Biography

Prof. Kawi received his B.A. in chemistry and B.Sc. in chemical engineering from the University of Texas at Austin, M.Sc. in chemical engineering from the University of Illinois at Urbana-Champaign, and PhD in chemical engineering from the University of Delaware. After two years of postdoctoral work at the University of California at Davis, he joined the Department of Chemical and Biomolecular Engineering at the National University of Singapore in 1994.

Prof. Kawi has published more than 235 international refereed journal papers (with h index = 56 based on Google Scholar Citations), 5 patents, 3 book chapters, edited 7 special issues (as a guest editor of the following research journals: *Catalysis Today, Industrial & Engineering Chemistry Research, Journal of CO2 Utilization, Environmental Science & Pollution Research, Topics in Catalysis, Catalysts*) and presented more than 100 international conference papers, including several Keynote Lectures at important international conferences. He serves on the Editorial Board of several journals, such as *ChemCatChem, Reactions, Waste and Biomass Valorization, International Journal of Chemical Reactor Engineering* and recently joins as an Associate Editor of *Carbon Capture, Storage and Utilization* (a specialty section of *Frontiers in Energy Research*). He was the Conference Chair of the 13th International Conference on Carbon Dioxide Utilization (ICCDU XIII) held in Singapore in 2015. He is currently serving as the Organizer & Chair of "CO_2 Capture, Conversion and Utilization" Symposium at the ACS Conference.

Prof Kawi's recent research interest focuses on the design and synthesis of nanocatalysts for sustainable CO_2 conversion/utilization (such as CO_2 reforming) to bio-syngas and hydrogen, CO_2 Hydrogenation to alcohol and bio-fuels, CO_2 methanation, alcohol autothermal reforming, biogas reforming, biomass gasification, water gas shift reactions, CO2 capture/storage using concrete/incinerated waste as well as treatment of greenhouse gases. His interest also includes fabrication of inorganic hollow fiber membranes and catalytic membrane reactors for oxygen, hydrogen, CO_2 and water separation and reaction.

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