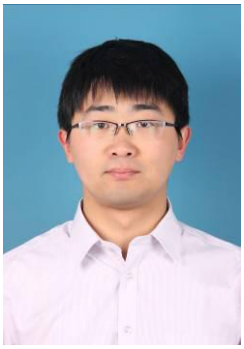
Brief CV

*此表请提供中英翻译

English Name	Jingshou Liu	中文姓名	刘敬寿	
Gender	Male	**Title** (Pro./Dr.)	Dr.	
Position （President…）	-	**Country**	China	
University/Department	School of Energy Resources, China University of Geosciences, Beijing			
Personal Web Sites				
Research Area	Stress field simulation; reservoir fracture characterization, prediction and modeling; rock mechanics; and basin structure analysis.			

Brief introduction of your research experience:

1. **Liu, J.,** Ding, W., Wang, R., et al. 2017. Simulation of paleotectonic stress fields and quantitative prediction of multi-period fractures in shale reservoirs: A case study of the Niutitang Formation in the Lower Cambrian in the Cen'gong block, South China. *Marine and Petroleum Geology*, *84*, 289-310.
2. **Liu, J.,** Ding, W., Yang, H., et al. 2017. 3D geomechanical modeling and numerical simulation of in-situ stress fields in shale reservoirs: A case study of the lower Cambrian Niutitang formation in the Cen'gong block, South China. *Tectonophysics*, *712*, 663-683.
3. **Liu, J.**, Ding, W., Wang, R., et al. (2018). Methodology for quantitative prediction of fracture sealing with a case study of the lower Cambrian Niutitang Formation in the Cen'gong block in South China. *Journal of Petroleum Science and Engineering*, 160, 565-581.
4. **Liu, J.**, Ding, W., Yang, H., et al. (2018). Quantitative prediction of fractures using the finite element method: A case study of the lower Silurian Longmaxi Formation in northern Guizhou, South China. *Journal of Asian Earth Sciences*, 154, 397-418.
5. **Liu, J.**, Ding, W., Wang, R., et al. (2018). Correlation analysis of element contents and mechanical characteristics of shale reservoirs: a case study in the Cen'gong block, south China. *Marine & Petroleum Geology*, 91, 19-28.
6. **Liu, J.,** Ding, W., Dai, J., et al., (2018). Multi-parameter quantitative prediction of fault-related fractures: A case study from the second member of the Funing Formation of the Jinhu Sag, Subei Basin. *Petroleum Science.*
7. **Liu, J**., Ding, W., Dai, J., Zhao, G., Sun, Y., & Yang, H. (2018). Unreliable determination of fractal characteristics using the capacity dimension and a new method for computing the information dimension. Chaos, Solitons & Fractals,

113, 16-24.

8. **Liu, J.**, Dai, J., Wang, K., Zou, J., Zhou, J., & Ding, Y. (2015). An approach to correct the core fracture attitude in deviated boreholes and its application. Acta Petrolei Sinica, 36(1), 67-73.
9. **Liu, J. S**., Dai, J. S., Zou, J., Yang, H. M., Wang, B. F., & Zhou, J. B. (2015). Quantitative prediction of permeability tensor of fractured reservoirs. Oil Gas. Geol., 36(6), 1022-1029.
10. **Liu, J.**, Dai, J., Ke, X., Yi, Z., & Ding, W. (2017). Method for the characterization of the evolution of tectonic fracture attitudes and its application. Journal of Jilin University, 47(1), 84-94.
11. **Liu, J**., Du, Q., & Dai, J. (2015). Information dimension features of faults and reservoir distribution in fu 2 member in jinhu sag. Special Oil & Gas Reservoirs.
12. Dai, J., **Liu, J**., Yang, H., Yi, Z., Wang, B., & Zhou, J. (2016). Numerical simulation of stress field of fu-2 member in tongcheng fault zone and development suggestions. Journal of China University of Petroleum.
13. Gu, Y., Ding, W., **Liu, J**., et al. (2017). The methane adsorption characteristics of marine shale. *Petroleum Science & Technology*, 1-7.

*******All the columns need to be filled in.**