

CURRICULUM VITA

1. Personal Backgrounds:

Name: Forat Yasir Sharrad AlJaberi

Date of birth: 10/08/1974

Place of Birth: Khider City, Al-Muthanna Province, Iraq

Marital Status: Married

Blood Type: A⁺

Present Position: Lecturer, Chemical Engineering Department, College of Engineering, Al-Muthanna University, Al-Muthanna, Iraq

E-mail: foratyasir@mu.edu.iq; forat_yasir@yahoo.com

Web of Science ResearcherID: H-9590-2019



2. Qualifications

- PhD in Chemical Engineering, Baghdad University, Iraq, 2018.
- MSc in Chemical Engineering, Basra University, Iraq, 2014.
- BSc in Chemical Engineering, Basra University, Iraq, 1995.

3. Research Interests

- Water and wastewater treatment
- Electrochemical reactor design
- Modification of crude oil products

4. Research Interests

- 1999-2004: Technical Engineer in several construction companies (Jordan and Libya).
- 2004-2006: Technical Engineer in VINSAN Turkish company (IRAQ EXPRESSWAY No.6 project).
- 2006- 2008: Supervisor engineer in the Province of Al-Muthanna Council.
- 2008-2009: Computer lap technician, college of Education, Al-Muthanna University.
- 2009-2014: Manager of registration unit, College of Physical Education, Al-Muthanna University.

- 2014-2018: Assistant lecturer at the department of Chemical Engineering, College of engineering, Al-Muthanna University.
- 2018 till now: Lecturer at the department of Chemical Engineering, College of engineering, Al-Muthanna University.

5. Academic Teaching

- Principles of Chemical Engineering: First-stage, undergraduate students of Chemical Engineering department/Al-Muthanna University (2014-2016).
- Processes Control: Fourth-stage, undergraduate students of Chemical Engineering department/Al-Muthanna University (2016-till now).
- Chemical Reactor Design: Third-stage, undergraduate students of Chemical Engineering department/Al-Muthanna University (2018-till now).
- Graduation project: Fourth-stage, undergraduate students of Chemical Engineering department/Al-Muthanna University (2014-till now).

6. Dissertation and Thesis

- **AlJaberi, Forat Y. (2018)** Dissertation for PhD. Degree in chemical Engineering “Electrocoagulation Using Concentric Tubes Electrodes Reactor for Removal of Lead from Simulated Wastewater”.
- **AlJaberi, Forat Y. (2014)** Thesis for MSc. Degree in chemical Engineering “Utilization of Recycled Tires Rubber as an Additive to Basrah Refinery Asphalt Cement for Roads Paving Uses”.

7. Engagement with Professional Societies

I have been invited by local and international professional societies to act as a manuscript reviewer for the following international journals. Until now, more than 25 papers that I had reviewed:

- 1- Journal of Hazardous Materials. (Impact Factor:7.65) (**Outstanding Reviewer**)
- 2- Journal of Environmental Chemical Engineering. (Impact Factor:4.09)
- 3- AIP Conference Proceedings. (Impact Factor:0.37)
- 4- Materials Science Forum. (Impact Factor:0.33)
- 5- IOP Conference Series: Materials Science and Engineering. (Impact Factor:0.53)
- 6- Journal of Environment and Waste Management (Premier Publishers).
- 7- Research Journal of Chemical Engineering and Processing (Premier Publishers).

- 8- Muthanna Journal of Engineering and technology (MJET)
- 9- Iraqi Journal of Chemical and Petroleum Engineering.
- 10- Journal of Engineering (JE).

8. PUBLICATIONS

I have 16 publications include 12 journal articles and 4 conference papers. The total citations are 46 and H-index is 4 according to Google Scholar: ([Forat Yasir AlJaberi](#)).

Journal Papers

- 1) **Forat Yasir AlJaberi**, Abdul-Wahab R., Adnan A., "*The Effects of Classifying CRM Sources on the Asphalt Cement Modification for Paving Roads*", Journal of Environment and Ecology, Macrothink Institute, 4 (2) (2013) 27-45.
- 2) **Forat Yasir AlJaberi**, Wadood T. Mohammad, "*Novel Method for Electrocoagulation Removal of Lead from Simulated Wastewater by Using Concentric Tubes Electrodes Reactor*", Desalination and Water Treatment, 101 (2018) 86-91.
- 3) **Forat Yasir AlJaberi**, Wadood T. Mohammad, " *Analyzing the Removal of Lead from Synthesis Wastewater by Electrocoagulation Technique Using Experimental Design* ", Desalination and Water Treatment, 111 (2018) 286-296.
- 4) **Forat Yasir AlJaberi**, Wadood T. Mohammad," *Adsorption of lead from simulated wastewater via electrocoagulation process: Kinetics and Isotherm Studies*", Mesopotamia Environmental Journal, 4 (2) (2018) 45-65.
- 5) **Forat Yasir AlJaberi**, Wadood T. Mohammad," *Effecting of pH Parameter on Simulated Wastewater Treatment Using Electrocoagulation Method*", Journal of Engineering, 24 (4) (2018) 73-88.
- 6) **Forat Yasir AlJaberi**, Wadood T. Mohammad," *Analysis of Electrodes Consumption during the Electrocoagulation Treatment of Lead removal from Simulated Wastewaters*", Muthanna Journal of Engineering and Technology, 6 (1) 2018.
- 7) **Forat Yasir AlJaberi**, " *Investigation of electrocoagulation reactor design effect on the value of total dissolved solids via the treatment of simulated wastewater* ", Desalination and Water Treatment, 120 (2018) 141-149.
- 8) **Forat Yasir AlJaberi**, " *Studies of autocatalytic electrocoagulation reactor for lead removal from simulated wastewater* ", Journal of Environmental Chemical Engineering, 6 (2018) 6069-6078.
- 9) **Forat Yasir AlJaberi**, "*Operating Cost Analysis of a Concentric Aluminum Tubes Electrodes Electrocoagulation Reactor* ", Heliyon, 5(8) (2019) e02307.

- 10) **Forat Yasir AlJaberi**, "*Modelling current efficiency and ohmic drop in an innovated electrocoagulation reactor wastewater*", *Desalination and Water Treatment*, 164 (2019) 102-110.
- 11) **Forat Yasir AlJaberi**, "*A study on the significance of the crumb rubber classification on the ductility test for rubberized asphalt binder*", *Springer Nature Applied sciences*, (2019) 1:1472.
- 12) **Forat Yasir AlJaberi**, et al, "*Assessment of an electrocoagulation reactor for the removal of oil content and turbidity from real oily wastewater using response surface method*", *Recent Innovations in Chemical Engineering*, 13 (1) (2020) 55-71.

Conference Papers:

- 1) **Forat Yasir AlJaberi**, Wadood T. Mohammad," *The Most Practical Treatment Methods For Wastewaters: A Systematic Review*", *Mesopotamia Environmental Journal*, 5 (1) (2018) 1-28.
- 2) **Forat Yasir AlJaberi**, Wadood T. Mohammad," *Evaluation the effect of wastewater conductivity on voltage applied to electrocoagulation reactor* ", *Journal of Al-Nisour University College*, 6 (1) (2018) 133-139.
- 3) **Forat Yasir AlJaberi**, Basma A. Abdul Majeed," *Water Pollution in Iraq and Available Treatment Methods – General Review* ", *Al-Kufa University Journal for Biology*, special issue (2019) 75-85.
- 4) **Forat Yasir AlJaberi**, et al.," *Modeling of adsorption isotherms of oil content through the electrocoagulation treatment of real oily wastewater* ", *AIP Conference Proceedings*, In Press.

9. Book Publications

- **Forat Yasir AlJaberi**, Wadood T. Mohammad, *Lead Removal from Wastewater using a Novel Electrocoagulation Reactor*, LAP LAMBERT Academic Publishing AG & Co. KG, 2019. German (ISBN: 978-613-9-99898-2).

10. Patents:

- Patent No. 5837 entitled "*Concentric Tubes Electrodes Reactor to Remove Heavy Metals From Simulated Wastewater By Electrocoagulation Method*" was issued in 16/7/2019 from the Central Agency for Standardization and Quality Control.

12. Memberships:

Member of many ministerial and university committees.