

Jiun-Tai Chen (陳俊太)

Contact details:

Department of Applied Chemistry
National Yang Ming Chiao Tung University (NYCU)
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Education/Career:

2021-present Associate Dean, College of Science, National Yang Ming Chiao Tung University
2021-present Director, Degree Program of Science, National Yang Ming Chiao Tung University
2021-present Distinguished Professor, National Yang Ming Chiao Tung University
2021-present Distinguished Professor, National Yang Ming Chiao Tung University
2022-present National Representative, IUPAC Polymer Division
2021-2021 Associate Dean of Academic Affairs, National Yang Ming Chiao Tung University
2017-2020 Associate Dean of Student Affairs, National Yang Ming Chiao Tung University
2016-2021 Professor, National Chiao Tung University
2013-2016 Associate Professor, National Chiao Tung University
2010-2013 Assistant Professor, National Chiao Tung University
2008-2010 Postdoctoral Fellow, The University of Texas at Austin (Advisor: Prof. Paul F. Barbara)
2003-2008 Ph.D., University of Massachusetts Amherst (Advisor: Prof. Thomas P. Russell)
1999-2001 M. S., National Chiao Tung University (Advisor: Prof. Chain-Shu Hsu)
1995-1999 B. S., National Chiao Tung University

Research Interests

Polymer Physics, Polymer Chemistry, Polymer Nanostructures, Electrospinning.

Award and Honors

2023 Outstanding Research Award, National Science and Technology Council
2022 National Innovation and Advancement Award
2021 Future Tech Award, Ministry of Science and Technology
2021 National Innovation Award
2021 Y. Z. Hsu Science Paper Award
2020 Senior Fellow of the Higher Education Academy
2020 Outstanding Polymer Research Award, The Polymer Society, Taipei
2017 Research Distinguished Professor Award, LCY Education Foundation
2016 Outstanding College Teaching Award, Association of Science Education in Taiwan
2016 Ta-You Wu Memorial Award, Ministry of Science and Technology
2014 DuPont Young Professor Award

Representative Publications

1. B. Gautam, M.R. Huang, S.A. Ali, A.L. Yan, H.h. Yu,* and **J.T. Chen,*** *ACS Appl. Mater. Interfaces*, 14, 40322 (2022).
2. Y.L. Lin, S.Y. Tsai, H.C. He, L.R. Lee, J.H. Ho, C.L. Wang, and **J.T. Chen,*** *Macromolecules*, 54, 2001 (2021).

3. K.T. Lin, Y.J. Chen, M.R. Huang, V.K. Karapala, J.H. Ho, and **J.T. Chen**,* *Nano Lett.*, 20, 5853 (2020)