

CORRECTION

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Correction: Balancing fluorine density and pore architecture in nanoporous polyketaminal networks for exceptional SF₆/N₂ separation

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Correction for 'Balancing fluorine density and pore architecture in nanoporous polyketaminal networks for exceptional SF₆/N₂ separation' by Qilin Wang *et al.*, *J. Mater. Chem. A*, 2026, <https://doi.org/10.1039/D6TA00457A>.

The authors regret that during the final production stage, a data duplication error was inadvertently introduced in Fig. 3(a). Specifically, the N₂ adsorption isotherms at 273 K and 298 K, and the SF₆ adsorption isotherm at 273 K for PKAN-2 were mistakenly plotted using the data belonging to PKAN-3 (which correctly correspond to Fig. 3(b)). The authors have re-evaluated the original data files and confirm that this was a graphical compilation error during figure preparation and does not affect any scientific discussion or conclusions of the original article.

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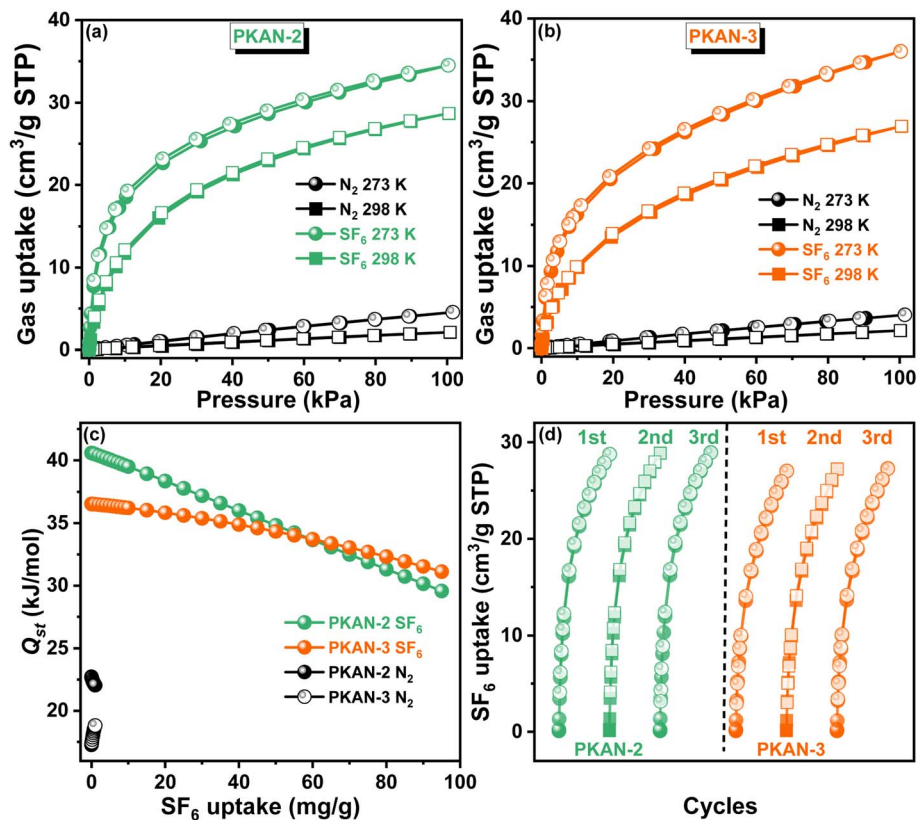


Fig. 3 (a) SF₆ and N₂ adsorption (filled symbols) and desorption (empty symbols) isotherms for PKAN-2 at 273 K and 298 K; (b) SF₆ and N₂ adsorption (filled symbols) and desorption (empty symbols) isotherms for PKAN-3 at 273 K and 298 K; (c) isosteric heat of adsorption (Q_{st}) for SF₆ and N₂ on PKAN-2 and PKAN-3 at low coverage; (d) three cycles of SF₆ adsorption at 298 K for PKAN-2 and PKAN-3.

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

