

Academic Staff Resume

Name: Mingmin Zhang

Title: Post-Doctor

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Academic Qualification:

Ph.D. in Institute of Geology and Geophysics, Chinese Academy of Sciences

Master in Institute of Geology and Geophysics, Chinese Academy of Sciences

Bachelor in HeFei University of Technology

Teaching Area

Research Area

Mineral physics

Planetary geology

Working Experience

Research Projects

Professional Certification and Awards

Professional Society Membership

Academic Publication

Journal Articles:

- 1, Mingmin Zhang, Guang-Jun Guo*, Huiquan Tian, Zhengcai Zhang, Kai Gao, Effects of italicized angle and turning angle on shale gas nanoflows in non-straight nanopores: A nonequilibrium molecular dynamics study. *Fuel*, 2020, 278: 118275. DOI: 10.1016/j.Fuel.2020.118275.
- 2, Huiquan Tian, Guangjun Guo*, Ming Geng, Zhengcai Zhang, Mingmin Zhang, and Kai Gao. Effects of gas reservoir configuration and pore radius on shale gas nanoflow: A molecular dynamics study. *The Journal of Chemical Physics*, 2018, 148(20): 204703. DOI: 10.1063/1.5021139.
- 3, Kai Gao, Guang-Jun Guo*, Mingmin Zhang, Zhengcai Zhang and Bo Peng, Nanopore Surfaces Control the Shale Gas Adsorption via Roughness and Layer-Accumulated Adsorption Potential: A Molecular Dynamics Study. *Energy & Fuels*, 2021. DOI:10.1021/acs.energyfuels.0c04322

Books & Book Chapters:

Conference Papers: