

Shilong Su

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EDUCATION

- **The Chinese University of Hong Kong (CUHK)** Shatin, New Territories, Hong Kong, China
PhD Candidate in Chemistry August 2022 - Present
- **Beijing Normal University (BNU)** Beijing, China
Bachelor of Science in Chemistry September 2018 - June 2022
- **Beijing Normal University** Beijing, China
Liyun College: Class of Chemistry September 2019 - June 2022
- **Beijing Normal University** Beijing, China
Minor: Bachelor of Art in Chinese Language and Literature; September 2019 - June 2022

RESEARCH EXPERIENCE

- **Department of Chemistry, CUHK** Graduate Research Assistant
Advisor: Prof. Qian Miao Aug 2022 - Present
 - **Polycyclic Aromatics for Organic Electronics:**
Synthesis, properties and device application of novel π -conjugated organic semiconductors
- **College of Chinese Language and Literature, BNU** Undergraduate Thesis Project
Advisor: Dr. Yiyun Wu Dec 2021 - May 2022
 - 庾信赋《左传》用典研究 (Research on Yu Xin's Allusion of *Zuo Zhuan* in its Fu):
- **College of Chemistry, BNU** Undergraduate Thesis Project
Advisor: Prof. Zhong-Lin Lu Oct 2021 - Jun 2022
 - **Template Directed Synthesis of Phenylacetylene Macrocycles:**
Attempts on the Synthesis of Phenylacetylene Macrocycles under the assistant of covalently linking template. Multiple Step Organic Synthesis
- **College of Chemistry, BNU** Undergraduate Researcher
Advisor: Prof. Louzhen Fan Apr 2019 - May 2021
 - **Purification of Carbon Quantum Dots synthesized from Citric Acid:**
 - **Trials on Synthesis of Carbon Dots with fluorescence-phosphorescence dual emission:**
 - **Trials on the Synthesis of narrow-bandwidth emissive fluorescent Carbon Dots:**

PUBLICATIONS

2. Ka Man Cheung, Yongming Xiong, Sai Ho Pun, Xingjian Zhuo, Qi Gong, Xingwei Zeng, **Shilong Su**, Qian Miao, Negatively curved molecular nanocarbons containing multiple heptagons are enabled by the Scholl reactions of macrocyclic precursors, *Chem*, **2023**, <https://doi.org/10.1016/j.chempr.2023.05.028>.
1. Cheng-Yan Wu, **Shilong Su**, Xi Zhang, Rui Liu, Bing Gong, and Zhong- Lin Lu. Covalently Linked Hexakis(m-Phenylene Ethynylene) Macrocycles as Molecular Nanotubes. *Angewandte Chemie International Edition*, **2023**, 62, e202303242.

TEACHING

- **Department of Chemistry, CUHK**
Graduate Teaching Assistant Sep 2022 - Present
 - **CHEM 1280B (CHEM 1280B Introduction to Organic Chemistry and Biomolecules):**
Lecturer: Dr. Cat Chui-Man Lo
Jan 2024- Apr 2024, Jan 2023- Apr 2023

- **CHEM 2860 (Integrated Chemistry Laboratory I (Organic Chemistry)) & CHEM 2862 (Fundamental Organic Chemistry Laboratory) :**

Lecturer: Dr. Kendrew Kin Wah Mak

Sep 2023 - Nov 2023, Sep 2022- Nov 2022

- **College of Chemistry, BNU**

Undergraduate Teaching Assistant

Sep 2020 - Jan 2021

- **Organic Chemistry IA (bilingual) 2020 Fall Semester:**

Lecturer: Prof. Zhong-Lin Lu

HONORS & AWARDS

PhD Study

CUHK Vice-Chancellor's PhD Scholarship

Feb 2022

Undergraduate Study

Outstanding Graduates of BNU

Jun 2022

Yuanzigaoke Scholarship-Excellent Undergraduate Award

Dec 2021

15th (2021)Liyun Scholarship-Excellent Undergraduate award-First Prize(6/all BNU undergraduates)

Dec 2021

Jingshi Scholarship-First Class

2019,2020,2021

Competition Scholarship-First (twice) and Second Class(Once)

2019,2020,2021

National Scholarship

2019,2020

EXTRACURRICULAR ACTIVITIES

- **BNUChem-ugjc(Undergraduate Journal Club, BNU Chemistry)**

Jul 2021 - present

Founder & Organizer: Activity reports, paper-sharing,invited review, etc.

<https://bnuchem-ugjc.github.io>