



Truong-Giang Vo

Lecturer

Ho Chi Minh University of Technology, Vietnam National
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Education:

2015~2019, Ph.D., Chemical Engineering, National Taiwan University of Science and Technology, Taiwan

Experience:

Lecturer, Can Tho University of Technology, Vietnam (2014-2017)

Postdoctoral researcher, National Taiwan University of Science and Technology (2019-2021)

Postdoctoral researcher, National Yang Ming Chiao Tung University (2021-2023)

Scientist, Institute of Sustainability for Chemicals, Energy and Environment (ISCE2), Agency for Science, Technology and Research (A*STAR) (2023-2025)

Lecturer, Ho Chi Minh University of Technology, Vietnam National University Ho Chi Minh, Vietnam (2025-present)

Honors & Awards:

2024 Golden Globe Award, Central Youth Union and Ministry of Science and Technology, Vietnam

Research Areas:

1. Green hydrogen (H_2) production from water/seawater
2. Sustainable chemical production from industrial by-products, waste, or biomass
3. Resource recovery, CO_2 capture, and mineralization from waste streams
4. Future energy carriers (ammonia, urea) production from NO_x -containing wastes

Selected Publications:

1. Ng, Y, Vo, T.G.*, Liu, Y.*, *Advanced Functional Materials*, 2025, e19263
2. Vo, T.G., Ng, Y. T., Pitchai, T., Venkatramanan, R., Shiong, C.S., Gao, J.*, Liu, Y.*, *Advanced Functional Materials*, 2024, 2415454
3. Vo, T.G., Pitchai, T., Ng, Y. T., Goh, W., Venkatramanan, R., Bu, J, Gao, J. J.*, Liu, Y.*, *Applied Catalysis B: Environmental and Energy*, 2024, 357, 124321.
4. Vo, T.G.; Gao, J.; Liu, Y., *Advanced Functional Materials*, 2024, 34, 2314282
5. Kuo, H.H.; Vo, T.G.*; Hsu, Y.J., *Journal of Photochemistry & Photobiology, C: Photochemistry Reviews*, 2024, 58, 100649
6. Vo, T.G., Tran, G.S., Chiang, C.L., Lin, Y.G., Chang, H.E., Kuo, H.H., Chiang, C.Y. and Hsu, Y.L., *Advanced Functional Materials*, 2022, 33, 2209386
7. Vo, T.G.; Kao, C.C.; Kuo, J.L.; Chiu, C.C.; Chiang, C.Y., *Applied Catalysis B: Environmental*, 2020, 278, 119303