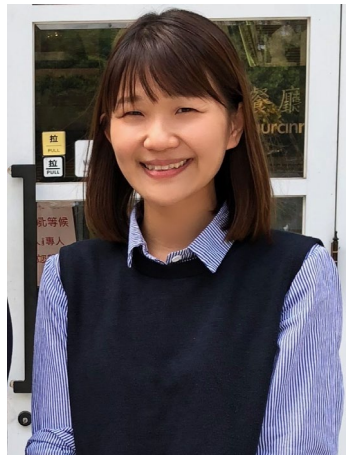


中英文個人簡介



林姿瑩博士於 2017 年取得國立清華大學材料科學工程學系博士學位，並於 2020 年 8 月加入國立清華大學材料科學工程學系擔任專任助理教授。林教授的研究專長為能源材料與薄膜元件，主要致力於太空應用科技、應用回收材料與節能改質技術於儲能元件，以及整合太陽能提升太陽能光電轉換效率。林教授在學術研究方面表現卓越，入職後已發表 10 篇期刊論文，其中 7 篇為通訊作者，並有 3 則國際合作成果。她的研究成果發表於多個頂尖期刊，包括 *Nature Energy*、*Applied Surface Science*、*Journal of Materials Chemistry A* 和 *ACS Applied Materials & Interfaces* 等。其中，*Journal of Materials Chemistry A* 的研究獲選為期刊封面，而 *Nature Energy* 的研究則受到多家國際媒體的報導。林教授積極參與學術服務工作，多次協助籌辦國際會議，包括中國材料科學學會國際會議暨年會(MRSTIC)和國際鍍膜科技研討會(TACT)。在校內，她擔任了材料系 50 周年系刊總編輯，並積極參與系上的招生及輔導事務。她對學生輔導工作尤為重視，曾獲系上提名為工學院傑出導師候選人。林教授的研究成果獲得多項肯定，包括 2020 年獲得科技部年輕學者養成計畫之愛因斯坦學者，以及 2024 年獲得清華大學工學院新進人員研究獎暨校新進人員研究獎。她指導的學生在多項研究論文相關競賽中斬獲佳績，也充分肯定她在培養人才方面的卓越能力。

Dr. Tzu-Ying Lin obtained her Ph.D. in Materials Science and Engineering from National Tsing Hua University in 2017 and joined the Department of Materials Science and Engineering at National Tsing Hua University as a full-time Assistant Prof. in August 2020. Prof. Lin specializes in energy materials and thin-film devices, focusing primarily on space application technologies, the application of recycled materials and energy-saving modification techniques for energy storage devices, and the integration of solar energy to enhance photovoltaic conversion efficiency. Prof. Lin has demonstrated exceptional performance in academic research. Since joining the faculty, she has published 10 journal papers, serving as the corresponding author

for 7 of them, and has produced 3 international collaborative works. Her research findings have been published in several top-tier journals, including *Nature Energy*, *Applied Surface Science*, *Journal of Materials Chemistry A*, and *ACS Applied Materials & Interfaces*. Notably, her research in the *Journal of Materials Chemistry A* was selected for the journal cover, while her work in *Nature Energy* garnered attention from multiple international media outlets. In terms of teaching, Prof. Lin is dedicated to incorporating innovative teaching methods into her courses. Her classes have been repeatedly rated by graduating students as among the five most useful courses. In the 2022-2023 academic year, she was awarded 8 points in the National Tsing Hua University Teaching Incentive Program and successfully secured a Teaching Practice Research Project from the Ministry of Education, showcasing her excellence in teaching innovation and research. Prof. Lin actively participates in academic service work, frequently assisting in organizing international conferences, including the Materials Research Society Taiwan International Conference (MRSTIC) and the International Thin Films Conference (TACT). Within the university, she served as the chief editor for the 50th-anniversary magazine of the Materials Science and Engineering Department and actively engages in departmental recruitment and counseling affairs. She places particular emphasis on student counseling and was nominated by the department as a candidate for the Outstanding Mentor Award of the College of Engineering. Prof. Lin's research achievements have received multiple recognitions, including being selected for the Ministry of Science and Technology's Einstein Program for Young Scholars in 2020 and receiving the New Faculty Research Award from both the College of Engineering and National Tsing Hua University in 2024. The students under her guidance have won numerous accolades in research paper competitions, fully demonstrating her exceptional ability in nurturing talent.