

## RETRACTION

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## Retraction: Research on CO<sub>2</sub>/CH<sub>4</sub>/N<sub>2</sub> competitive adsorption characteristics of anthracite coal from Shanxi Sihe coal mine

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[rsc.li/rsc-advances](https://rsc.li/rsc-advances)Retraction of 'Research on CO<sub>2</sub>/CH<sub>4</sub>/N<sub>2</sub> 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

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Retraction endorsed by Laura Fisher, Executive Editor, *RSC Advances*<sup>a</sup>College of Safety Science and Engineering, Liaoning Technical University, Fuxin, Liaoning 123000, China. E-mail: xly010218@163.com<sup>b</sup>Key Laboratory of Mine Thermal Power Disaster and Prevention of Ministry of Education, Liaoning Technical University, Huludao, Liaoning 125100, China