



CITATION FOR ASSOCIATE PROFESSOR YAN NING YOUNG RESEARCHER AWARD

Associate Professor Yan Ning is widely recognised for his work in the area of catalytic transformation of various renewable resources into chemicals and materials. He was the first to propose the “waste shell biorefinery” concept to fractionate and upgrade crustacean shell waste into high-value organonitrogen chemicals.

In addition, Ning developed efficient valorisation strategies to convert plant biomass and waste lipids into fuels, chemicals and nutrients. His team also pioneered the synthesis and catalytic applications of new single-atom catalysts in Singapore, which has a potential to empower CO₂-mediated hydrogen energy cycle.

Ning’s studies have generated more than 90 peer-reviewed research papers, with a total citation of more than 3,000 and an H-index of 41. Winner of several prestigious international awards including the Royal Society of Chemistry Energy Environment and Sustainability Early Career Award, and the American Chemical Society Sustainable Chemistry & Engineering Lectureship Award, Ning is internationally recognised as Asia’s Rising Star in sustainable chemistry and engineering. He also serves as associate editor for *Molecular Catalysis*, and sits on several advisory boards of leading journals.

Please join me in congratulating Associate Professor Yan Ning on receiving the Young Researcher Award this evening!