

Personal information



First name(s) / Surname(s) **Kholoud Madih Abbouda Mahmoud**
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Research Gate Profile https://www.researchgate.net/profile/Kholoud_Madih
Nationality Egyptian
Date of birth 18th November 1988
Gender Female
Marital Status Single

Work experience

Occupation or position held Lecturer Assistant : Jul 2015 – till now
Demonstrator : Feb 2011 – Jul 2015
Name and address of employer Chemical Engineering department, Faculty of Engineering, Minia University,
, Minia Egypt, 61519
Type of business or sector Higher education
Main activities and responsibilities

- Teaching practical courses for undergraduates, mechanical Power Engineering & material science and Production. In addition to this, support duties as holding office hours to meet with students for answer questions and generally consult on the academic requirements; and possibly such departmental support duties.

Publications

- Kholoud Madih** , A. H. El-shazly, M. F. El-Kady , Abdallah Y. M. Ali, and Essam Hares, Evaluation of stainless steel as electrocatalyst for electrooxidation of urea – rich wastewater, 2nd International Conference of Chemical, Energy and Environmental Engineering ICCEEE, July 2019.
- Hesham I. Fathi, Ahmed H. El-Shazly, M. F. Elkady, **Kholoud Madih**, Abdallah Y. M. Ali, Mohamed A. Khalil .Electrospinning Of Cellulose Nanocrystals Extracted From Agro-Waste For Fabrication Of Composite Nanofiber Membrane.
- Kholoud Madih**, Ahmed H. El-shazly, Essam Hares, Enhancement of Graphene Oxide Deposition on Stainless Steel in Presence of Iodine Key Engineering Materials, Vol. 801, pp. 160-165, 2019

Under Publication

4. Abdallah Y. M. Ali, A. H. El-Shazly, M. F. El-Kady, Hesham I. Elqady, **Kholoud Madih**, and Essam Hares, "Experimental and Theoretical Studies of Thermophysical Properties of MgO-water nanofluid", 2nd International Conference of Chemical, Energy and Environmental Engineering ICCEEE, 16-18 July, 2019
5. Hesham I. Fathi, Ahmed H. El-Shazly, M. F. Elkady, and **Kholoud Madih**. "Assessment of New Technique for Production Cellulose Nanocrystals from Agricultural Waste." In Materials Science Forum, vol. 928, pp. 83-88. Trans Tech Publications, 2018.
6. Hesham I. Fathi, Abdallah Y. M. Ali, **Kholoud Madih**. " Mixing performance of different angles PMMA fabricated micromixers " the 4th International Conference of Advanced Sciences (ICAS4 2017), Hurghada, Egypt, 7-10 November. 2017. (presentation paper)
7. **Khlood Madih**, Aghareed M. Tayeb, and Wael Abdelmoez," Modeling, simulation and validation of a pilot scale hybrid solar drying for herbs and vegetables ", 2nd Industry Academia Collaboration conference (IAC), 2015, Cairo, Egypt.

1. **Kholoud Madih** , A. H. El-shazly, M. F. El-Kady , Abdallah Y. M. Ali, and Essam Hares, Evaluation of stainless steel as electrocatalyst for electrooxidation of urea – rich wastewater, Key Engineering Materials.
2. Essam Hares, A. H. El-Shazly, M. F. El-Kady, **Kholoud Madih**,"Anodic Aqueous Electrophoretic Deposition of Graphene Oxide on Copper Using Different Cathode Materials", Key Engineering Materials.

Education and training

• *Education*

- PhD student in Chemical and Petrochemicals Engineering
Department– EJUST, Egypt
Sep. 2016 – Present
Thesis title: Fabrication of Novel Membrane(s) for Fuel Cell Application.
- M.Sc. in Renewable Energy Resources, Chemical Engineering
Department. Minia University
Sep 2006 – Jun 2010
Thesis title: Design of a Solar Drying System for Herbal Plants".
- B. Sc. in Chemical Engineering Department, Faculty of Engineering ,
Minia University
Sep 2006 – Jun 2010
Grade: 83.5% | very good with honor
Graduation Project Grade: Excellent
Rank: 1st ranked student for the total academic years.

➤ *Training*

- Chemical Reaction Engineering Laboratory- Kyoto University
Kyoto-Japan, Jul 2017
- Oriental Petrochemical Company (OPC)
Egypt, May 2010
- Holding Company for Water and Wastewater
Egypt, Jul 2009
- Assiut Oil Refining Company (ASORC)
Egypt, Oct 2008
- Chemical Engineering Lab. at Faculty of Engineering
Egypt, Jul 2007

Research Experience and projects:

- **Fabrication and Evaluation of performance of different types of PMMA micromixers.** Project-Based Learning course in Chemical and Petrochemical Engineering Department,
- **Design of a Solar Drying System for Herbal Plants”** M.SC thesis , the main target was design of pilot scale and full scale industrial hybrid solar dryer for herbal plants that depends on solar energy as source of energy. The research included modeling and MatLab-based simulation of the main parameters affecting the design and introduced the operating parameters on a graphical user interface (GUI)
- Member in **“Improvement of Post-Harvest processing” through solar drying.** " Project supported by **ILO**; 2013-2014
- Member in **“Grey water treatment& recycling”** project supported by **Misr Elkhir**, 2013-2014
- Member in **“an agro-industrial development initiative aiming at upgrading Medicinal and Aromatic Plants (MAP) sector in Egypt) through establishing the design concepts and pilot needed for large scale solar herbal drying ;** one year for the development of **EMAP** and **HYAT** project supported by **UNIDO**,2012-2013.
- **Removal of Insecticide (Methomyl) From Ground Water Using Different Techniques.** Graduation project, the project main target was the experimentation of different techniques for the removal of insecticides from groundwater including photocatalytic techniques and adsorption ;2010

Language

Mother tongue(s) **Arabic**

Other language(s) **Japanese: Beginner**

English

- **TOEFL (IBT) 91**
- **IELTS Band Score: 6**

Social skills and competences

Ability to establish and maintain good working relations with people of different nationalities and cultural backgrounds. Problem-solving attitude.
Able to adapt and learn new things fast.

Organisational skills and competences

Extremely organised person. Proven leadership skills involving managing, developing and motivating teams to achieve their objectives acquired at work

Computer skills and competences

- Microsoft Office
- AutoCAD
- MATLAB

References furnished upon request