

CURRICULUM VITAE

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EDUCATION

M.S. (2019-Present)	Geochemistry	School of Earth Sciences and Engineering, Nanjing University
B.Sc. (2015-2019)	Resource Exploration and Engineering	School of Petroleum and Natural Gas Engineering, Chongqing University of Science and Technology

RESEARCH INTERESTS

Paleo-environment Reconstruction; Organic Geochemistry; Carbon Isotope Stratigraphy

LIST OF SKILLS

Soxhlet Extraction; Major and Trace Element Analyzing; XRD Analyzing; Zircon U-Pb Dating; SEM Observation.

RESEARCH EXPERIENCE

1. Paleo-Environment Evolution During End-Guadalupian in South China

(2020-Present)

Master degree research project, supervised by Prof Jian Cao.

- 1) Deciphering the origin and age of Wangpo bed (a clay bed formed at End-Guadalupian) and its implication to the eruption of Emeishan Large Igneous Province (ELIP) and End-Guadalupian Mass Extinction.
- 2) Studying the carbon isotope character, redox character, productivity character and volcanic record in Maokou Formation (a carbonate formation formed at the end of Guadalupian in South China)

2.Natural Gas Source Analysis of Permian Volcanic Rock Reservoir of Sichuan Basin (2019-2020)

Master research project supervised by Prof Jian Cao. I studied the lipid biomarker character of extracts from Permian volcanic rock natural gas reservoir and potential source rocks with GC-FID and GC-MS. My result together with other evidence from my colleagues supported the potential origin of this gas accumulation.

3.Geological Survey in South Qilian Basin, Qinghai Province (2019)

Bachelor research project, supervised by Prof Xian Feng Tan. We collected Permian-Triassic systems source rock samples from outcrops in Yangkang uplift, Xiariha depression and Halahu depression in South Qilian Basin to study its sedimentary character and source rock potential.

4.College student innovation training project of Chongqing City (2018-2019)

Bachelor research project, supervised by Prof Xian Feng Tan. We read articles in the research of Fe cycling and its isotope fractionation during early diagenesis and wrote a small article about this topic. The article was published as “Advance in study of the iron geochemical cycle during early diagenesis” (in Chinese with English abstract).

PUBLICATION

Wang Y., Tan X., Jiang C., Tang Y., Zhou H., Tan D., Wang P., (2019). Advance in study of the iron geochemical cycle during early diagenesis. Contributions to Geology and Mineral Resources Research. 34, 254-264. (in Chinese with English abstract).

AWARDS AND FELLOWSHIPS

National Scholarship (2016)

Chongqing Fellowship for Undergraduate Student Science and Technology Innovation Project
(2018-2019)