

FUKUSHIMA Yasuhiro

Position/Department/Division/Institution/Organization

Department of Frontier Science for Advanced Environment

Country

Japan

Career history

2002.4 Research Associate

The University of Tokyo, Japan

2002.6 Ph.D.

Graduate School of Engineering, The University of Tokyo, Japan

2004.8 Assistant Professor

Department of Environmental Engineering, National Cheng Kung University, Taiwan

2010.2 Associate Professor

Department of Environmental Engineering, National Cheng Kung University, Taiwan

2014.8 Associate Professor

Department of Chemical Engineering, Tohoku University, Japan

2020.3 Professor, Tohoku University,

Department of Chemical Engineering, Japan

2022.4 Professor, Tohoku University

Department of Frontier Science for Advanced Environment

Awards/Publications

- **Fukushima Yasuhiro**, Distinguished Achievements and Contributions Award (Ko-seki Syo), Institute of Life Cycle Assessment, Japan, March 2022
- Yagihara, K., Ohno H., Guzman-Urbina A., Ni J., **Fukushima Y.** Analyzing flue gas properties emitted from power and industrial sectors toward heat-integrated carbon capture, *Energy*, Vol. 250, 2022, Article No. 123775
- Ohno H., Ikhlal M., Tamura M., Nakao K., Suzuki K., Morita K., Kato Y., Tomishige K., **Fukushima Y.** Direct dimethyl carbonate synthesis from CO₂ and methanol catalyzed by CeO₂ and assisted by 2-cyanopyridine: A cradle-to-gate greenhouse gas emission study, *Green Chemistry*, Vol. 23(1), pp. 457-469, 2021

Areas of expertise

Process Systems Engineering (Chemical and Environmental), Technoeconomic and Environmental Assessment, Industrial Ecology