

Welcome to KFUPM

# Dr. Alaaeddin Alsbaiee

Associate Professor

Department of Chemistry

Affiliated with Interdisciplinary Research Center for Advanced Materials



## Education:

Ph.D. in Chemistry from University of Alberta, Canada - 2013

## Previous Organization:

BASF Inc. Corporation, NJ, USA; R & D Manager; (2022–2026)

## Research Profile (SCOPUS):

Total Citations: **3,296**

Total Journal Publications: **20**

H-index: **13**

## Professional Interests:

Polymer Recycling/Circularity, Water & Air Purification, Gas Separation, Nano Porous Polymers, Biobased Polymers

## About Dr. Alsbaiee:

Dr. Alaaeddin Alsbaiee is recognized for developing advanced polymeric materials and sustainable technologies spanning water purification, recyclable polymers, and industrial materials. His pioneering work on water purification, published in Nature, led to the founding of CycloPure. During his 10-year industrial career in the U.S., he developed several commercial technologies at Arkema and DuPont and led polyurethane recycling R&D at BASF. His research work was recognized by several prestigious awards including C&EN's Talented 12, the AIChE's Rising Star of the Polymers Industry, and recently the 2026 ACS Green Chemistry Challenge Award.