

# Yu-chao Guo

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Address: No. 2699, Qianjin Street, Changchun City, Jilin Province

## Education

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Aug. 2023 – Now

**M.S.** in Chemistry, emphasis in Polymer chemistry and physics  
*Jilin University*

- **Thesis Title:** Visualizing Stress Transfer in Polymer Networks via Mechanophore Activation”
- **Advisor:** Prof. Wenke Zhang (The National Science Fund for Distinguished Young Scholars)

Aug. 2019 - Jun. 2023

**B.S.** in Chemistry, emphasis in Organic chemistry  
*Northeast Agricultural University*

## Research experience

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Aug. 2023 – Now

**M.S. Candidate** *Jilin University*

**Objective:** Visualizing Stress Transfer in Polymer Networks via Mechanophore Activation” manuscript in preparation  
**Advisor:** Prof. Wenke Zhang

Aug. 2019 - Jun. 2023

**B.S.** in Chemistry, *Northeast Agricultural University*  
**Objective:**  
**Advisor:** Prof. Yingjiao Li

## Publications

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2. Yu-chao Guo, Ziwen Ma, Wenke Zhang<sup>†</sup>. “Visualizing Stress Transfer in Polymer Networks via Mechanophore Activation” manuscript in preparation.
1. Ma, Zhao-Yu, Lu, Wan, Guo, Yu-Chao and Li, Ying-Jiao<sup>†</sup>. "Crystal structure of 2,2-dichloro-1-(4-chloro-1H-indol-1-yl)ethan-1-one, C<sub>10</sub>H<sub>6</sub>Cl<sub>3</sub>NO" Zeitschrift für Kristallographie - New Crystal Structures, 237, 4, 2022, 593-594. <https://doi.org/10.1515/ncrs-2022-0117>

## Academic Activities

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- 2023 National Postgraduate Summer Workshop on “Supramolecular Chemistry and Self-Assembly”, *Jilin University*.  
**Lecturers:** Academicians Xi Zhang, Mei-Xiang Wang, Li-Feng Chi, Zhong-Qun Tian, He Tian, Li-Zhu Wu; Professors Xin Xu (*Fudan University*), Xiao-Dong Chen (*Nanyang Tech University*)

## Honors and Awards

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- 2024 Postgraduate Academic Scholarship, *Jilin University*.

## Skills and Interests

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