

Professor Chi-Ming CHE

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Zhou Guangzhao Professor in Natural Sciences

支志明教授

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Professor Chi-Ming Che obtained his PhD from HKU in 1982. The following year, he joined the University's Department of Chemistry and is currently the Zhou Guangzhao Professor in Natural Sciences. Professor Che is an Academician of the Chinese Academy of Sciences (1995), International Member (Foreign Associate) of the US National Academy of Sciences (2013) and a Fellow of the World Academy of Sciences (2007). He is also the Founding Member (2015- present) and Vice President (2015-2022) of the Academy of Science of Hong Kong.

Professor Che has received numerous honors, including the First Class Prize of the State Natural Science Award of China (2006), Croucher Senior Fellowship Award (1997), the TWAS Prize in Chemistry (2006), the Seaborg Lectureship of the University of California at Berkeley (2007), the Julia S. and Edward C. Lee Lectureship at University of Chicago (2008), the Centenary Prize of the Royal Society of Chemistry (2013), the Davison Lectureship at Massachusetts Institute of Technology (2013), the Huang Yao-Zeng Organometallic Chemistry Award of the Chinese Chemical Society – Lifetime Achievement Award (2016), the Ryoji Noyori ACES Award (2016), the Peiyang Lecture at Tianjin University (2018), the Nankai Centenary Lecture at Nankai University (2019), the First Class Award of 2019 Shenzhen Science and Technology (2019), the Luigi Sacconi Medal (2020), and the Silver Bauhinia Star of the HKSAR (2021).

Professor Che's research interests span basic and translational coordination chemistry; iron catalysis; metal-catalyzed oxidative alkene and alkane functionalization; reactive metal-ligand multiple bonded complexes; photochemistry and excited state dynamics of transition metal complexes; phosphorescent metal emitters and metal-TADF emitters; chemical biology of anticancer metal medicines and tradition Chinese medicines. Over the years, Professor Che has published over 1,000 papers, with citation over 64,300 times (excluding self-citation). His H-index is currently 128.

支志明教授於 1982 年在香港大學取得博士學位。他於 1983 年加入香港大學化學系任教，目前擔任周光召基金教授（自然科學）。支教授在 1995 年成為中國科學院院士，2013 年當選美國科學院外籍院士，2007 年成為世界科學院院士。他亦是香港科學院創院院士（2015 年至今）及曾為該學院的副院長（2015-2022 年）。

支教授獲得的其他榮譽包括國家自然科學獎一等獎（2006 年）、世界科學院化學獎（2006 年）、加州大學柏克萊分校 Seaborg 講座學者（2007 年）、芝加哥大學 Julia S.和 Edward C. Lee 講座學者（2008 年）、英國皇家化學學會百年紀念獎（2013 年）、麻省理工學院 Davison 講座學者（2013 年）、中國化學會黃耀曾有機金屬有機化學獎終身成就獎（2016 年）、日本化學學會野依良治獎（2016 年）、天津大學北洋講座（2018 年）、南開大學南開百年講座（2019 年）、深圳市自然科學一等獎（2019）、意大利化學學會與 Luigi Sacconi 基金會聯合頒發的 Luigi Sacconi 獎章（2020 年）和香港特別行政區銀紫荊星章（2021 年）。

支教授的研究興趣包括基礎和轉化性配位化學、鐵催化、金屬催化的烯烴和烷烴氧化功能化、反應性金屬配體多鍵合物、過渡金屬配合物的光化學和激發態動力學、螢光金屬發射體和金屬-TADF 發射體、抗癌金屬藥物和傳統中藥的化學生物學。多年來，支教授發表了 1000 多篇論文，引用次數超過 64,300 次（不包括自引），他現時的 H 指數為 128。