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Education

2019	Ph.D. , Physical Chemistry / Nanotechnology, Sep. 2019 Tanta university – Egypt. <i>Development of efficient reusable and environmentally friendly nanocatalysts for water treatment</i>
2005	Master of Science , Chemistry, Al-Balqa Applied University. <i>Isothermal reduction of heavy metal ions by titanium dioxide using photocatalytic reaction,</i>
2000	BSc. , Chemistry, Jerash Private University, Jerash, Jordan.

Work experience

2009 – now	Lecturer, Department of Chemistry, Faculty of Science, Al-Balqa Applied University, Al-Salt, Jordan.
2000 – 2009	Teacher of chemistry for high school students including Tawjeehi students. As-Salt privet school and Schools King Abdullah II Award for Excellence.

Research Interests

<i>Nanocoating:</i>	Preparation and characterization of thin conducting polymer films. The polymerization kinetics, spectra, conductivity and their potential applications of these films are considered.
<i>Nanocomposites:</i>	Nanocomposite of inorganic and organic materials /conducting polymers and their potential applications.
<i>Nanostructured conducting polymers</i>	Preparation and characterization of nanostructured conducting polymers such nanofibers, nanoparticles and nanotubes of conducting polymers.
<i>Environmental</i>	Application of nanostructured polymers for adsorbing and sensing pollutants from air and aqueous media. The isotherm and the kinetics of the adsorption are concerned.



Recent Publications

- 1 Al-saida, B., Amer, W. A., Kandyel, E. E., & Ayad, M. M. (2020). Enhanced dual catalytic activities of silver-polyaniline/titanium dioxide magnetic nanocomposite. *Journal of Photochemistry and Photobiology A: Chemistry*, 392, 112423.
 - 2 Amer, W.A., B. Al-saida, and M.M. Ayad, Rational design of a polypyrrole-based competent bifunctional magnetic nanocatalyst. *RSC Advances*, 2019. 9(32): p. 18245- 18255.
 - 3 Saida, B.M., et al., Liquid chromatographic method for the determination of Triprolidine. *Journal of chemical and Pharmaceutical Research*, 2014. 6(8): p. 327- 332.
 - 4 Saida, B.M., A.A. Abu-Yamin, and I. Saraireh, Synthesis of 2-{(Z)-[(4-methylphenyl) imino] methyl} phenol Schiff base. *Journal of Chemical and Pharmaceutical Research*, 2013. 5(12): p. 1537-1541
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