

## 國立清華大學第 21 屆新進人員研究獎得獎人簡介

林宗宏博士於 2009 年 6 月獲得臺灣大學化學研究所博士學位。服役一年後，回到台大擔任博士後研究，於 2012 年 4 月至美國喬治亞理工學院繼續從事博士後研究。2014 年 8 月回臺，加入生物醫學工程研究所擔任助理教授，並於 2017 年 8 月升等為副教授，2018 年 8 月合聘至動力機械工程學系。研究團隊專長為新型/可攜式自供電感測器及微小化/可穿戴電化學分析元件的開發與應用。學術生涯至今已在國際學術期刊發表論文達 80 篇，學術生涯論文總引用次數是 5867，h-index 為 40。相關研究成果也已申請美國、臺灣、大陸專利，並於日前獲選科技部重點研究成果，並招開記者會，共獲公視及其他多家新聞媒體報導。目前定期擔任 Nature Communications、Science Advances、Advanced Materials、Advanced Functional Materials、Advanced Energy Materials、ACS Nano、Nano Energy、Materials Horizons 及其他知名期刊審稿人。在國際會議部分，固定幫忙籌辦美國電化學學會 ECS Meeting。在獲獎部分，除剛加入清華大學所獲得的科技部補助大專校院延攬特殊優秀人才措施獎勵及清華大學激勵優秀新聘助理教授獎勵（2014/08-2017/07），在接下來幾年也陸續獲得 2015 the 5th Asian Biomaterials Congress (ABMC5) Young Investigator Award、2016 臺灣化學感測器科技協會傑出青年論文獎、清華大學延攬及留住特殊優秀人才彈性薪資暨獎勵補助（2017/08-2019/07）及 2018 清華大學工學院及校新進人員研究獎。另外，林宗宏博士也努力在教學上做出貢獻，其已連獲 104、105、106、107 學年度清華大學教學獎勵；且實驗室指導之研究生也屢獲國際會議之優秀獎項。

Dr. Zong-Hong Lin received his Ph.D. from the Institute of Chemistry, National Taiwan University in June 2009. After serving in the army for one year, he returned to NTU as a postdoctoral researcher and continued his postdoctoral research at the Georgia Institute of Technology in April 2012. In August 2014, he returned to Taiwan and joined the Institute of Biomedical Engineering as an assistant professor. In August 2017, he was promoted to associate professor. In August 2018, he started the joint-appointment in Department of Power Mechanical Engineering. His research team specializes in the development and application of novel/portable self-powered sensors and miniaturized/wearable electrochemical analysis components. His academic career has so far published 80 papers in international academic journals. The total number of citations in academic career papers is around 6000 and the h-index is 40. Relevant research results have also applied for patents in the United States, Taiwan, and China. Recently, they were selected as key research results of the Ministry of Science and Technology. They were publicly reported by the PTS and many other news media. He is currently a regular reviewer for Nature

Communications, Science Advances, Advanced Materials, Advanced Functional Materials, Advanced Energy Materials, ACS Nano, Nano Energy, Materials Horizons and other leading journals. In the international conference section, he annually organizes the ECS Spring Meeting. Based on the performance, he has been awarded with Yong Investigator Award of the 5th Asian Biomaterials Congress (2015 ABMC5), Yong Investigator Award of the 21th Symposium of Association for Chemical Sensors in Taiwan (2016 SACST), and Yong Investigator Award of the National Tsing Hua University (2018).