Electronic Supplementary Material (ESI) for RSC Advances.

Supporting Information

Controlling the microstructure of resorcinol-furfural aerogels and derived carbon aerogels via salt templating approach

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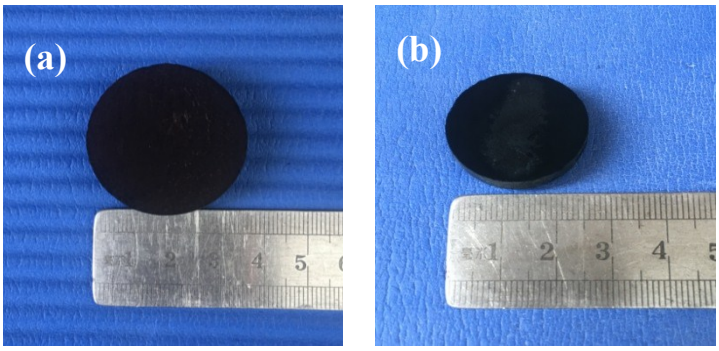

Fig. S1. Photos of RF aerogel (a) and derived carbon aerogel (b) synthesized by salt template

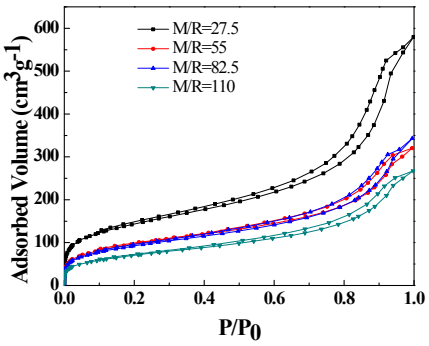

Fig. S2. The nitrogen adsorption isotherms of the RF aerogels synthesiszed by various M/R ratios. The Z/R ratio is kept constant as 6.48.

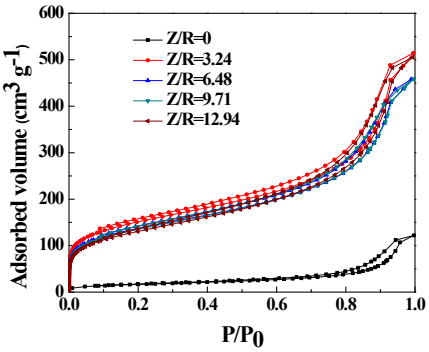

Fig. S3. The nitrogen adsorption isotherms of RF aerogels synthesized by various Z /R ratios. The M/R ratio is kept constant as 40.

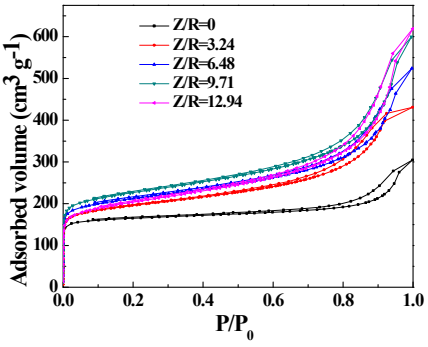

Fig. S4. The nitrogen sorption isotherms of carbon aerogels synthesized by various Z/R ratios. The M/R ratio is kept constant as 40.

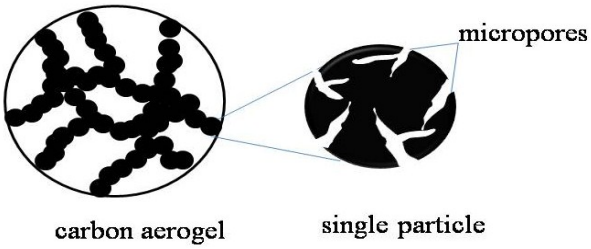

Fig. S5. Formation of micropores by skeleton particles

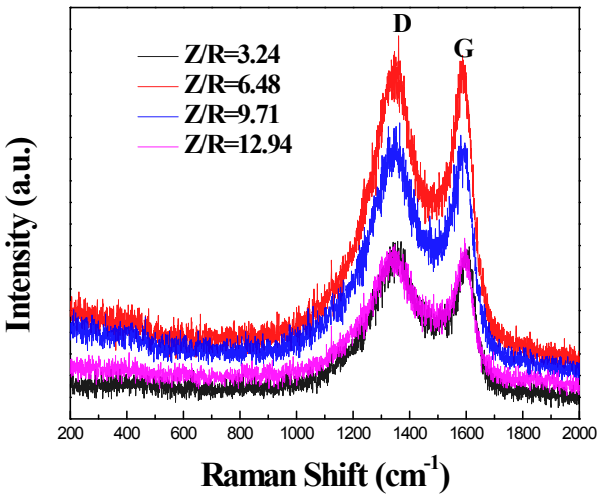

Fig. S6. Raman spectra of carbon aerogels synthesized by various Z/R ratios

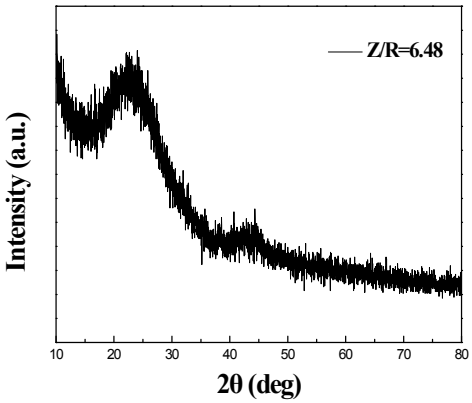

Fig. S7. XRD pattern of carbon aerogel synthesized by salt template

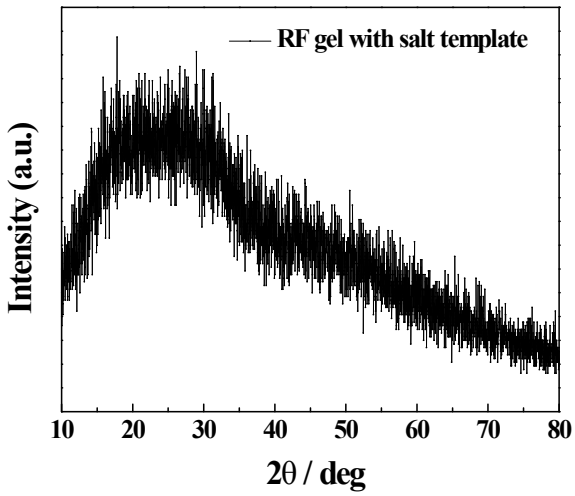

Fig. S8. XRD pattern of RF gel with salt template

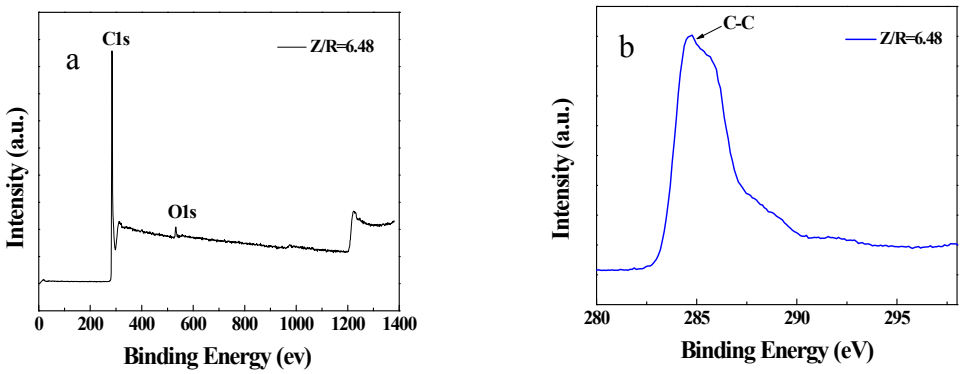

Fig. S9. Broad XPS spectra (a) and C 1s spectra (b) of as–prepared carbon aerogel

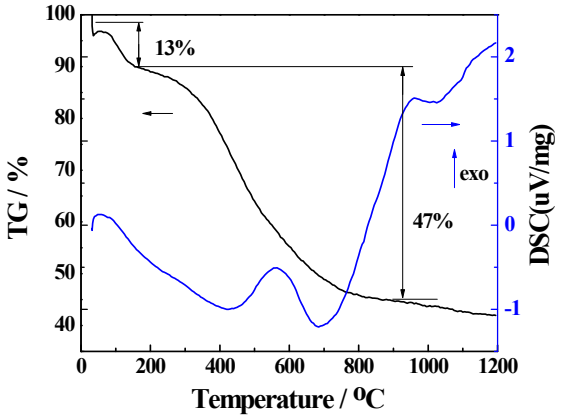

Fig. S10. TG-DSC curves of RF aerogel in argon atmosphere