



The Engineering Institute of Canada

2022 Award Citation

EIC Fellow



Ying Zheng

Nominated by the Canadian Society for Chemical Engineering

Ying Zheng received training in Chemical Engineering and is now a full professor and a Canada Research Chair (Tier 1) in Chemical Reaction and Intensification with the Department of Chemical Engineering, Western University. She is an international leading researcher in the design of highly innovative catalytic processes and catalytic materials with applications in the field of renewable energy and decarbonization.

Her passion for the application of fundamental knowledge and innovative technologies to solve engineering problems and to find answers to real world issues, has resulted in 11 patents. Her technologies are creating valuable economic benefits to Canada through the creation of new jobs and helping industries to reduce harmful environmental impacts globally.

Zheng is also an excellent educator and has trained many students who are currently working worldwide as professors at universities, senior researchers at research institutions, or administrators and/or engineers in the private sector. Her distinguished service to the catalysis community has also been well recognized.

Her leadership is further demonstrated by her endeavors in promoting a professional working environment and outreach toward women in engineering.

Ladies and gentlemen, and Ms. President, please welcome Ying Zheng as a Fellow of the Engineering Institute of Canada.