

**Name: Dr.Majed Abdulqader Alamoudi**

Assistant Professor, Department of Chemical and Materials Engineering, King Abdulaziz University

#### Education

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
PhD	Chemical Engineering	University of British Columbia	2022
MS	Chemical Engineering	University of British Columbia	2016
BS	Chemical Engineering	King Abdulaziz University	2012

#### Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>		<i>Full or Part Time</i>
2017	2021	University of British Columbia	TA		Part time
2012	2013	King Abdulaziz University	TA		Full time

#### Non Academic Industrial Experience (including Consultations)

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position Description</i>	<i>Full or Part Time</i>

#### Certifications and Professional Registrations

#### Current Membership in Professional Societies and Organizations

<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
1.		
2.		
3.		
4.		

#### Honors and Awards

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#### Services activities (within and outside of the institution)

1.	
2.	
3.	
4.	
5.	

#### Principal Publications/Presentations from the Past five Years

1	Influence of CaCe ratio on the hydrogen production from ammonia over CaO-CeO <sub>2</sub> supported Co catalysts. Sept. 9 <sup>th</sup> 2023
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2	An integrated approach for the extraction of lipids from marine macroalgae consortium using RSM optimization and thermo-kinetic analysis. July 22nd 2023
3	Dehydrogenation of the liquid organic hydrogen carrier perhydrodibenzyltoluene–reaction pathway over Pt/Al <sub>2</sub> O <sub>3</sub> . Sept. 28th, 2022
4	Application of MXenes for air purification, gas separation and storage: A review. May 13th, 2022
5	Producing hydrocarbon fuel from the plastic waste: Techno-economic analysis. Korean journal of chemical engineering. Sept. 6 <sup>th</sup> , 2021
6	Influence of Catalyst Acidity on the Hydrogenation and Dimerization of Conjugated Olefins over Supported NiMoS Catalysts. Energy & Fuel. Jun. 8 <sup>th</sup> , 2021
7	Washcoat Overlayer for Improved Activity and Stability of Natural Gas Vehicle Monolith Catalysts Operating in the Presence of H <sub>2</sub> O and SO <sub>2</sub> . ACS Publications Feb. 26 <sup>th</sup> , 2021
8	Hydrodesulphurization of Dibenzothiophene on NiMoS catalysts: Impact of the Carbon Support on the Reaction Kinetics. The Canadian Journal of Chemical Engineering. Nov. 20 <sup>th</sup> , 2018

Recent Professional Development Activities ( <i>Workshops, training, etc.</i> )	

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