

CURRICULUM VITAE

قسم الكيمياء



PERSONAL DATA:

First Name: Azal Middle Name shakir / Other Names: waheeb
Telephone Mobile: 07830791852
Telephone Office:
Email 1: Azilshker@mu.edu.iq
Marital Status: Married
Date of Birth: 23 / 1 / 1979
Gender: Female
Country of Origin: Iraq
Present Nationality: Iraqi
Languages and Fluency Level: Arabic, English

EDUCATION:

Degree Earned:- Assist Prof

BSc, Baghdad University, , Iraq (2001).

MSc, Al-Qadisiya University,, Iraq, (2013).

➤ عنوان الاطروحة

WORK HISTORY:

Job Title,

(KINETICS of PHOTOCHEMICAL DEGRADATION of AZURE DYES IN AQUEOUS SOLUTIONS by USING ADVANCED TECHNOLOGIES, (2013).

Supervision by:- Prof. Dr. Hassan A Alshamsi

Ph.D. Al-Qadisiya University Iraq, (2021).

عنوان الاطروحة

Synthesis, characterization and spectral study of some transition metal complexes with new Hetrocyclic azo dye ligands (N,N,O)derived from 2-amino-4,5- dimethyl thiazol and study of biological activity and pharmaceutical applications.

Supervision by:- Prof. Dr. Khalid J.Al-Adilee

TRAINING AND PROFESSIONAL DEVELOPMENT:

Courses Which You Teach

No.	Department	Subject	Year
1	Chemistry	Physical chemistry	Third
2	Chemical Engineering	Physical chemistry	Second

3	Chemistry	Photochemistry	Fourth
4	Biology	General Chemistry	First
5	Biology	Biochemistry	First
6	Chemistry	Inorganic Chemistry	First
7	Chemistry	Physical chemistry(Practical)	Second
8	Chemistry	Inorganic Chemistry(Practical)	Third
9	Chemistry	Advanced Inorganic Chemistry	Postgraduate students(M.Sc.)

Conferences in which you participated

No.	Conferences Title	Year	Place	Type of
1	The 3rd International Conference on Materials Engineering and Science	2020	United Kingdom	Share a search
2	Journal of Physics: Conference Series	2019	College of Science / Al-Qadisiya University	Share a search
3	Journal of Physics: Conference Series	2020	College of Science / Al-Qadisiya	Share a search
4	The 2nd National Conference of Chemistry	2016	Baghdad Science	Share a search
5	The seventh conference of the Al-Khwarizmi Society .	2021	Technical Institute - Mosul	Share a search
6	The 1st international scientific conference for pure sciences	2018	University of Babylon	Presence

7	The 2 nd National Coordination Conference for Chemical, Radiological and Nuclear Safety and Security.	2017	University of Babylon	Presence
8	3 rd Women's Scientific Conference .	2016	University of Baghdad .	Presence
9	The 1 st scientific conference, University of Al-Qadisiyah .	2017	College of Science / Al-Qadisiya	Presence

Awards and Certificates of Appreciation:

No.	Name of Awards and Certificates	Donor	Year
1	Certificates of Appreciation	University of Babylon	2017
2	Certificates of Appreciation	Technical Institute - Mosul	2021
3	Certificates of Appreciation	The 3 rd International Conference on Materials Engineering and Science .(Kuala Lumpur –Malaysia).	2020
4	An innovative method that provides the possibility of using thiazolylazo derivative (DMeTADMeP) and its complex with copper ion (II) as anti-cancer drugs .	Central Agency for Standardization and Control .	22/6/2021
5	An innovative method that provides the possibility of using thiazolylazo derivative (DMeTAMP) and its complex with manganese ion (II) as anti-cancer drugs .	Central Agency for Standardization and Control .	8/3/2021
6	An innovative method for preparing a thiazolyl azo compound (DMeTADMeA) and a complex with cobalt (III) ion and the possibility of using them as anti-breast cancer drugs.	Central Agency for Standardization and Control .	8/9/2021

7	An innovative method for the use of Azo –Schiff base (HL) and its complex with Nickel ion (II) as anti-liver cancer drugs .	Central Agency for Standardization and Control .	23/3/2022
8	An innovative method that provides the possibility of using thiazolylazo derivative (DMeTAHSA) as anti-cancer drugs	Central Agency for Standardization and Control .	2/6/2022
9	Preparation of Cobalt complex (III) with Thiazolyl azo Derivative and its Potential for Treatment of Prostate Cancer	Central Agency for Standardization and Control	16/3/2023

-Research Assistant, Samawa, Iraq,(Al-Muthanna University, Faculty of Science- Chemistry Science),(2003- 2011)

-Lecturer, Samawa, Iraq,(Al-Muthanna University, Faculty of Science, Chemistry Department, Physical Chemistry), (2016- 2020).

- Assist Prof , Samawa, Iraq,(Al-Muthanna University, Faculty of Science, Chemistry Department, Physical Chemistry), (2020- Present Time)

Research Projects in The Felid

1- Photocatalytic Degradation of Bleaching Some Organic Dyes with TiO₂ under direct Sun Light

2- Investigation of Degradation of Toluidine Blue and Rose Bengal Dyes from Aqueous Solution Using TiO₂ /UV

3- Photo Degradation of Methylene Blue in Aqueous Solution by Using Advanced Oxidation Process and Solar Irradiation.

4- Study of chemical oxygen demand (COD) and removal of azure B dye from aqueous solution by using advanced oxidation processes

5- REMOVAL OF DIRECT BLUE 71 DYE FROM AQUEOUS SOLUTION ON TO NATUREL FLINT CLAY.

6- Adsorption kinetics and thermodynamics of Azure C dye from aqueous solution onto activated charcoal .

7- Color Removal of Azor A Dye in Aqueous Solution by ZnO and Hydrogen Peroxide Under Solar Irradiation .

8- Preparation, spectroscopic and anticancer studies of metal antibiotic Chelation Ni(II), Cu(II) and Zn(II) 4,5-dimethyl Thiazolylazo complexes .

9- Synthesis of new heterocyclic 1,4-bis(2-phenyl-2,3-dihydrobenzo-1,3-oxazepine-4,7-dione)benzene .

10- Synthesis, characterization and antimicrobial activity studies of new heterocyclic azo dye derived from 2-amino- 4,5- dimethyl thiazole with some metal ions .

11- Myristica fragrans Shells as Potential Low Cost Bio-Adsorbent for the Efficient Removal of Rose Bengal from Aqueous Solution: Characteristic and Kinetic Study .

12- Equilibrium isotherms, kinetics, and thermodynamics studies of methylene blue adsorption on pomegranate (*Punica granatum*) peels as a natural low-cost biosorbent .

13- Synthesis, spectral characterization, lethal dose (LD50) and acute toxicity studies of 1,4-Bis(imidazolylazo)benzene (BIAB) .

14- Comparative between different Natural Sources of Activated Carbon for the Removal Reactive Green Dye from Aqueous Solution .

15- Cancer stages and demographical study of HPV16 in gene L2 isolated from cervical cancer in Dhi-Qar province, Iraq .

16- SPECTROPHOTOMETRIC INVESTIGATION OF THYMOL BY UTILIZE OF OXIDATIVE COUPLING REACTION IN DIFFERENT SAMPLES OF MOUTH WASHES .

17- Recent advances in the synthesis of zirconium complexes and their catalytic applications .

18- Metal complexes of a new azo ligand 2-[2'-(5-nitrothiazolyl) azo]-4-methoxyphenol (NTAMP): Synthesis, spectral characterization, and theoretical calculation .

19- Spectroscopic, characterization and bioactivity studies of new Ni (II), Cu (II) and Ag (I) complexes with didentate (N,N) donor azo dye ligand .

20- Synthesis, characterization, cytotoxic, and computational studies of new complexes (copper and cadmium).

21- Synthesis, characterization, medical activity, and docking prediction of new heterocyclic Azo-Schiff base ligand derived from 2-Amino-5-methyl thiazol and Cr(III), Ni(II), and Cu(II) metal ions .