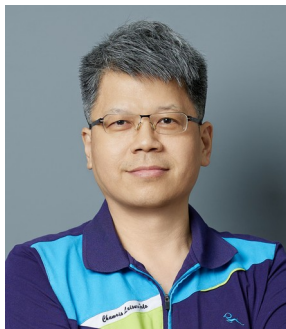


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Education:

Ph.D. (1992/8~1995/6) Department of Chemical Engineering, National Cheng Kung University, Taiwan

M.E. (1991/8~1992/7) Department of Chemical Engineering, National Cheng Kung University, Taiwan

B.S. (1987/10~1991/6) Department of Chemical Engineering, National Cheng Kung University, Taiwan

Experience:

(2014/8-now) Chair Professor, Department of Chemical Engineering, NTHU, Taiwan

(2011/8-2014/7) Distinguished Professor, Department of Chemical Engineering, NTHU, Taiwan

(2007/8-2011/7) Full Professor, Department of Chemical Engineering, NTHU, Taiwan

(2015/5-2023/2) Honorary Visiting Professor, University of Liverpool, UK

(2003/8-2007/7) Full Professor, Department of Chemical Engineering, National Chung Cheng U, Taiwan

(2000/8-2003/7) Associate Professor, Department of Chemical Engineering, National Chung Cheng U, Taiwan

(1997/8-2000/7) Assistant Professor, Department of Chemical Engineering, National Chung Cheng U, Taiwan

Selective Honors & Awards:

2024- Fellow of the Royal Society of Chemistry, UK.

2024- Fellow of the Taiwan Institute of Chemical Engineers, Taiwan.

2007, 2010, 2013- Outstanding Research Award of the National Science Council, Taiwan.

2007- Tajima Prize, International Society of Electrochemistry, Switzerland.

2006- Thomson Scientific Citation Laureate Award 2006.

Research Areas:

Electrochemical Energy Storage Devices (supercapacitors & batteries)

Electrochemical Separation/Recovery/Water Purification Technologies

Microstructure Control of Electrodeposited Metals/Alloys

Nano-Carbon Materials Development & Applications

Selective Publications:

1. "Fast Discharging Stabilizes Electrochemical Interfaces: Achieving Close-to-Unity Reversibility in "Dendrite-Forming" Battery Electrodes", *J. Am. Chem. Soc.*, (2026) in press.
2. "Novolac-Derived Hard Carbon Negative Electrodes for Lithium-Ion Batteries: Closed Pore Engineering via Cross-linking Density of Precursors", *Adv. Func. Mater.*, (2026) e07847.
3. "Design and tailor the nanotubular arrayed architecture of hydrous RuO₂ for supercapacitors of next generation", *Nano Letters*, 6 (2006) 2690-2695.
4. "A highly efficient faradaic desalination system utilizing MnO₂ and polypyrrole-coated titanium

electrodes”, *Desalination*, 498 (2021) 114807.