



## Yuewei Ling

- Ph.D. Student in Management Science and Engineering, admitted Autumn 2023
- Masters Student in Epidemiology and Clinical Research, admitted Autumn 2025
- Stanford Student Employee, Pediatrics - Adolescent Medicine

### Bio

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#### EDUCATION AND CERTIFICATIONS

- Bachelor of Engineering, Sichuan University , Industrial Engineering (2023)

#### LINKS

- LinkedIn: <https://www.linkedin.com/in/yuewei-ling/>

### Publications

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#### PUBLICATIONS

- **Associations of urban heat island and its metabolomic profiles with all-cause and cause-specific mortality in middle-aged and older adults.** *Ecotoxicology and environmental safety*  
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- **MSTI-GNN: A multi-scale spatiotemporal interactive graph neural network method for precise hydropower unit status prediction** *RENEWABLE ENERGY*  
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- **Leveraging plasma concentrations to optimize extracorporeal treatment in acute diquat poisoning: a multi-center retrospective cohort study.** *Clinical toxicology (Philadelphia, Pa.)*  
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- **Burden of 375 diseases and injuries, risk-attributable burden of 88 risk factors, and healthy life expectancy in 204 countries and territories, including 660 subnational locations, 1990-2023: a systematic analysis for the Global Burden of Disease Study 2023** *LANCET*  
Hay, S. I., Ong, K., Santomauro, D. F., Bhoomadevi, A., Aalipour, M., Aalruz, H., Ababneh, H. S., Abaraogu, U. O., Abate, B., Abbafati, C., Abbas, N., Abbasifard, M., Abbasi-Kangevari, et al  
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- **Severity Indices of Diquat Poisoning for Triage and Prognosis in Acute Diquat Poisoning: A Multicenter Prospective Cohort Study.** *Annals of emergency medicine*  
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- **Influence of the Enterovirus 71 Vaccine and the COVID-19 Pandemic on Hand, Foot, and Mouth Disease in China Based on Counterfactual Models: Observational Study.** *JMIR public health and surveillance*  
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- **Impact of an enhanced recovery after surgery program integrating cardiopulmonary rehabilitation on post-operative prognosis of patients treated with CABG: protocol of the ERAS-CaRe randomized controlled trial.** *BMC pulmonary medicine*

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- **Optimized air quality management based on air quality index prediction and air pollutants identification in representative cities in China.** *Scientific reports*

Guo, Z., Jing, X., Ling, Y., Yang, Y., Jing, N., Yuan, R., Liu, Y.  
2024; 14 (1): 17923

- **Trajectories of cognitive function among people aged 45 years and older living with diabetes in China: Results from a nationally representative longitudinal study (2011~2018).** *PloS one*

Chen, S., Ling, Y., Zhou, F., Qiao, X., Reinhardt, J. D.  
2024; 19 (5): e0299316

- **Portfolio Optimization Model for Gold and Bitcoin Based on Weighted Unidirectional Dual-Layer LSTM Model and SMA-Slope Strategy** *COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE*

Xue, Q., Ling, Y., Tian, B.  
2022; 2022: 1869897