



Curriculum Vitae

Personal Information

Name: Taha Ibrahiem Mohamed Farrag
Date of birth: 04/01/1970
Nationality: Egyptian
Sex: Male
Marital Status: Married with two children
Occupation: Dean the Faculty of Engineering
Professor of Chemical Engineering,
Chemical Engineering Department,
Faculty of Engineering, Port Said University.
Living Address: New Damietta, Damietta, Egypt
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Educations:

- 1993:** **B.Sc. of Chemical Engineering.**
*Chemical Engineering Department,
Faculty of Engineering, El-Minia University, El-Minia, Egypt.*
- 1997:** **M.Sc. of Chemical Engineering.**
*"Heat Transfer Parameters in Bagasse Kraft Black Liquor for Design of Multiple
Effect Evaporator"*
*Chemical Engineering Department,
Faculty of Engineering, El-Minia University, El-Minia, Egypt.*
- 2003:** **Ph.D. of Chemical Engineering.**
"Heat Transfer in Chemically and Physically Altering Bulks with Gas Flow"
*Institute of Thermodynamics, Kassel University, Kassel, Germany, and
Chemical Engineering Department, El-Minia University, Egypt. (Channel System).*

Employment History:

- 1994 – 1997:** **Demonstrator:**
Chemical Engineering Department, Faculty of Engineering, Minia University, El-Minia, Egypt.
- 1997 – 2003:** **Assistant Lecturer,**
Chemical Engineering Department, Faculty of Engineering, Minia University, El-Minia, Egypt.
- 2000 – 2002:** **Scientific Mission (Channel System for Ph.D.)**
Institute of Thermodynamics, Kassel University, Kassel, Germany
- 2003 – 2005:** **Lecturer,**
Chemical Engineering Department, Faculty of Engineering, Minia University, El-Minia, Egypt.
- 2006 – 2008** **Associate Professor**
Chemical Engineering Department, Faculty of Engineering, 7th of April - El-zawia - Lybia.
- 2008 – 2009:** **Lecturer,**
Chemical Engineering Department, Faculty of Engineering, Minia University, El-Minia, Egypt.
- 2009 – 6/2014:** **Assistant professor,**
Chemical Engineering Department, Faculty of Engineering, Minia University, El-Minia, Egypt.
- 2013 – 6/2014:** **Head of Biomedical Engineering Department,**
Biomedical Engineering Department, Faculty of Engineering, Minia University, El-Minia, Egypt.
- 6/2014 – 10/2014:** **Assistant professor,**
Chemical Engineering Department, Faculty of Engineering, Port Said University, Port Said, Egypt. Said
- 10/2014 – 9/2017:** **Professor and Head of Chemical Engineering Department,**
Chemical Engineering Department, Faculty of Engineering, Port Said University, Port Said, Egypt. Said
- 9/2017 – 10/2022:** **Professor and Vice Dean for Educational and Students Affairs.**
Faculty of Engineering, Port Said University, Port Said, Egypt.
- 10/2022 – present:** **Dean for Faculty of Engineering.**
Faculty of Engineering, Port Said University, Port Said, Egypt.

Teaching Experience:

- 1994 – 1997: Demonstrator** for the following courses:
Engineering Chemistry, Chemical Engineering Principles, Plant Design, Unit Operations, Chemical Industries, Heat Transfer and Fluid Mechanics.
- 1997 – 1999: Assistant Lecture** for the following courses:
Engineering Chemistry, Water Treatment, Unit Operations, Chemical Industries, Heat Transfer, Fluid Mechanics, Chemical Engineering Thermo-Dynamics.
- 2003-2009: Lecture** for the following courses:

Engineering Chemistry, Chemical Engineering Principles, Reactor Design, Chemical Engineering Thermo-Dynamics, Mathematical Modeling in Chemical Engineering, Heat Transfer and Fluid Mechanics.

2009-2014: Assistant professor for the following courses:

Engineering Chemistry, Chemical Engineering Principles, Reactor Design, Chemical Engineering Thermo-Dynamics, Mathematical Modeling in Chemical Engineering, Heat Transfer and Fluid Mechanics. Physical Operations for Pollution Treatment and Advanced Transport Phenomena (post graduate course).

2014 - up now : Professor for the following courses:

Engineering Chemistry, Chemical Engineering Principles, Reactor Design, Chemical Engineering Thermo-Dynamics, Mathematical Modeling in Chemical Engineering, Heat Transfer and Fluid Mechanics. Physical Operations for Pollution Treatment and Advanced Transport Phenomena.

- I acted as a participate in three research projects related to water desalination and Energy, funded from Misr El Kheir Foundation and RDI- program.

Examiner of the Following M. Sc & Ph. D Thesis in Different Universities:

***Minia University - Mansoura University - Assiute University - Alexandria University -
Cairo University - Suez Canal University***

- 1- M.Sc. "Removal of Organic Materials from Effluent by Advanced Oxidation Technique" Faculty of Engineering, Minia University (2010).
- 2- M.Sc. "Treatment of Industrial Wastewater by Using Advanced Oxidation Technologies" Faculty of Engineering, Mansoura University (2010).
- 3- M.Sc. "Color Removal by Using Agriculture Waste" Faculty of Engineering, Mansoura University (2011).
- 4- M.Sc. "Investigation of Removal of Some Heavy Metals PAH and TPH Using Permeable Pavement in Suds" Faculty of Engineering, Mansoura University (2015).
- 5- M.Sc. "Study the effect of addition ammonium thiocyanate salt on viscosity of black liquor from kraft pulping process from bagasse "Sugar Technology Research Institute, Assiute University (2015).
- 6- M.Sc. "Study of Recycling Waste Tire Rubber to Reduce Pollution and Carbon Production" Faculty of Engineering, Minia University (2015).
- 7- M.Sc. "Treatment of Oily Wastewater Produced from Petroleum Refinery Processes" Faculty of Engineering, Minia University (2015).
- 8- M.Sc. "Adsorption Study of Activated Carbon Derived from Agricultural Waste" Faculty of Engineering, Mansoura University (2017).
- 9- M.Sc. "Extraction of Hydrogen from Novel Storage Materials for Catalytic Hydrolysis" Faculty of Engineering, Minia University (2017).
- 10- M.Sc. "About the Best Design and Use of Plate Heat Exchangers in Industrial Processing" Faculty of Engineering, Minia University (2017).
- 11- M.Sc. "Removal of Anionic and Cationic Dyes by Raw Sawdust from Aqueous Solution" Faculty of Engineering, Cairo University (2018).
- 12- M.Sc. "Adsorption of Malachit Green Dye from Aqueous Solution Using Date Pits" Faculty of Engineering, Cairo University (2018).
- 13- M.Sc. "Design of an Optimized Process for Biodiesel Production from Castor Oil" Faculty of Engineering, British University in Egypt (BUE) (2018).

- 14- M.Sc. "Mathematical Modeling and Simulation for Adsorption of Basic Dyestuffs" Faculty of Engineering, Minia University (2018).
- 15- M.Sc. "Exergy Analysis of Water Desalination by Humidification and Dehumidification technology" Faculty of Engineering, Minia University (2019).
- 16- M.Sc. "Towards Recent Treatments for the Egyptian Natural Gases" Faculty of Engineering, Minia University (2020).
- 17- M.Sc. "Investigating the Effect of Pyrolysis Parameters for Biomass" Faculty of Engineering, Minia University (2020).
- 18- M.Sc. "Removal of Brilliant Green Dye from Aqueous Solutions Using Activated Carbon Derived from Guava Seeds and Date Pits" Faculty of Engineering, Alexandria University (2020).
- 19- M.Sc. "Photocatalytic Treatment of Water Polluted with Organic Compounds" Faculty of Engineering, Minia University (2021).
- 20- M.Sc. "Inorganic Pollutants Removal From Wastewater by Using Nano Material" Faculty of Engineering, Suez Canal University (2022).
- 21- M.Sc. "A Study of Growth Kinetics of Alum Crystals Prepared from Cans Wastes" Faculty of Engineering, Minia University (2022).
- 22- Ph.D. "Utilization of New Sorbents for Removal of Some Heavy Metals" Faculty of Engineering, Minia University (2011).
- 23- Ph.D. "Advanced Studies on Municipal Wastewater Treatment of El-Minia City" Faculty of Engineering, Minia University (2014).
- 24- Ph.D. "CFD Analysis of Heat Exchanger (Towards to Optimization)" Faculty of Engineering, Minia University (2016).
- 25- Ph.D. "Advanced Technique for Removal of Organophosphorus Pesticides from Wastewater and Polluted Solid Surfaces" Faculty of Engineering, Minia University (2018).
- 26- Ph.D. "Mass Transfer Study during the Adsorption of Some Contaminants from Water by New Adsorbents" Faculty of Engineering, Minia University (2021).

Participation In International Conferences in Different Countries:

Egypt – Germany – Japan – Sultanate Oman – Thailand – Turkey

1. The 2nd Symposium on Heat Treatment of Metals and Alloys, Tabbin Institute for Metallurgical Studies (TIMS), and the Egyptian Heat Treatment Society (EHTS), Cairo, Egypt, 4-6 Dec. (2004).
2. The 7th International Congress of Chemical Engineering, "Prospects of Oil, Gas & Petrochemical Industry in the Arab Region: Opportunities & Challenges", Cairo- Egypt, 27-29 Dec. (2004).
3. The 3rd Minia International Conference For Advanced Trends In Engineering (MICATE), Minia, Egypt, 3-5 April, (2005).
4. Minia International Conference For Towards A Save and Clean Environment (TSCE), Minia, Egypt, 15-17 April, (2005).
5. 1st Mediterranean Conference on Heat Treatment and Surface Engineering, Dec.1-3 (2009); Sharm El-Sheikh; Egypt.
6. The 10th International conference on Chemistry and its Role in Development (ICCRD), March 16-21 (2009), Mansoura University, Egypt.

7. The 7th International Engineering Conference, March 23-28 (2010), Mansoura University, Egypt.
8. The 5th International Conference of Chemical and Environmental Engineering, May 25-27 (2010), Military Technical College, Cairo, Egypt.
9. The 11th International Conference on Chemistry and its Role in Development, April 11-16 (2011), Mansoura University, Egypt.
10. The 6th International Conference on chemical and environmental Engineering, May 29-31 (2012) Military Technical College, Cairo, Egypt.
11. The 3th International Conference on Sustainable Future for Human Security (Sustain), November 3-5 (2012) Kyoto Japan.
12. The 17th International Water Technology Conference (IWTC17), November 5-7 (2013) Istanbul, Turkey.
13. The 5th International Conference on Green and Sustainable Innovation (ICGSI 2015) "Moving Towards Green Growth and Green Competitiveness", Pattaya, Thailand.
14. The 19th International Water Technology Conference (IWTC19), April 21-23 (2016) Sharm ElSheikh, Egypt.
15. The 20th International Water Technology Conference (IWTC20), May 18-20 (2017) Hurghada, Egypt.
16. The 21th International Water Technology Conference (IWTC21), June 28-30 (2018) Ismailia, Egypt.
17. The 1st International Conference on Environmental Sciences and Engineering for the Sustainable Development (EESD), March 09-10 (2022) Sohar, Sultanate Oman.
18. Minia International Conference on Environment and Engineering (MICEE 2022), July, 12-14 (2022) Hurghada, Egypt.

Some of Activities:

1. Establishment of Water Analysis and Research Lab- Minia University.
 2. Establishment of Renewable Energy Lab- Minia University.
 3. Establishment of Chemical Engineering Labs- Port Said University.
 4. Sharing in Preparing a Book of Engineering Chemistry for Undergraduate Students.
 5. Sharing in Preparing of Undergraduate Curriculum of Chemical Engineering, Faculty of Engineering, Minia University.
 6. Preparing of Undergraduate Curriculum of Chemical Engineering, Faculty of Engineering, Port Said University.
 7. Sharing in Preparing of Undergraduate Curriculum of Natural gas Engineering, Special Programs by Credit Hours, Faculty of Engineering, Port Said University.
 8. Preparing of Postgraduate Curriculum of Chemical Engineering, Faculty of Engineering, Port Said University.
 9. Sharing in Preparing Some Courses Specification for Undergraduate Such as: Engineering Chemistry, Principles of Chemical Engineering, Chemical Engineering Thermodynamics, Heat Transfer, Fluid Mechanics, Engineering and Process Control in Chemical Processes.
 10. Attending Workshops About: How to Prepare Curriculums in Accordance with Reference Framework 2020 and NARS 2018.
 11. Attending Workshops About: Digital Transformation In Egyptian Universities.
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Referee for different scientific journals

1. MSA Engineering Journal.
2. Port Said Engineering Research Journal (PSERJ).
3. Journal of Advanced Engineering Trends (JAET).
4. Alexandria Engineering Journal (AEJ).
5. Mansoura Engineering Journal (MEJ).
6. Alfarama Journal of Basic & Applied Sciences.
7. Journal of Environmental Science (JES).
8. Scientific Journal for Damietta Faculty of Science.

Committees

9. Member of Department Council [Faculty of Engineering - Minia University].
10. Member of Libraries Committee [Faculty of Engineering - Minia University].
11. Member of Post Graduate Committee [Faculty of Engineering - Minia University].
12. Member of Faculty Council [Faculty of Engineering - Minia University].
13. Member of Engineering Research Center for Development & Technological Planning [Faculty of Engineering – Minia University].
14. Head of Chemical Engineering Department Council [Faculty of Engineering - Port Said University].
15. Member of Faculty Council [Faculty of Engineering - Port Said University].
16. Member of Chemical Engineering Department Council [Faculty of Engineering - Port Said University].
17. Member of Laboratories Committee [Faculty of Engineering – Port Said University].
18. Member of the New Programs Committee [Faculty of Engineering – Port Said University].
19. Member of the Student Affairs Committee at the University Level [Port Said University].
20. Head of Student Affairs Committee [Faculty of Engineering – Port Said University].
21. Member of the Environmental Affairs and Community Service [Faculty of Engineering – Port Said University].
22. Member of the College's Strategic Plan Preparation Team 217-2020 [Faculty of Engineering – Port Said University].
23. Member of the Crisis and Disaster Unit [Faculty of Engineering – Port Said University].
24. Member of Engineering Research Center for Development & Technological Planning [Faculty of Engineering – Port Said University].
25. Examiner for the Scientific Committee No. (122) to Promote Professors and Assistant Professors in Chemical Engineering.

الحصول على دورات لتنمية قدرات أعضاء هيئة التدريس.

- | | | | |
|---|--|---|--|
| ○ | توكيد الجودة والاعتماد | ○ | اخلاقيات وأداب المهنة |
| ○ | الجوانب المالية والقانونية فى الجامعات | ○ | الاتجاهات الحديثة فى التدريس |
| ○ | دورة مهارات العرض الفعال | ○ | الساعات المعتمدة |
| ○ | النخطيط الاستراتيجى | ○ | مهارات التفكير |
| ○ | تخطيط وادارة الوقت | ○ | تصميم المقررات |
| ○ | مشروعات البحوث التنافسية | ○ | التدريس باستخدام التكنولوجيا |
| | | ○ | ورشة عمل عن كيفية اعداد وصياغة الورقة الامتحانية |

الحصول على ثلاثة دورات من الهيئة القومية لضمان جودة التعليم والاعتماد

1. التعليم الفعال لمؤسسات التعليم العالى.
2. توصيف البرامج وخرائط المنهج لمؤسسات التعليم العالى.
3. المراجعة الخارجية لمؤسسات التعليم العالى.

References:

1. **Prof. Dr. Eng./ Mamdouh M. Nassar, Chem. Eng. Department, Faculty of Engineering, El-Minia University, Egypt.**
E-mail: Mamdouh_Nassar@yahoo.com
2. **Prof. Dr. Eng./ Ibrahim Gar Al-alm Rashed, Department of Physics and Engineering Mathematics, Faculty of Engineering, Mansoura University, Egypt,**
E-mail: Garalalm48@yahoo.com
3. **Prof. Dr. Eng./ Mamdouh S. El-Geundi, Chem. Eng. Department, Faculty of Engineering, El-Minia University, Egypt.**
E-mail: Elgandy1949@yahoo.com

List of Publications:

1. **M.M. Nassar, O.A. Fadali, E.A. Ashour and T.E. Farrag.**
"Heat Transfer Parameters of Bagasse Kraft Black Liquor", Alexandria Engineering Journal, Vol. 38, No.1, p17-29 (1999).
2. **I. H. Aly, E.A. Ashour, A.H. Mourad, T.E. Farrag, and N.M. Barakat.**
"Isothermal Oxidation Behavior of Aluminized Stainless Steel in Air at Higher Temperature", 2nd Symposium on Heat Treatment of Metals and Alloys, Tabbin Institute for Metallurgical Studies (TIMS), and the Egyptian Heat Treatment Society (EHTS), Cairo, Egypt, 4-6 Dec. (2004).
3. **T.E. Farrag, M.M. Nassar, O.A. Fadali and E.A. Ashour.**
"Effective Heat Transfer Parameters in Beds Packed With Spherical Particles", The 7th International Congress of Chemical Engineering, "Prospects of Oil, Gas & Petrochemical Industry in The Arab Region: Opportunities & Challenges", Cairo- Egypt, 27-29 Dec. (2004).
4. **M.S. El-Geundi, S.M. Hussein and T.E. Farrag.**
"Removal of Insecticide (Diazinon) From Aqueous Solutions Using Natural Clay", The 3rd Minia International Conference For Advanced Trends In Engineering (MICATE), Minia, Egypt, 3-5 April, (2005).
5. **M.S. El-Geundi, S.M. Hussein and T.E. Farrag.**
"External Mass Transfer Model Applied to The Adsorption of Insecticide (Diazinon) Onto Natural Clay", The 3rd Minia International Conference For Advanced Trends In Engineering (MICATE), Minia, Egypt, 3-5 April, (2005).
6. **M. S. El-Geundi, T. E. Farrag and H. M. Abd El-Ghany.**
"Adsorption Equilibrium of Herbicide (Pendimethalin) Onto Natural Clay", Adsorption Science & Technology. Vol. 23, No. 6, p437-453 (2005).
7. **M. S. El-Geundi, T. E. Farrag and H. M. Abd El-Ghany.**
"Adsorption of Herbicide (Pendimethalin) From Aqueous Solutions Onto Natural Clay", Minia International Conference For Towards A Save and Clean Environment (TSCE), 15-17 April, (2005).
8. **M. S. El-Geundi, T. E. Farrag and H. M. Abd El-Ghany.**
"Adsorption Kinitics of Herbicide (Pendimethalin) Onto Natural Clay", Minia International Conference For Towards A Save and Clean Environment (TSCE), 15-17 April, (2005).
9. **M.M. Nassar, T.E. Farrag and J.Y. Farah.**
"Gas Sparged Adsorber For Decolourization Dye Effluent", Eurasian Chem. Tech. Journal, Vol. 9, No. 2, p147-152 (2007).
10. **M.A. Hashem, R.M Abdelmonem and T.E. Farrag.**
"Human Hair as A Biosorbent to Uptake Dyestuffs From Aqueous Solutions", Alexandria Engineering Journal, Vol. 46, No.2, p205-213 (2007).
11. **M.M. Nassar, T.E. Farrag, and M. M. El-Halwany.**
"Rheology And Viscosity Of Bagasse Black Liquor", Alexandria Engineering Journal, Vol. 46, No.6, p975-982 (2007).
12. **N.A.M. Barakat, T.E. Farrag, R.M. Abdelmonem and E.A. Mahmoud.**
"Prediction of a New Object Location in a Case of Splitting the Data Set", Alexandria Engineering Journal, Vol. 47, No.1, p113-125 (2008).
13. **T.E. Farrag.**

"Uptake of Dyestuffs by Chemically Treated Human Hair Waste as a Biosorbent", Alexandria Engineering Journal, Vol. 47, No. 6, p563-573 (2008).

14. T.E. Farrag, and M. M. El-Halwany.

"Kinetic Models for Methylene Blue Adsorption Using Activated Human Hair Waste as a Biosorbent", Alexandria Engineering Journal, Vol. 48, No. 3, p128-139 (2009).

15. I. Hamed, A. Bastawesy, A. Husain, M. Alnabhan and T. E. Farrag.

"Role of Activators on The Thermochemical Stability of Aluminide Coatings of Low Carbon Steel", 1st Mediterranean Conference on Heat Treatment and Surface Engineering, Dec. 1-3 (2009); Sharm El-Sheikh; Egypt.

16. I. Hamed, A. Bastawesy, A. Husain, M. Alnabhan and T.E. Farrag.

"Electrochemical Behavior of Aluminized Steel in Saline Electrolytes", 1st Mediterranean Conference on Heat Treatment and Surface Engineering, Dec. 1-3 (2009); Sharm El-Sheikh; Egypt.

17. E.E. Ebrahiem, J.Y. Farah, T.E. Farrag, M.S. Mahmoud and M.E. Salem.

"Adsorptive Removal of Phenolic Compounds from Wastewater by Carbon Synthesized from Tree Branches", Alexandria Engineering Journal, Vol 49, No.1 69-78 (2010).

18. Nasser A. M. Barakat and Taha E. Farrag.

"Hierarchical Silver Nanostructures Produced by Electrospinning and Novel Hydrothermal Treatment", 5th International Conference of Chemical and Environmental Engineering, May 25-27 (2010), Military Technical College, Cairo, Egypt.

19. Nasser A. M. Barakat and Taha E. Farrag, Muzafar A. Kanjural, S.J. Park, Faheem A. Arjamand and Hak Yong Kim.

"Silver Nanofibers by A Novel Electrospinning Process: Nanofibers With Plasmon Resonance in The IR Region and Thermal Hysteresis Electrical Conductivity Features", Eur. J. Inorg. Chem. 1481-1488 (2010).

20. T.E. Farrag, M.M. El-Halwany.

"Study of Kinetic Models and Isotherms for Methylene Blue Adsorption on Corn Straws Pulp Biosorbent Waste Agriculture Material" Seventh International Engineering Conference, March 23-28 (2010), Mansoura University, Egypt.

21. M.M. El-Halwany, T.E. Farrag.

"Thermodynamic Functions for Methylene Blue Uptake on Activated Carbon Derived From Rice Hull" 11th International Conference on Chemistry and its Role in Development, April 11-16 (2011), Mansoura University, Egypt.

22. Fadali, O.A., Farrag, T.E., Hashiem, M.A. and Erfan, N.A.

"Galvanic Corrosion of Iron in Iron-Copper Double Tube in Saline Water Under Laminar Flow Forced Convection" Minia Journal of Engineering and Technology, (MJET) 30, 2, 20-27 (2011).

23. Fadali O.A., Ebrahiem E.E., Farrag T.E., Barakat N.A., Mahmoud M.S. and Obaid M.

"Effect of Magnetic Field on Rate of Copper Cementation onto Rotating Iron Cylinder." El-Minia Engineering Journal 30, 2, 28-36 (2011).

24. T.E. Farrag and M.M. Nassar.

"Kinetics and Process Design for Adsorption of Maxilon Red Dye from Aqueous Solutions Using Gas Mixing" 6th International conference on chemical and environmental Engineering, 29-31 May (2012) Military Technical College, Cairo, Egypt.

25. Mammdouh M. Nassar, Khairy M. Hassan, Taha E. Farrag, Shazly A. Aban and Hamdy A.A. Mohamed.

"Study The Effect of Addition Ammonium Thiocyanate Salt on Viscosity of Black Liquor From Kraft Pulping Process From Bagasse" 6th International conference on: New Role for the World Sugar Economy in Changed Political and Economic Environment, 10-13 November (2012) Aswan, Egypt.

26. **M.S. El-Geundi, M.M. Nassar, T.E. Farrag and M.H. Ahmed.**
"Removal of an Insecticide (methomyl) from Aqueous Solutions Using Natural Clay" Alexandria Engineering Journal, 51, 11-18 (2012).
27. **Mohamed S. Mahmoud, Taha .E. Farrag and Wael A. Mohamed.**
"Experimental and Theoretical Model for Water Desalination by Humidification-Dehumidification (HDH)" Procedia Environmental Sciences, 17, 503-512 (2013).
28. **M.S. El-Geundi, M.M Nassar, T.E. Farrag, and M.H. Ahmed.**
"Methomyl Adsorption onto Cotton Stalks Activated Carbon (CSAC): Equilibrium and Process Design" Procedia Environmental Sciences, 17, 630 – 639 (2013).
29. **O. A. Fadali1, E. E. Ebrahiem1, T. E. Farrag, M. S. Mahmoud1, M. Obaid1, and A. M. Nasser Barakat.**
"Enhancement of Mass Transfer Rate and Diminution of the Power Consumption of Copper Cementation Using Electromagnetic Field" Energy and Environment Focus, Vol. 2, pp. 1–6 (2013).
30. **N. A. M. Barakat & M. M. Nassar & T. E. Farrag & M. S. Mahmoud.**
"Effective Photodegradation of Methomyl Pesticide in Concentrated Solutions by Novel Enhancement of the Photocatalytic Activity of TiO₂ Using CdSO₄ Nanoparticles" Environ Sci Pollut Res DOI 10.1007/s11356-013-2027-9.
31. **O.A. Fadali, E.E. Ebrahiem, T.E. Farrag, M.S. Mahmoud, A.El-Gamil.**
"Treatment of Oily Wastewater Produced from Refinery Processes Using Adsorption Technique" Minia Journal of Engineering and Technology, (MJET) Vol. 32, No 1, (2013).
32. **Mohamed S. Mahmoud, Joseph Y. Farah, Taha E. Farrag.**
"Enhanced Removal of Methylene Blue by Electrocoagulation Using Iron Electrodes" Egyptian Journal of Petroleum, 22, 211–216 (2013).
33. **Taha E. Farrag, Mohamed S. Mahmoud and Wael Abdelmoez.**
"Experimental Validation for Two Stages Humidification- Dehumidification (HDH) Water Desalination Unit" Seventeenth International Water Technology Conference (IWTC), Istanbul, Turkey, November 5-7 (2013).
34. **M.S. El-Geundi, M.M Nassar, T.E. Farrag, M.S. Mahmoud, and M.H. Ahmed.**
"Kinetic Models for Uptake of Pesticide (Methomyl) From Aqueous Solutions Using Cotton Stalks Activated Carbon" International Water Technology Journal, IWTJ, Vol. 4- N.1, 112-121 (2014).
35. **Fadali, O.A, Ibrahim E.I., Farrag, T.E., Barkat N.A, and Abdelbasier A.M.**
"Electrochemical Process for Removal of an Organic Pesticide (Methomyl) Form Aqueous Solutions" Minia Journal of Engineering and Technology, Vol. 33 No.2 (2014).
36. **Emad A.M. Abdelghany, Taha E. Farrag and Nasse A.M. Barakat.**
"Study on Fluidization of 0.5µm Ultrafine and 8.0 µm Superfine Geldart-C Powders in a binary Mixture Circulating Fluidized Bed", Int. J. Energy Res. Vol. 36, 683-688 (2014).
37. **M. M. Nassar, T. E. Farrag, M. S. Mahmoud and S. Abdelmonem.**
"Morphology-Controlled CaCO₃ Nanostructures by Modified Co-Precipitation in Pulsed Mode", Applied Mechanics and Materials, Vols. 752-753, 148-153 (2015).
38. **Nasser A.M. Barakat, Enas Ahmed, Mohammad Ali Abdelkareem, T.E. Farrag, Saeed Al-Meer, Salem Al-Deyab, Khaled Elsaid, M.M. Nassar.**

“Ammonium phosphate as promised hydrogen storage material”, International Journal of Hydrogen Energy. 1-8 (2015).

39. **Farrag, T.E., Fadali, O.A., Ibrahim E.I, and Abdelbasier A.M.**
Pesticides Removal from Waste water by Electrocoagulation Technique Using Stainless Steel (SS-SS) Plate Electrodes” Mansoura Engineering Journal (MEJ), Vol. 40, No.4 (2015).
40. **Mohamed Z. Abd-Elwahhab, Taha E. Farrag, Joseph J. Farah, Hadeel A. Hosney.**
“Preparation of Activated Carbon by Thermal Decomposition of Waste Tires for Pollution Control” Minia Journal of Engineering and Technology, (MJET) Vol. 34, No.2 (2015).
41. **O. A. Fadali¹, M. Obaid, M. S. Mahmoud, T. E. Farrag, Kim TaeWoo, Kh.A. Khalil, and N.A.M. Barakat.**
"Copper Ion Cementation in Presence of a Magnetic Field" Chem. Eng. Technol. Vol 38, No. 3, 441–445 (2015).
42. **Farrag T.E., Abd-Elgwad M.A., Mahmoud H.S.**
"Electrocoagulation for Treatment of Oily Wastewater Produced From Petroleum Refinery Processes" Minia Journal of Engineering and Technology, (MJET) Vol. 34, No.1 (2015).
43. **Ahmed A. Maraie, Ali Ahmed M. Hassan, Mohamed Salah Hassan, Taha Ebrahim M. Farrag and Mamdouh M. Nassar.**
“An Investigation of Heat Transfer for Two-Phase Flow (Air-Water) in Shell and Tubes Heat Exchanger” International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5, No.1 (2016).
44. **Hadeel A. Hosney, Taha E. Farrag, Radwa A. Elsalamony, Mohamed Z. Abd-Elwahhab and Joseph J. Farah.**
“Activated Carbon Prepared from Waste Rubber Tire for Uptake of Fuchsin Acid Dye from Aqueous Solutions” The 6th International Conference on Solid Waste management, Kolkata, India. (2016).
45. **Ahmed A. Maraie, Ali Ahmed M. Hassan, Mohamed Salah Hassan, Taha Ebrahim M. Farrag and Mamdouh M. Nassar.**
“Simulation of Two-Phase Flow and Heat Transfer in Shell-Tubes Heat Exchanger” International Journal of Engineering Research and Development, Vol. 12, No.2 (2016).
46. **M.M. Nassar, K.M. Hassan, T.E. Farrag, S.A. Abd Elrahman, and H.A. Mohamed.**
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