

السيرة الذاتية

الاسم : د. زينب نايف مجيد

تاريخ التعيين : (سنة 2001) في قسم الكيمياء / كلية العلوم / الجامعة المستنصرية

الشهادات و الالقاب :

1- حصل على شهادة البكالوريوس من الجامعة المستنصرية / كلية العلوم – قسم الكيمياء
(سنة 1998)

2- حصل على شهادة الماجستير في الكيمياء العضوية من الجامعة المستنصرية / كلية العلوم
– قسم الكيمياء (سنة 2001)

3- حصل على شهادة الدكتوراه في الكيمياء العضوية من الجامعة المستنصرية / كلية العلوم
– قسم الكيمياء (سنة 2007)

اللقب العلمي : حصل على مرتبة الاستاذ مساعد سنة 2011 , وحاليا يدرس طلبة المرحلة الثانية
وطلبة الماجستير

الدراسات العليا : اكمل الاشراف على (1) طلاب ماجستير, والان تشرف على طالب دكتوراه)

عدد البحوث المنشورة: 30 بحث

النشاطات العلمية :

1- الحصول على براءة اختراع سنة 2019

Curriculum Vitae

Name : Zainab Naeif Majeed

Date and Place of Brith : Diwanya 31-12-1976

Academic Title : Assistance Pffessor

General Specialization : Chemistry / physical chemistry

Major Specialization : Photochemistry of polymers and adsorption on
polymers

Place of work : University of Al-Mustansiriah, College of Science,
Department of Chemistry

Certificate :

- 1- **B.Sc. in Science of Chemistry** from University of Al-kuffa , College of Science (in year 1998)
- 2- **M.Sc. in physical Chemistry** (adsorption Chemistry) from University of Al-kuffa (in year 2001)
- 3- **Ph.D in physical Chemistry** (photochemistry of polymers) from University of Al-Mustansiriah (in year 2007) (Supervisors Prof. Dr. S.M.Aliwi and Prof. Dr. Tariq S.Najem)

Scientific activation :

1. I have knowledge in teaching different subjects in chemistry to all grades.
2. I worked in pharmacy and industrial research fields .
3. I completed computer course in materials Internet / Spss / Excel / Word / Windows / Ms-Dos (in year 2001) .
4. I completed English language course and I have English certificate (in year 1998).
5. I completed university teaching methods course (in year 2001).
6. I have international IC3 certificate in computer .

Positions and Work Experience

Position	Subject	Address	Period
Researcher Lecturer	Physical Chemistry and polymer chemistry	Unit of polymer research , College of Science, Al-Mustansiriya University	Since 2007
Supervising Lecturer	Physical Chemistry	Chemistry Department, College of Education, University of karblaa	2011- 2012
Supervising	Undergraduate and graduate Students	Chemistry Department, College of Science, Al-Mustansiriya University	Since 2007

Assistant Lecturer	Physical Chemistry	Chemistry Department, College of Science, University of karblaa	2003-2006
Lab Instructor	Physical Chemistry	Chemistry Department, College of Science, University of karblaa	2000-2002

Skills and Hobbies:

- Experience in analyzing 1D and 2D-NMR spectra.
- Excellent knowledge in photodegradation and biodegradation study of polymers and adsorption on polymers
- Excellent knowledge in UV, FTIR, Instrumentations.

References:

- **Abdul Hussain K. Sharba** (Professor of Organic Chemistry)
Address: Baghdad - Iraq
E-mail: hussain_sharba@yahoo.com
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- **Yousif Ali Al-Fattahi** (Professor of Bio-Organic Chemistry)
Address: USA
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- **Salah M. Aliwi** (Professor of Polymer Chemistry)
Address: Iraqi Cultural Attaché in Berlin
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Current work

- Our research is focused on photodegradation and biodegradation study of polymers and adsorption on polymers .
- modification and synthesis copolymers , study the optical properties and photodegradation with biodegradable for polymers
- Conformational study of bioactive molecules by **2D NMR** techniques (e.g. **COSY, ROSEY, TOSCY, HMQC, HMBC, HSQC**).

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Patients

أ.م.د. حامد هاشم محمد , أ.م.د. زينب نايف مجيد , تحضير مركبات الكرومين الملتحمة الجديدة (كمركبات دوائية) مشتقة من 2-امينو-4-(1-نفثاليل)-5-اوكتو-4- H 5 , H 4 – بايرانو [2 , 3 – c] كرومين – 3 – كاربونايتريل ودراسة فعاليتها ضد فايروس نقص المناعة البشرية الايدز HIV, 2019

Hamid H. Mohammed, Zainab N. Mageed, Synthesis New Fused Chromene Compounds (as drug compounds) Derived from 2-Amino-4-(1-naphthyl)-5-oxo-4*H*,5*H*-pyrano[3,2-*c*]chromene-3-carbonitrile and Study their Activities against HIV virus, 2019

Publications List:

2021

30- Fadhel R. Hafedh, Hamid H. Mohammed, Mohammad Abed. Alwahab Shaker-A'adhmi and **Zainab N. Mageed**, Synthesis and characterization of novel pyrimido [1,2-*a*]benzimidazole and its derivatives, al-mustansiriyah journal of science, 2021 (under press).

29- Abbas A. Mohammed , Hamid H. Mohammed, Mustafa T. and **Zainab N. Mageed**, Synthesis and biological activity of 2-(4,5-dihydro-1*H*-pyrazol-1-yl)-1,3-benzothiazole derivatives, journal of kufa for chemical sciences, 2021 (under press).

28- **Zainab N. Mageed** , Shrooq S. Kadhium, Wafaa F. Rodhan and Hamid H. Mohammed, Study of the photostabilization of polystyrene in the presence and absence of benzoxazin derivatives, Egyptian journal of chemistry, 2021, (under press).

27- Fadhel R. Hafedh, Hamid H. Mohammed and **Zainab N. Mageed**, Synthesis of fused dihydrobenzo [4,5]imidazo[1,2-*a*]pyrimido[5,4-*e*]pyrimidin-3(4*H*)-amine derivatives, Al-Qadisiyah Journal of Pure Science Vol.(26) Issue (Special issue num.4) (2021) pp. 34–43

2020

26- Basma Esam Jasim, **Zainab Naeif Majeed** and Zahraa S.al-Grawi, Nanochitosan grafting sodium alginate improve loading and release of the antibiotic "streptomycin", for drug release applications, first international scientific conference of pure science, University of al-Kufa, 2020, (under press)

25- **Zainab Naeif Majeed**, Hamid Hashim Mohammed, Rasha Moniem Dadoosh , Riyadh Mohammed Noaman and Zuhair Khudhair Abbas, Study the Drug Release for Gabapentin Drug Loaded on Natural Polymer, AIP Conference Proceedings 2213, 020054 (1-9), 2020

24- **Zainab N. Mageed**, Safana A. farhan, Rasha M. Dadoosh and Hamid H. Mohammed, Using spent tea residue to elimination of chromium in aqueous liquid, Journal of Physics: Conference Series, 2020, 1664(1), 012082

23- Shrooq S. Kadhium , Emad M. Hussien , **Zainab N. Mageed**, Asia H. Abed, and Hamid H. Mohammed, Study the Photo-degradation of poly styrene –co-butadiene in presence of Ni complex and TiO₂, The First International Conference of Pure and Engineering Sciences (ICPES2020) , IOP Conf. Series: Materials Science and Engineering **871** (2020) 012026, 1-12.

22- Hamid H. Mohammed , Zaizafoone N.Nasif, and **Zainab N. Mageed**, Synthesis and studies the microbiology activity for some thiophene derivatives, International Journal of Pharmaceutical Research, Volume 12(1), 709-715, 2020

2019

21- Abdulkadir Mohammed Noori Jassim, Mustafa Taha Mohammed, Safanah Ahmed Farhan, Rasha Moniem Dadoosh, **Zainab Naeif Majeed**, Ahmed Mutanabbi Abdula, Green Synthesis of Silver Nanoparticles Using *Carica Papaya* Juice and Study of their biochemical application, J. Pharm. Sci. & Res. Vol. 11(3), 2019, 1025-1034

20- Mohammed Hashim Abed Al Nabi, Hamid H. Mohammed, Ahmed Mutanbi Abdellah, **Zainab N. Mageed** and Ghazwan Ali Salman, Synthesis and Biological Evaluation of Fused Pyrrolo – Pyrano – Pyrimidine and Pyrrolo – Pyrano – Pyridine Derivatives, Journal of Pharmaceutical Sciences and Research (JPSR), vol. 11 (4), 1589-1594 , 2019.

19- **Zainab N. Mageed** , Hamid H. Mohammed and Thana M. Zayer, Abdulkadir M. Noori, Safanah A. farhan and Rasha M.Dadoosh. Study the photodegradation and biodegradation of p-cresol novolac (poly epoxy) in presence and absence of dibenzoylperoxide, IOP Conf. Series: Materials Science and Engineering **571**, (2019), 012088, 1-10

2018

18- Hamid H.Mohammed, ZaizafooneN.Nasif, **Zainab N. Mageed** and Ahmed S., "Synthesis and biological activities of new fused pyrimidine compound", Asian journal of chemistry, vol. 30, No. 3, 661-666, (2018)

2017

17- Ghazwan Ali Salman , Hamid H Mohammed , Ahmed Mutanabbi Abdula , **Zainab N. Mageed**, Comparative Study on Conventional and Ultrasound Irradiation Promoted Synthesis of 2, 3- Disubstitutedquinoxaline Derivatives, Al-Mustansiriyah Journal of Science, Volume 28, Issue 3,141-150, 2017

2014

16- Ebtihal Qhtan Abdullah, Olfat Abiad Nief, and **Zainab Naeif Majeed**, " Ultrasound Irradiated High-Speed Classical Synthesis and Biological Studies of Various N-Substituted Phthaloyl Derivatives", *Journal of Chemistry and Materials Research*, Vol.6, No.10, 25-35, (2014).

15- Ebtihal Qahtan Abdalla Rasheed Amal Qahtan Abdalla Rasheed, Olfat Abiad Nief and **Zainab Naeif Majeed**, "Synthesis and Study Properties Physical and Biological of Some Dihydrazone Derivatives", *Journal of Chemistry and Materials Research*, Vol.6, No.10, 17-24, (2014).

14- **Zainab Naeif Majeed** , Hamid Hashim Mohammed and safana ahmed farhan, " Study the photodegradation of hydroxypropyl cellulose in presence and absence of benzophenone and eosine dye", *Journal of Chemistry and Materials Research*, Vol 6, No 4, 18-25, (2014).

2013

13- Hamid H. Mohammed, **Zainab N.Mageed**, and Mahmood Najim, " Synthesis and biological activity study of 1-[4,5,6,7-tetrahydro-1,3-benzothiazol-(2-ylidiazenyl)]-2-naphthol complexes", *Journal of Chemical and Pharmaceutical Research*, 2013, 5(11):711-720.

12- **Zainab Naeif Majeed**, "Study the adsorption of lignin on surface of poly vinyl chloride, Journal of basic education, (2013) (accepted).

11- Zainab Naeif Majeed, Thana M. Zayer, Wael M. Hamud and Hamid H. Mohammed, " Study and comparison the photodegradation and biodegradation of poly vinylchloride in absence and presence alizarin dye and 2- (benzylidene) benzothiazole hydrazone - pd complex", *Al-Mustansiriyah Journal of Science*, Vol. 24, No. 1, 93-104, (2013).

2012

10- Zainab N.Majeed , " Investigation of optical properties of poly (vinyl chloride-co-vinyl acetate) in absence and presence of naphthaquinone", *Al-Mustansiriyah Journal of Science*, Vol. 23, No. 2, 19-28, (2012).

9- Hamid H. Mohammed , Zainab N.Majeed and Zuhair K.Abbas, " Investigation of optical properties of irradiated and unirradiated poly (vinyl chloride-co-vinyl acetate)", *Journal of Karblaa University*, Vol. 10, No. 1, 134-141, (2012).

8- Tariq S. Najem, Zainab Naeif Majeed , Thana M. Zayer and Hamid H. Mohammed, " Photostabilization and biodegradation of poly (vinyl alcohol) using water extract of pomegranate peel", *Iraqi polymer society*, Vol. 16, No. 3, 42-50, 2012.

2011

7- Hamid H. Mohammed, Zainab Naeif Majeed, and Istabraq M. Ali, " Synthesis and Studies The Biological Activity of New Azo Compounds", *Journal of Karblaa University*, Vol. 9, No.3,75-83, (2011).

6- Zainab N.Majeed , Salah M.A and Rasha A.D., " Adsorption of eosin Y dye on Iraqi clay", *Journal of Karblaa University*, Vol. 9, No. 3,171-178, (2011).

5- Salah M. Aliwi, Tariq S.Najim and Zainab N.Majeed, "Effect of aromatic compounds on the photodegradation and biodegradation of cellulose diacetate film", *Journal of Thi-qar Science*, 2011 , (under press).

2010

4- Salah M. Aliwi, Tariq S.Najim and Zainab N.Majeed, "Effect of 1,4-Naphthaquinone (NQ) and benzophenone (BPH) on the photodegradation and biodegradation of methyl cellulose film", *Baghdad Science Journal (Chemistry)*, Vol. 7 (1),737-744, 2010.

3- Hamid H. Mohammed, **Zainab Naeif Majeed** and Abeer Abd Al-razaq, "Photodegradation of methyl cellulose and cellulose triacetate in the presence of complexes of Cr (III) and Cu(II) with 2[(5-amino – 1,3,4 – oxadiazole-2-yl) oxy] ethanol", *Journal of college of Education*, Vol. 2, No. 1, 527-548, (2010) .

2- Hamid H. Mohammed and **Zainab Naeif Majeed**, "Photodegradation of poly (vinyl chloride-co-vinyl acetate) by some of aromatic carbonyl compounds", *Journal of college of Education*, No. 6 ,244-261 , 2010.

1- Hamid H. Mohammed, **Zainab Naeif Majeed**, Ahmed A.Ahmed, Quraish A.Kadhum and Zuhair K.Abbas, " Preparation and study the photodegradation of poly (styrene – co – acrylonitrile) and poly (butyl vinyl ether – co – acrylonitrile) in absence and presence benzophenone and naphthaquinone", *Conference of the college of science in Missan university*, 10-11 Nov., 210-223, (2010) .