

CURRICULUM VITAE



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DEGREE OBTAINED WITH DATES

- B.Sc. Civil Eng., Jun, 2004 – Civil Eng. Department, Babylon University: Iraq
- M.Sc. Environmental. Eng., Jun, 2007 – Civil Eng. Department, Babylon University: Iraq
- Ph.D. Civil. Eng., Sep, 2016 – Malaysia-Japan of Engineering, UTM: Malaysia

CURRENT WORK EXPERIENCE

- Collage of Engineering, Al-Muthanna University, (Lecturer). (2013)

INTELLECTUAL PROPERTY

- The patent novelty with application number: **PI 2015702202, 2016**

CONFERENCE ATTENDED

1. A Comparative Study Using Electrocoagulation and Conventional Coagulation for Treatment of Textile Wastewater" International Conference on Sustainability Initiatives (ICSI) 2015 in conjunction with 8th ASEAN Environmental Engineering Conference (AEEC), Kuala Lumpur, Malaysia.
2. Innopitch Competition, Innovation and Commercialization Centre (ICC), 2014, Johor, Malaysia, UTM- Osaka university, Japan
3. Electrocoagulation technology for treatment of textile wastewater using a novel reactor design with rotated anode" ASIA International Multidisciplinary Conference (AIMC-2017), Malaysia.
4. Optimizing the accelerated hardening of sawdust light weight concrete with carbon dioxide, 2018, university of Karbala, Iraq.
5. A unique design of electrocoagulation reactor for wastewater treatment of textile industry, Clean Water and Air international conference, Indonesia, 2018.
6. Intellectual Discourse for International Students, UKM, Malaysia, 2016

Book

1. Chapter in Book title: Wastewater and Water Quality, Intech Open publisher, 2018, London, UK.

PUBLICATIONS

1. "Electrocoagulation by solar energy feed for textile wastewater treatment including mechanism and hydrogen production using a novel reactor design with a rotating anode" **RSC Advance (Royal Society of Chemistry), 2016, IF=4.84, ISI, Q1.**
2. "Electrocoagulation using a rotated anode: a novel reactor design for textile wastewater treatment" **Journal of Environmental Management, ELSEVIR, 2016, IF=4.21, ISI, Q1.**
3. "Enhancement of ionic mass transfer coefficient using a unique electrocoagulation reactor with rotating impeller anode" **Chemical Engineering Research and Design, Accepted, ELSEVIR, 2016, IF=3.2, ISI, Q1.**
4. "A review of electrocoagulation technology for the treatment of textile wastewater" **Reviews in Chemical Engineering, 2017, Germany, IF=3.0, ISI, Q1.**
5. "Treatment Performance of Textile Wastewater Using Electrocoagulation (EC) Process under Combined Electrical Connection of Electrodes" **International Journal of ELECTROCHEMICAL SCIENCE, 2015, IF=1.956, ISI, Q3.**
6. "Enhancement of an Electrocoagulation Process for the Treatment of Textile Wastewater under Combined Electrical Connections Using Titanium Plates" **International Journal of ELECTROCHEMICAL SCIENCE, 2015, IF=1.956, ISI, Q2.**
7. "Electrocoagulation Technology in Wastewater Treatment: A review of Methods and Applications" **Civil and Environmental Research, 2014, Scopus.**
8. "Combination of Electrocoagulation and Electro-oxidation Processes of Textile Wastewater Treatment" **Civil and Environmental Research, 2014, Scopus.**
9. Fire Flame Effect on the strength of self-compacting concrete, **Al-muthanna Journal of Engineering, 2012.**
10. Evaluation of Air Pollution in Al Nahrawan region-Iraq, **Al-muthanna Journal of Engineering, 2018**
11. Development of diamond composite electrode for anodic oxidation of organic pollutants, **Journal of Environmental Chemical Engineering, ELSEVIR, Q1, 2018.**
12. Treatment of textile wastewater using a novel electrocoagulation reactor design, **Global Nest Journal, Scopus, 2018.**

13. Air Pollution Levels by Re-suspended and Airborne Dust Due to Traffic Movement at the Main High Traffic Crossroads of Hilla City, Iraq, Babylon Journal, 2018
14. Optimizing the accelerated hardening of sawdust light weight concrete with carbon dioxide gas, 2018, IOP Publishing.
15. Laboratory Investigating of Magnetic Treatment influence on Groundwater Characteristics, Journal of Engineering and Applied Sciences, 2019, Scopus
16. **QUALIFICATION OF COMBINED SYSTEM BIOFILTER AND ACTIVATED SLUDGE FOR MUNICIPAL WASTEWATER TREATMENT, International Journal of Civil Engineering and Technology, 2019, Scopus.**
17. Performance evaluation of fly ash-based geopolymer concrete incorporating nano slag, Global Nest Journal, 2019, Scopus
18. Enhancement of ionic mass transfer coefficient using a unique electrocoagulation reactor with rotating impeller anode, 2019, SEPARATION SCIENCE AND TECHNOLOGY, Taylor&Francis, IF=2.5
19. Treatment of Saline Water Using Electrocoagulation with Combined Electrical Connection of Electrodes, 2019, Processes, MDPI, IF=1.7