Siqi Zhao



PERSONAL INFORMATION

Gender: Female
Email: zhaosiqiyoyo@hotmail.com
Address: 238 Songling Road, Qingdao, Shandong, China 266100

EDUCATION

Marine Chemistry (Ph.D) 2021.9 - 2026.6
Marine Chemistry (Adviser: Rui Bao)
Ocean University of China (Project 985)

Visiting PhD Student
Joint PhD Training Program in OUC (Adviser: Cindy De Jonge) 2025.2 - 2025.10
Department of Earth and Planetary Sciences, ETH Zurich (No. 1 in the QS World University Rankings of the world's best universities in the subjects Earth & Marine Sciences, Geology, and Geophysics)

Judith McKenzie Fellowship (Adviser: Cindy De Jonge) 2025.10 - Current
Department of Earth and Planetary Sciences, ETH Zurich

Master of Applied Science (MASc) 2014.9 - 2017.6
Chemical Engineering (Adviser: Shuwei Xia)
Ocean University of China (Project 985)

Bachelor of Science (BSc) 2009.9 - 2013.6
Applied Chemistry
Ocean University of China (Project 985)

CAREER HISTORY

Research assistant 2017.9 - 2021.7
College of Marine Geosciences
Ocean University of China

PUBLICATIONS

Siqi Zhao et al., Temperature-dependent spatial and temporal trends in archaeal lipid distributions: Insights from molecular dynamics simulations, **Communications Earth & Environment 6**, 619 (2025).

Siqi Zhao et al., Influence of Oxygen Exposure on Lignin Preservation during Sediment Lateral Transport in the Ocean: Insights from Molecular Dynamics Simulations. **Environmental Science & Technology**, 2024, 58, 18756−18764.

Siqi Zhao et al., 3D-QSAR and electronic structure studies of anti-cancer agents m-(4-morpholinoquinazolin-2-yl) benzamide derivatives for new compounds design, **Journal of Ocean University of China**, ISSN 1672-5182, 2018 17 (3):1091-1095

Z. Yang, X. Lei, Y. Che, N. Wang, H. Ma, **Siqi Zhao**, A. Chen, H. Li, R. Bao., Interaction Between Organic Carbon Conversion and Microbial Metabolism in Marginal Seas Sediments During Hydrodynamic Sorting Processes, **JGR Oceans**, 130 (4) e2024JC021994.

RESEARCH EXPERIENCES

Scientific expedition

2022, participated in NORC-582 cruise (R/V Dongfanghong3), equipment of ROV, 34days

Scientific conferences

2021 8th Bio-Organic Geochemistry Conference, Xiamen, China, poster

2022 GOLDSCHMIDT 2022 Goldschmidt Conference, online, flash talk

2023 9th Bio-Organic Geochemistry Conference, Shenzhen, China, poster

2023 7th Conference on Earth System Science, Shanghai, China, poster

2024 10th Bio-Organic Geochemistry Conference, Qingdao, China, poster

2024 ICGOA 2024, Shenzhen, China, oral talk

2025 EGU General Assembly, poster presentation

2025 GOLDSCHMIDT 2025 Goldschmidt Conference, Prague, Czech Republic, oral talk

HONORS AND AWARDS

2nd ranking scholarship, Ocean University of China	2015 - 2016
Excellent Student Cadre, Ocean University of China	2015 - 2016
1st ranking scholarship, Ocean University of China	2014 - 2015
Outstanding Young Volunteer, Ocean University of China	2014 - 2015
Outstanding Graduate Scholarship, Ocean University of China	2014
Outstanding Graduates, Ocean University of China	2013
Sport Scholarship, Ocean University of China	2010 - 2011
Excellent Student Cadre, Ocean University of China	2010 – 2011
Champion of the University gymnastic competition	2010

PROFESSIONAL SKILLS

Professional Instruments

ICP-MS, GC-MS, XRF, HPLC-MS, HPLC, UVs, automatic chemical analyzer, AAS, AFS

Professional Software

GROMACS, VMD, Packmol, Sybyl-2.1, Gaussian 09w, Gaussian View, Materials studios, R, MATLAB