

Cite this: *RSC Adv.*, 2017, 7, 37380

## Correction: Hierarchically porous polystyrene membranes fabricated *via* a CO<sub>2</sub>-expanded liquid selective swelling and *in situ* hyper-cross-linking method

Haozong Wang,<sup>a</sup> Hua Bai<sup>a</sup> and Lei Li<sup>\*ab</sup>

DOI: 10.1039/c7ra90083j

www.rsc.org/advances

Correction for 'Hierarchically porous polystyrene membranes fabricated *via* a CO<sub>2</sub>-expanded liquid selective swelling and *in situ* hyper-cross-linking method' by Haozong Wang *et al.*, *RSC Adv.*, 2015, 5, 68639–68645.

In the original article, the data presented in Fig. 4 and 5b of the main article and in Fig. S2 of the ESI were not collected for the material presented in this paper. For this reason, revised versions of Fig. 4 and 5b that correspond to the material presented in this paper are included herein. A new ESI file that contains a correspondingly updated Fig. S2 has been uploaded for the original article; this replaces the version originally uploaded on 12th August 2015.

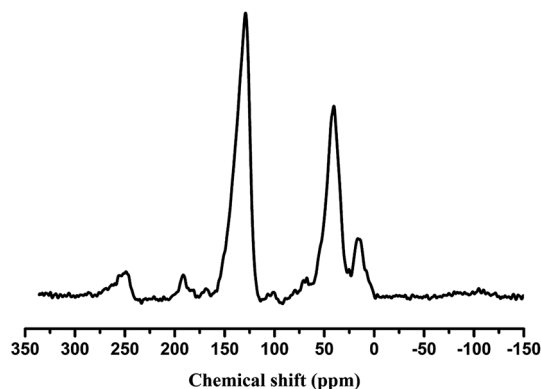


Fig. 4 Solid-state NMR spectrum of the hyper-cross-linked PS membrane.

<sup>a</sup>College of Materials, Xiamen University, Xiamen 361005, People's Republic of China. E-mail: lilei@xmu.edu.cn; Fax: +86-592-2183937; Tel: +86-592-2186296

<sup>b</sup>State Key Laboratory for Modification of Chemical Fibers and Polymer Materials, Donghua University, Shanghai 201620, People's Republic of China



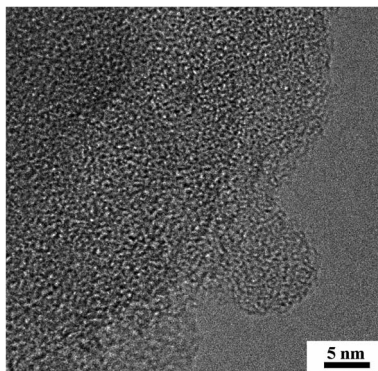


Fig. 5 (b) TEM image of the hyper-cross-linked PS membrane.

Additionally, the last sentence of the Results and discussion section should be changed as follows (the changes are in bold for clarity):

“The residual weight of the hyper-cross-linked PS membrane at 550 °C is **28.5%, much higher than that of the uncross-linked membrane**”.

In the Materials and methods section entitled ‘Hierarchically porous polymeric membranes *via* hyper-crosslinking’, “FeCl<sub>3</sub> (1.625 g, 0.005 mol)” should be corrected to “FeCl<sub>3</sub> (1.625 g, 0.01 mol)”.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

