

CV Form

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個人簡歷 (No more than an A4 size paper)

Education/Training:

- ❖ 國立成功大學環境醫學研究所博士（2016 年 9 月-2022 年 6 月）
- ❖ 國立成功大學生理學研究所碩士（2013 年 9 月-2016 年 6 月）
- ❖ 國立嘉義大學動物科學學系、生化科技學系學士（2008 年 9 月-2013 年 6 月）

Professional and Research Experience:

- ❖ 高雄醫學大學醫學系生理學科助理教授（2025 年 8 月—迄今）
- ❖ 國立成功大學環境醫學研究所博士後研究員（2022 年 11 月—2025 年 7 月）

Awards and Honors:

- ❖ Grand Review 博士生暨博士後研究學術競賽博士生傑出獎 2022
- ❖ 醫學院研究日博士生論文競賽 - 優選論文 2021
- ❖ 台灣毒物學學會第一屆墾丁冬令營口說論文競賽第一名 2019

Selected Publications:

1. Yen-Ling Lee†, **Zi-Yu Chen†**, Tzu-Ning Li, Jian-Feng Hsueh, Ying-Jan Wang* (2023, Nov). A novel integrated testing strategy (ITS) for evaluating acute fish toxicity with new approach methodologies (NAMs). *Environment International*, 193:109112. (SCI), JCR=2024, I.F.= 9.7, Ranking= 25/374, (6.7%). (Co-first author)
2. **Zi-Yu Chen†**, Yi-Chun Yang, Bour-Jr Wang†, Fong-Yu Cheng, Yen-Ling Lee, Yu-Hsuan Lee*, Ying-Jan Wang* (2022, Sep). Comparing different surface modifications of zinc oxide nanoparticles in the developmental toxicity of zebrafish embryos and larvae. *Ecotoxicology and Environmental Safety*, 243:113967. (SCI), JCR=2024, I.F.= 6.1, Ranking = 10/106, (9.4%). (Co-first author)
3. **Zi-Yu Chen†**, Yu-Chen Su, Fong-Yu Cheng, Shian-Jang Yan*, Ying-Jan Wang* (2021, Oct). Lifetime bioaccumulation of silver nanoparticles accelerates functional aging by inactivating antioxidant pathways, an effect reversed by pterostilbene. *Environmental Science: Nano*, 8:3774-3791. (SCI), JCR=2024, I.F.= 5.1, Ranking = 90/374, (24.06%). (First author)
4. Yen-Ling Lee†, Yung-Sheng Shih, **Zi-Yu Chen†**, Fong-Yu Cheng, Jing-Yu Lu, Yuan-Hua Wu*, Ying-Jan Wang* (2021, Feb). Toxic Effects and Mechanisms of Silver and Zinc Oxide Nanoparticles on Zebrafish Embryos in Aquatic Ecosystems. *Nanomaterials (Basel)*, 12(4):717. (SCI), JCR=2024, I.F.= 4.3, Ranking = 81/239 (33.9%). (Co-first author)
5. **Zi-Yu Chen†**, Nian-Jhen Li, Fong-Yu Cheng, Jian-Feng Hsueh, Chiao-Ching Huang, Fu-Li Lu, Tzu-Fun Fu, Shian-Jang Yan†, Yu-Hsuan Lee*, Ying-Jan Wang* (2020, Apr). The Effect of the Chorion on Size-Dependent Acute Toxicity and Underlying Mechanisms of Amine-Modified Silver Nanoparticles in Zebrafish Embryos. *International Journal of Molecular Sciences*, 21(8):2864. (SCI), JCR = 2024, I.F.= 4.9, 72/319, (22.57%). (Co-first author)