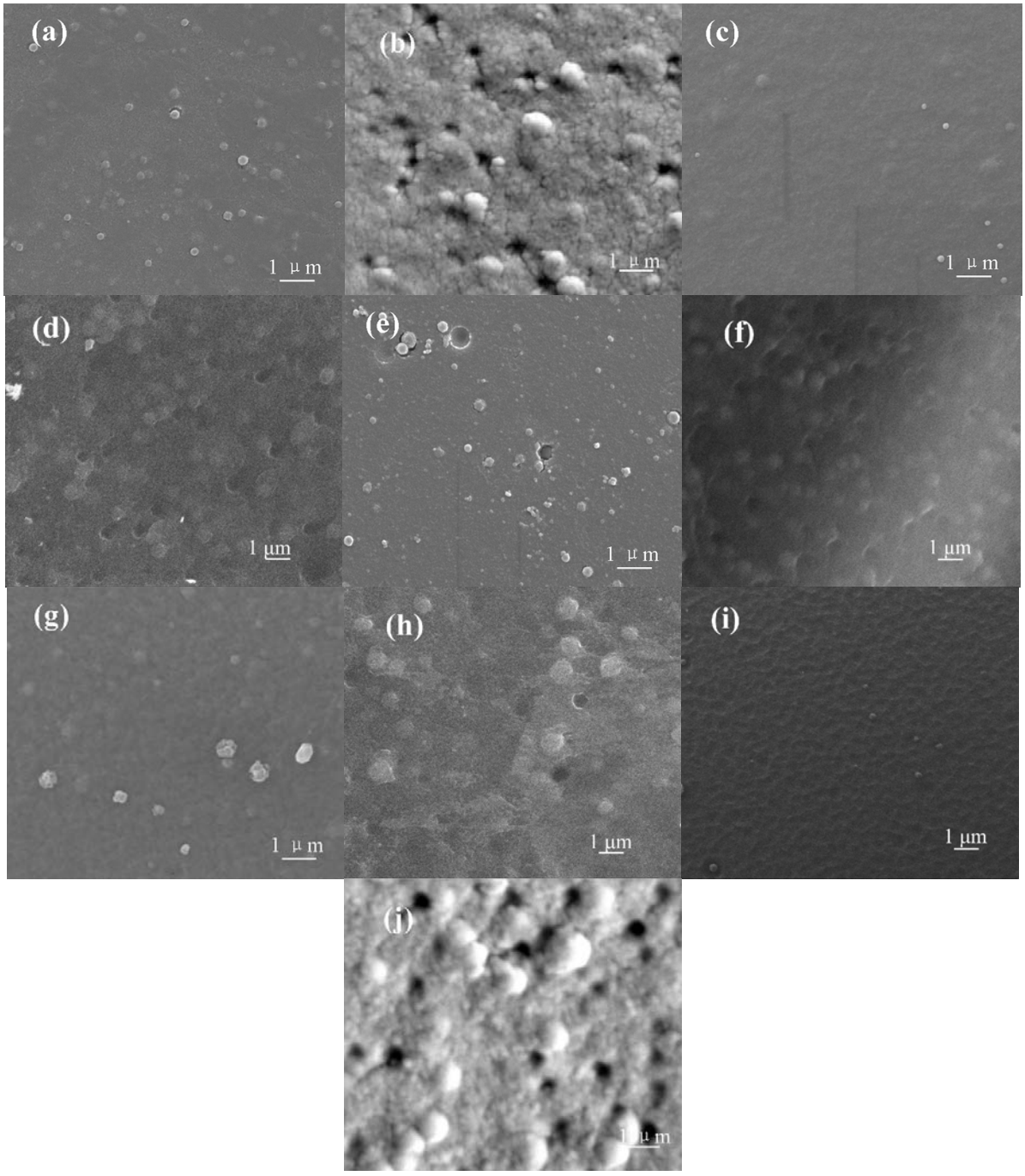

Fig. S2 SEM images for the surface (a, c, e, g, i) and the internal structure (b, d, f, h, j) of carbon microspheres prepared at different oil phase flow rates and residence time. (a,b) C2, (c,d) C3, (e,f) C4, (g,h) C5, (i,j) C6.

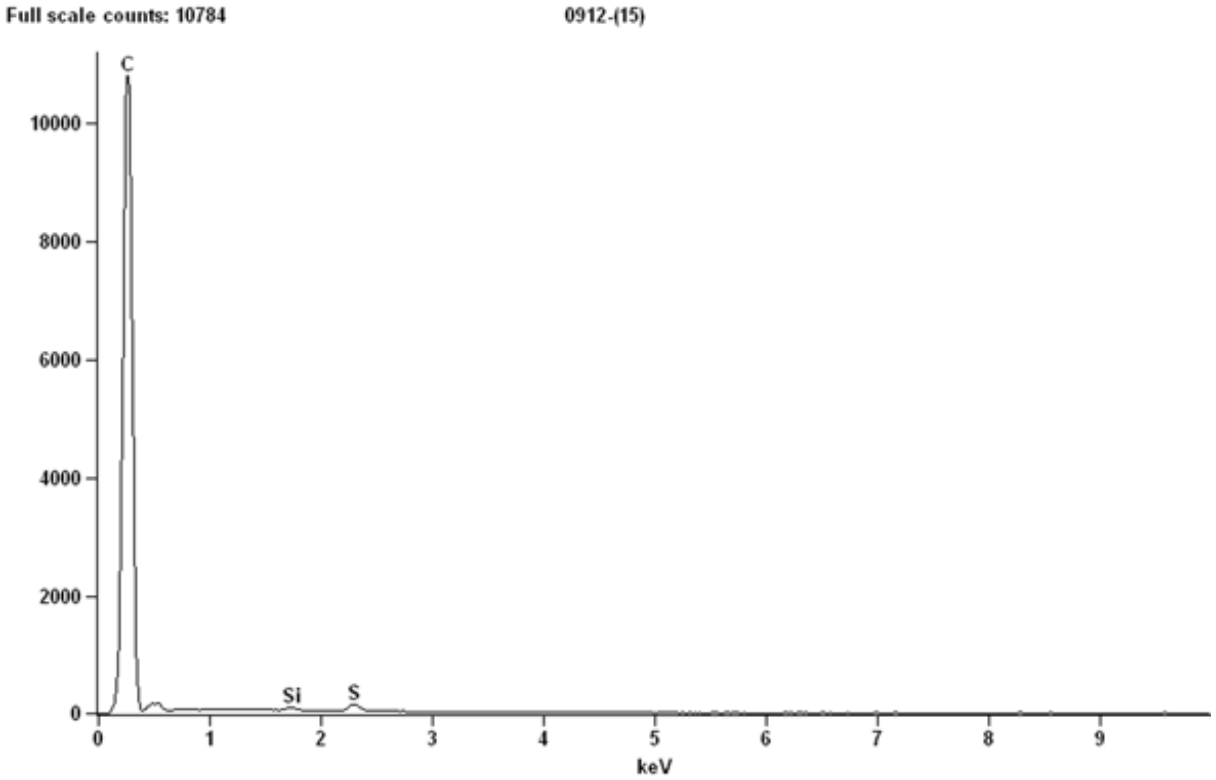

Fig. S3 EDX spectrum for sample C1.

Table S1 Quantitative Results for EDX analysis of sample C1

Element Line	Weight (%)	Atom (%)	Formula
C-K	99.66	99.87	C
Si-K	0.07	0.03	Si
S K	0.27	0.10	S
Total	100.00	100.00	

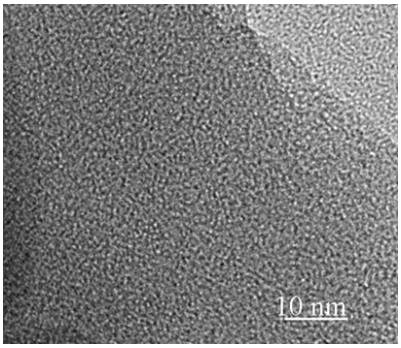

Fig. S4 TEM images of sample C1

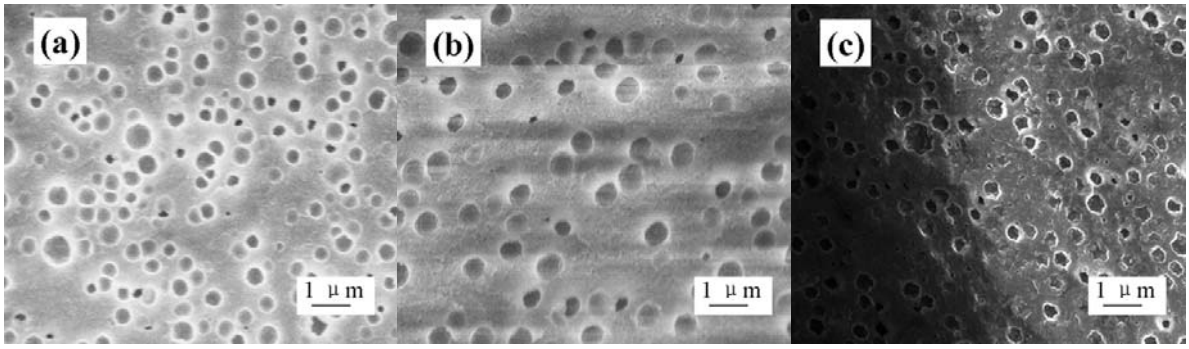

Fig. S5 SEM images for the internal structure of silica microspheres. (a) S6, (b) S7, (c) S8.