

DINA SA'ADI AHMED



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Brief description about your current position and the department you work in.

EXPERIENCE

12th Nov. 2018 – Till now

Doctor, Department of Medical Instrumentations Engineering

EDUCATION

Month Jan. Year 2018

Degree Title PhD., University: Tikrit

The thesis entitled: "Synthesis of New Materials and Polymeric Schiff Bases and Study Their Applications as Photostabilizers and Gas Storage"

Month Dec. Year 2012

Degree Title MSc, University: Tikrit

The thesis entitled: "Synthesis and Characterization of some new heterocyclic Schiff bases and the study of their metal ions selectivity complexes and Chelating Polymers"

Year 2008

Degree Title BSc, University: Tikrit

PUBLICATIONS

1. Alotaibi, M.H.; El-Hiti, G.A.; Hashim, H.; Hameed, A.S.; Ahmed, D.S.; Yousif, E. SEM analysis of the tunable honeycomb structure of irradiated poly(vinyl chloride) films doped with polyphosphate. *Heliyon*. **2018**, 4 (2018) e01013. doi: 10.1016/j.heliyon.2018. e01013.
2. Yousif, E.; Ahmed, D.S., El-Hiti, G.A.; Alotaibi, M.H.; Hashim, H.; Hameed, A.S.; Ahmed, A. Fabrication of Novel Ball-like Polystyrene Films Containing Schiff Base Microspheres as Photostabilizers *Polymers*. **2018**, 10, 1185; doi:10.3390/polym10111185.
3. Yousif, E.; Ahmed, D.S. Yusop, R.M.; Mohammed, S.A. Optical Properties of Modified Poly(vinyl chloride) by Schiff Base with Different Metals. *Applied Chemistry*. **2018**, 2. DOI: 10.31058/j.ac.2018.12004.
4. Ahmed, D.S.; Adil, H.; Yousif, E. Recent Development Issues in Nanotechnology for Gas Storage. *Arch Nano Op Acc J*. 1(5), **2018**.
5. Ahmed, D.S.; Hameed, A.S.; Yousif, E. Gas storage polymers. Book. **2018**, Lambert academic publishing.
6. Hashim, H.; El-Hiti, G.A.; Alotaibi, M.H.; Ahmed, D.S.; Yousif, E. Fabrication of ordered honeycomb porous poly(vinyl chloride) thin film doped with a Schiff base and nickel(II) chloride. *Heliyon*. **2018**, 4, e00743.
7. Jaafar, N.; Ahmed, D.S.; Alshanon, A.; Al-Saffar, A.Z., Yousif, E. Gold Nanoparticles Detection by Plants Extracts – A Review, *Science Letters*. **2018**, 12.
8. Haddad, R.; Ahmed, D.S.; Adil, H.; Ahmed, A.; Al-Dahhan, W.H.; Mohammed, S.; Yousif, E. Detection the Degradation of PS Thin Films Containing Triazole Complexes by FTIR Technique. *Orient. J. Phys. Sciences*. **2018**, 3, 53-57.
9. Ahmed, D.S.; El-Hiti, G.A.; Hashim, H.; Noaman, R.; Hameed, A.S.; Yousif, E. Physical and morphological properties of poly(vinyl chloride) films upon irradiation in the presence of tetra schiff bases as photostabilizers. *Arab J. Phys. Chem*. **2018**, 5.
10. Shaalan, N.; Laftah, N.; El-Hiti, G.A.; Alotaibi, M.H.; Muslih, R.; Ahmed, D.S.; Yousif, E. Poly(vinyl Chloride) photostabilization in the presence of schiff bases containing a thiadiazole moiety. *Molecules* **2018**, 23, 913.
11. Ahmed, D.S.; El-Hiti, G.A.; Yousif, E.; Ali A. A.; Hameed, A.S. Design and synthesis of porous polymeric materials and their applications in gas capture and storage: a review. *Journal of Polymer Research* **2018**, 25, 75.

12. Ghazi, D.; El-Hiti, G.A.; Yousif, E.; Ahmed, D.S.; Alotaibi, M.H. The effect of ultraviolet irradiation on the physicochemical properties of poly(vinyl Chloride) films containing organotin(IV) complexes as photostabilizers. *Molecules* **2018**, *23*, 254.
13. Ahmed, D.S.; El-Hiti, G.A.; Yousif, E.; Hameed, A.S. Polyphosphates as Inhibitors for Poly(vinyl Chloride) Photodegradation. *Molecules* **2017**, *22*, 1849.
14. Ahmed, D.S.; El-Hiti, G.A.; Hameed, A.S.; Yousif, E.; Ahmed, A. New tetra-Schiff bases as efficient photostabilizers for poly(vinyl chloride). *Molecules* **2017**, *22*, 1506.
15. Ahmed, D.S.; El-Hiti, G.A.; Yousif, E.; Hameed, A.S.; Abdalla, M. New eco-friendly phosphorus organic polymers as gas storage media. *Polymers* **2017**, *9*, 336.

MEMBERSHIP

- American Chemical Society
- American Oleo-Chemistry Society
- Iraqi Chemical Society



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