



Yen-Chou Chen

Engineer

New Materials Research & Development, China Steel Corporation(CSC)

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Education:

PhD (2016/4~2019/9) Biomedical and Pharmaceutical Science, Graduate School of Life Science, Hokkaido University, Japan.

M.S. (2012/9~2014/6) Graduate Institute of Organic and Polymeric Materials, National Taipei University of Technology, Taiwan.

B.S. (2008/9~2012/6) Molecular Science and Engineering, National Taipei University of Technology, Taiwan.

Experience:

Product Research Specialist. (2020/1~2022/2) Tainan Spinning Co., Ltd., Taiwan.

Selective Honors & Awards:

1. (2025) Honorable Mention, Mining & Metallurgy Paper Award, *Development of Reduced Iron Powder Feedstock Technology for Metal Injection Molding (MIM)*, Chinese Institute of Mining and Metallurgical Engineers (CIME).
2. (2024) Innovation Award, *Fine Reduced Iron Powder (FRIP) for Metal Injection Molding (MIM)* Powders and Powder Metallurgy Association of the Republic of China(TPMA).

Research Areas:

Polymer Processing/Powder Injection Molding/Catalyst Synthesis

Selective Publications:

1. Chen, Y.-C., Huang, H.-S., & Wu, K.-Y. (2025). Composition for metal injection molding (Taiwan Patent No. I893816). Taiwan Intellectual Property Office.
2. Chen, W.-Y., He, Y.-Y., Chen, C.-H., Wu, Z.-H., Wu, J.-Y., & Chen, Y.-C. (2022). Carbon nanodots fluorescent polymer, a method for preparing the same, and carbon nanodots fluorescent fibers (Taiwan Patent No. I752859). Taiwan Intellectual Property Office.