一、个人简介：

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二、招生专业及研究方向

招生专业：地质工程

研究方向：CO_2地质封存、煤系战略金属矿产成矿与分布、深部能源高效开采。

三、代表性论文

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3. **Zhang, Xiaogang** & Ranjith, P. G. (2019). Experimental investigation of effects of CO_2 injection on enhanced methane recovery in coal seam reservoirs. *Journal of CO_2 Utilization*, 33, 394-404.
4. **Zhang, Xiaogang;** Ranjith, P. G; Ranathunga, A. S. (2019). Sub-and super-critical carbon dioxide flow variations in large high-rank coal specimen: An experimental study. *Energy*, 181, 148-161.
5. **Zhang, Xiaogang;** Ranjith, P. G; Lu, Yiyu; Ranathunga, A. S. (2019). Experimental investigation of the influence of CO_2 and water adsorption on mechanics of coal under confining pressure. *International Journal of Coal Geology*, 209, 117-129.
6. **Zhang, Xiaogang;** Ranjith, P. G; Perera, M. S. A; Haque, A; Ranathunga, A. S. (2019). The influence of CO_2 saturation time on the coal gas flow: Fractured bituminous coal. *Fuel*, 240, 153-161.