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Retraction: Research on CO₂/CH₄/N₂ competitive adsorption characteristics of anthracite coal from Shanxi Sihe coal mine

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 Retraction of 'Research on CO₂/CH₄/N₂ competitive adsorption characteristics of anthracite coal from Shanxi Sihe coal mine' by Jia Jinzhang *et al.*, *RSC Adv.*, 2024, 14, 3498–3512, <https://doi.org/10.1039/D3RA08467A>.

We, the named authors, hereby wholly retract this *RSC Advances* article due to errors in the simulation results of the paper. After the article was published, we discovered errors in the gas adsorption simulation, and as a result, Fig. 12, 14 and 15 are not accurate enough. The conclusions of this paper are therefore not fully supported.

Signed: Jia Jinzhang and Xiao Lingyi

Date: 28th November 2024

 Retraction endorsed by Laura Fisher, Executive Editor, *RSC Advances*

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