

## Yuan-Peng Du



Doctor of Chemistry

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### Education:

Ph.D. (2016/3~2020/6) Department of Chemistry and Chemical Engineering, EPFL, Switzerland

M.E. (2013/9~2015/6) Department of Chemistry, National Taiwan University, Taiwan

B.S. (2009/9~2013/6) Department of Chemistry, National Tsing Hua University, Taiwan

### Experience:

(2023/8-present) Assistant Professor, Department of Chemistry, National Central University, Taiwan

(2022/4-2023/7) Postdoctoral Researcher, Institute of Chemistry, Academia Sinica, Taiwan

### Selected Honors & Awards:

2015- Dean's Award from National Taiwan University

### Research Areas:

Heterogeneous Catalysis

Material Chemistry

Surface Chemistry

### Selected Publications:

1. Y.-P. Du, A. Bahmanpour, L. Milosevic, F. Héroguel, O. Kröcher, J. S. Luterbacher\*, Engineering the Pd-ZrO<sub>2</sub> interface for selective CO<sub>2</sub> hydrogenation by overcoating atomically dispersed pre-catalyst. *ACS Catalysis*, **2020**, 10 (20), 12058-12070.
2. Y.-P. Du, F. Héroguel, X. T. Nguyen, J. S. Luterbacher\*, Post-synthesis deposition of mesoporous niobic acid with improved thermal stability by kinetically controlled sol-gel overcoating. *Journal of Materials Chemistry A*, **2019**, 7, 23803-2381.