

## **Dr. Taha Moustafa Moawad** **(Academic Activities in the Past 5 Years)**

- **Web of Science Link:** <https://www.webofscience.com/wos/author/record/JSK-4212-2023>
- **ORCID Link:** <https://orcid.org/0000-0003-3346-4883>
- **Google Scholar Link:** <https://scholar.google.com/citations?user=psOV4AAAAAJ&hl=en>

### **Conferences and Symposia Articles**

1. Noah AlOtaibi<sup>1</sup>, Moustafa Aly and **Taha Moawad** "Developing New Natural Surfactant from Date Seeds for Different Field Applications" Paper presented at 3rd World Conference on Byproducts of Palms and Their Applications ByPalma December 5 – 8, 2023, Riyadh, KSA.
2. Moustafa Aly; Abdulazeez Abdurraheem; **Taha Moawad** "A Comparative Study Between Artificial Intelligence Models and a Statistical Learning Model to Predict Gas Adsorption in Shales " Paper presented at the SPE Canadian Energy Technology Conference and Exhibition, Calgary, Alberta, Canada, March 2023. Paper Number: SPE-212742-MS.

### **Journal Articles**

1. Ammar Gamal Ali, Abiodun Matthew Amao,, **Taha Moawad** "Citrus Based Biopolymer for Enhanced Oil Recovery Applications in High-Salinity, High-Temperature Reservoirs" Published in Arabian Journal for Science and Engineering, January 2024.
2. Ahmed Elliwa, **Taha Moawad**, Ali Alnetafi, A. Alquraishi and Y. Elmotaweh "Evaluation of Organic Acids Implementation in Stimulating Tight Gas Reservoirs: A Case Study on Sarah Sandstone Formation" published in Journal of King Saud University, Engineering Science, Elsevier. Volume 34, Issue 7, November 2022, Pages 352-358.

### **Supervised Theses**

#### **Principal Advisor For:**

1. "An Experimental Study of a New Polymer Recycled from Waste Material for EOR in Harsh Reservoir Conditions in Middle East " by Ammar Gamal Ali, under submission 2024.
2. Experimental Investigation and Optimization of Integrated modified Materials to Enhance Foam Stability for Enhanced Oil Recovery Applications" by Saleh Alshamrani, Submitted and discussed in May 2023.
3. "An Experimental Study of Matrix Acidizing Effect on Oil Reservoirs Performance at Different Conditions" by Ellewa Ahmed Elsheikh, Submitted and discussed in Feb. 2019.