

Ching-Shiun Chen



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Education:

1991-1996 Department of Chemistry, National Sun Yat-sen University, Ph.D.

1989-1991 Department of Chemistry, National Sun Yat-sen University, M. Sc.

1985-1989 Department of Chemistry, Tunghai University, B. Sc.

Experience:

2020-present Dean of Office of Technology Development and Industry Liaison

2019-2020 Executive Secretary for Office of Technology Development and Industry Liaison

2011-2019 Director of Center for Industry Sponsored Research and Collaborations

2011-present Center for General Education, Chang Gung University, Professor

2006-2011 Center for General Education, Chang Gung University, Associate Professor

2003-2006 Center for General Education, Chang Gung University, Assistant Professor

Research Areas:

Chemical conversion of carbon dioxide

Catalysis of single atom and subnanosized metal particle

Development of catalysts for removal of volatile organic compounds

Membership and Academic Activities:

The 3rd and 4th council member of Catalysis Society of Taiwan

The 1st council member of Taiwan Nanomedicine Society

Selected Publications:

1. C.S. Chen*, T.C. Chen, K. L. Chiu, H.C. Wu, C. W. Pao, C. L. Chen^c, H. C. Hsu, H. M Kao*" Silver particles deposited onto magnetic carbon nanofibers as highly active catalysts for 4-nitrophenol reduction" Appl. Catal. B 2022, 315, 121596
2. C.S. Chen*, T.C. Chen, J.H. Wu, H.C. Wu, C. M. Yang, T.C. Yang, C.W. Pao " Enhancing methane formation in carbon dioxide hydrogenation on nickel clusters with zirconium additives: Exploring active sites, reaction pathways, and catalytic mechanisms" Chem. Eng. J. 2024, 489, 151198

3. C.S. Chen^{*}, T.C. Chen, H.C. Wu, J.H. Wu, C.W. Pao "Effect of sodium promoters on Ni/Al₂O₃ catalyst for CO₂ hydrogenation: The carbon fixation as carbon nanofiber and reverse-water gas reactions" Chem. Eng. J. 2023, 478, 147373