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**Biographical sketch:**

(Academic Degrees-
Fellowships and
Associations)

PhD in chemical engineering

Publications:

1. Noha Yousef, Rania Farouq, Riham Hazzaa, " Adsorption kinetics and isotherms for the removal of nickel ions from aqueous solutions by an ion- exchange resin: Application of two and three parameter isotherm models ",Desalination and Water Treatment, December 2015
2. Hassan A. Farag, N. S. Yousef, and Rania Farouq "modeling and simulation of a hydrocracking unit" Journal of Engineering Science & Technology (JESTEC). Volume 11, Issue 8 (August 2016).
3. Abdelrhman A.Yacoub, Rania Farouq, Hassan A.Farag

“Modeling, simulation and optimization Of Dehydrogenation and Dehydrocyclization Reactions” International Journal of Chemical Engineering Research (SSRG-IJCER) volume 2 Issue2 July to Aug 2015.

4. R. Abu-Elella, M.E. Ossman, R. Farouq M. Abd-Elfatah, Used Motor Oil Treatment: Turning Waste Oil Into Valuable Products, IJCBS, 7(2015):57-67

5. Rania Farouq, N.S. Yousef, Equilibrium and Kinetics Studies of adsorption of Copper (II) ions on Natural Biosorbent, International Journal of Chemical Engineering and Applications (IJCEA, ISSN:2010-0221)

6. N.S. Yousef, Riham Hazzaa, Rania Farouq, Adsorptive Removal of Chromium (III) from aqueous solution using Cation-Exchange Resin: Development of an Empirical Model, IPCBEE, ISSN: 2010-4618

Academic Research interests:

Mathematical modelling