



Dr. Karthik Kannan is a Project Assistant Researcher in the AIM-HI, Department of Mechanical Engineering at **National Chung Cheng University, Taiwan**. He is a recipient of the Taiwan Employment Gold Card (Science and Technology), awarded by the National Science and Technology Council (NSTC), Taiwan, and the prestigious **Brain Pool Fellowship (Invited Scientist)** from the National Research Foundation of Korea. His international research experience includes appointments in **Israel, Australia, Qatar, South Korea, and Taiwan**.

Dr. Karthik Kannan recently secured NTD 1.15 million in competitive research funding from the National Science and Technology Council (NSTC), Taiwan, for his research on green hydrogen production through advanced electrocatalysis. He has authored more than **200** peer-reviewed publications, which have received over **10,000** citations (**Google Scholar h-index: 65**). He serves on the editorial boards of several international journals, including **PLOS ONE, Frontiers in Energy Research, Hydrogen, Advanced Manufacturing: Polymer & Composites Sciences, Energy Engineering, Progress in Physics of Metals, Current Nanoscience, Current Materials Science, and ChemEngineering**. In addition, he has edited one Royal Society of Chemistry (RSC) book, one CRC Press (Taylor & Francis) book, and three IGI Global books focusing on sustainable energy, electrochemical materials, and advanced technologies.

In recognition of his outstanding contributions to scholarly publishing, **Dr. Karthik Kannan** was named among the **MDPI Top 1000 Reviewers for 2025**, selected from a global community of more than 210,000 reviewers for his excellence and consistency in peer review. He has also been recognized among **Stanford University's World's Top 2% Scientists** for **seven consecutive years (2020-2026)** and is currently ranked **23,163** globally.

Google scholar link: <https://scholar.google.co.in/citations?user=hU-0UQsAAAAJ&hl=en>

Contact details:

E-mail: karthikk@ccu.edu.tw

Tel: +886-5-272-0411#23339