**Supporting information**

**High performance coaxial wire-shaped supercapacitors using ionogel electrolyte toward sustainable energy system**

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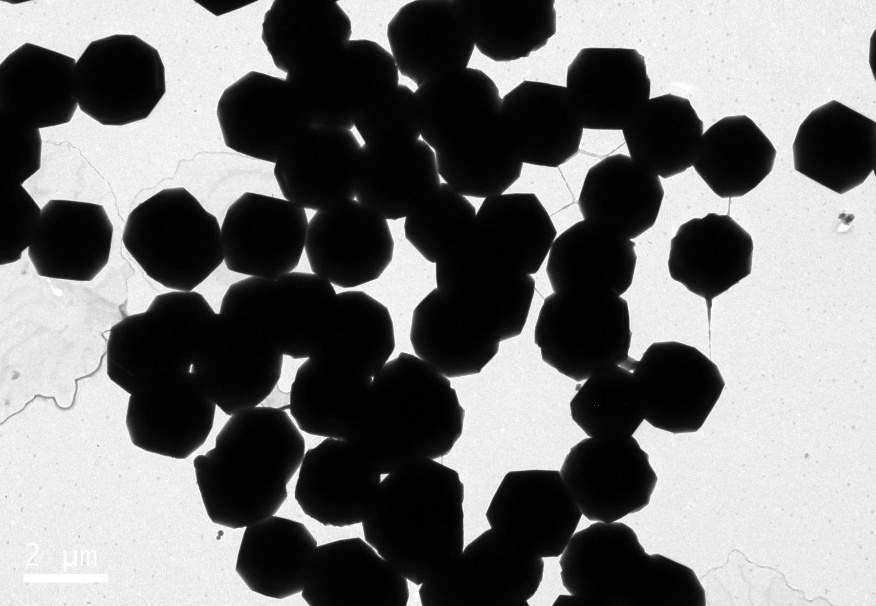


Fig. S1 TEM image of porous carbon dodecahedrons.

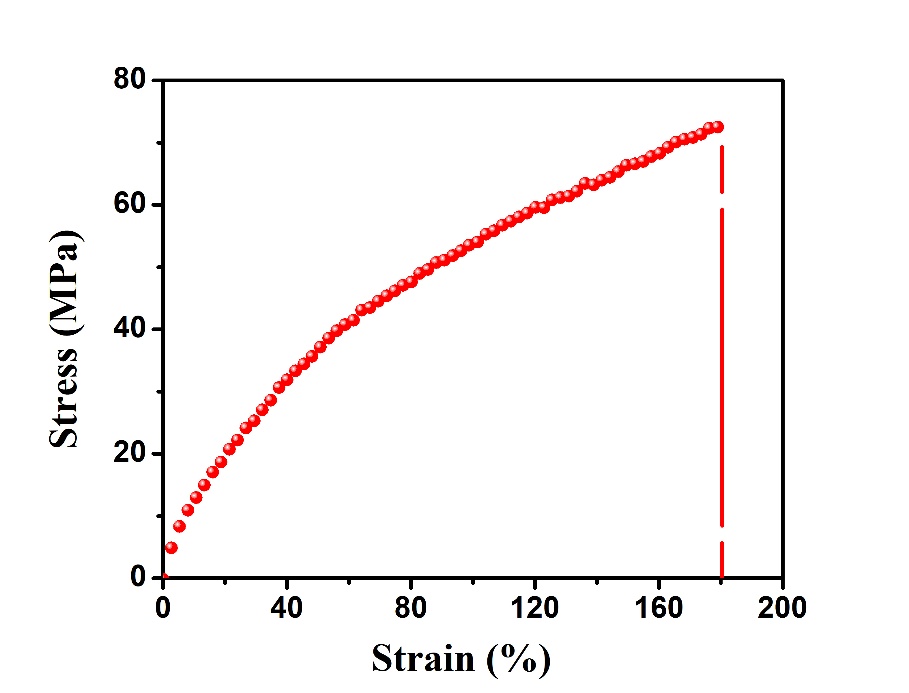


Fig. S2 Tensile stress-strain curve of coaxial WSSCs.

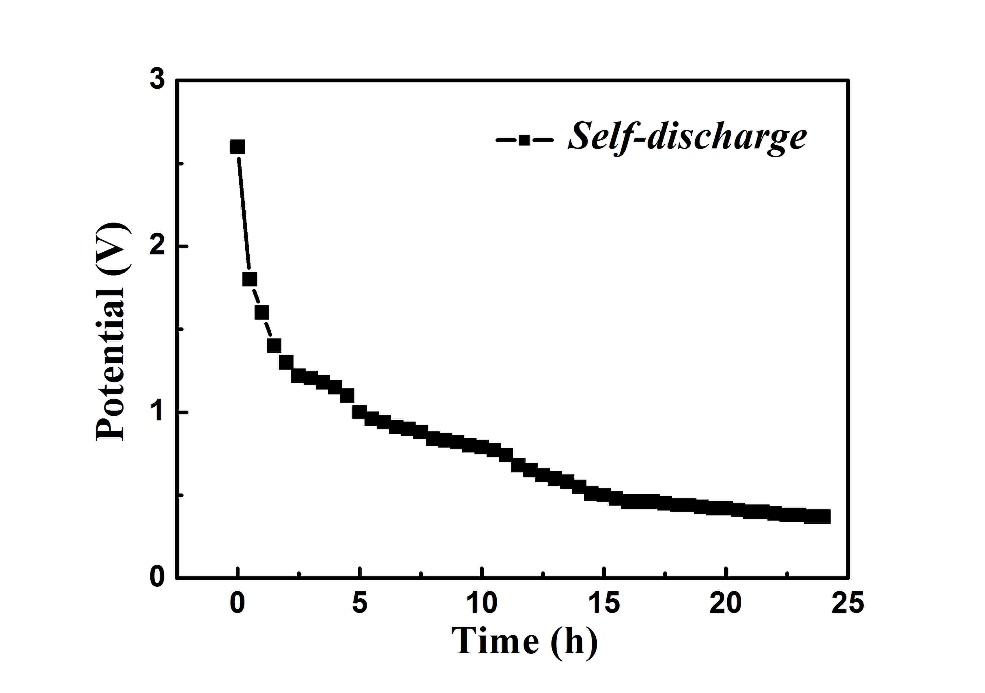


Fig. S3 Self-discharging performance of coaxial WSSCs.