



Zainab Mohammad Issa

M.Sc. Chemical engineering

Profile

I am a chemical engineer specialized in the electrochemical study and heavy metal removal for treatment of wastewater. Also I have interested in Mathematical analytics, transport phenomena and modelling.

EDUCATION

B.Sc. in chemical engineering


Chem. Eng. Dept. University of Baghdad /Iraq
2017-2018


M.Sc. in chemical engineering/electrochemical engineering
2023

Chem. Eng. Dept. University of Baghdad /Iraq

Thesis title “ Electrosorptive Removal of Chromium ion from Aqueous solution”

CERTIFICATIONS AND CONFERENCES PARTICIPATION

 I have a certificate of participation in second conference of scientific activities in chemical engineering, University of Baghdad, collage of engineering, 2022.

 I have certificate of appreciation in the First conference of graduated project in chemical engineering, University of Baghdad, collage of engineering, 2018.

Contact



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Iraq- Baghdad – Al Gadeer

✚ Certification in English courses, Al-khwarizmi College of engineering, 2020.

✚ Certification in computer courses, Al-khwarizmi College of engineering, 2020.

PUBLICATION

Journals and conferences papers

✚ “Chromium ions removal by capacitive deionization process: Optimization of the operating parameters with response surface methodology”, Journal of ecological engineering, 2023.

<https://doi.org/10.12911/22998993/155953>

✚ “Electrodeposition of Manganese Dioxide under Different Conditions: Application of MnO₂/Carbon Fiber in the Electrosorption Process”, Chemical Engineering and Technology, 2023.

<https://doi.org/10.1002/ceat.202300294>

✚ “Electrosorption of hexavalent Chromium Ions by MnO₂/Carbon Fiber Composite Electrode: Analysis and Optimization of the process by Box-Behnken design”, Iraqi Journal of Chemical and Petroleum Engineering, 2023.

<https://doi.org/10.31699/IJCPE.2023.1.7>