

السيرة الذاتية



الاسم: شيماء رجب باقر

التخصص: الكيمياء اللاعضوية

اللقب العلمي: استاذ مساعد

البريد الإلكتروني: shamaa.ail@yahoo.com

الشهادات العلمية:

1 -البكلوريوس من كلية التربية للبنات \ جامعة بغداد سنة 2002

2 -الماجستير من كلية العلوم للبنات \ جامعة بغداد سنة 2008

3 -الدكتوراه من كلية العلوم للبنات \ جامعة بغداد سنة 2019

مجال التدريس

الدراسة الاولية

الكورسات التي قمت بتدريسها

1-الكيمياء اللاعضوية- النظري \ المرحلة الاولى

2-الكيمياء اللاعضوية- العملي \ المرحلة الثانية

3-الكيمياء التناسقية -العملي \ المرحلة الثالثة

4-الكيمياء التحليلية -العملي \ المرحلة الاولى

5-الكيمياء العامة -العملي \ المرحلة الاولى

6-الكيمياء الحاسوبية -العملي والنظري \ المرحلة الثانية

الاهتمامات البحثية :

المشاركة في عدد من المؤتمرات المحلية بصفة باحث او بصفة حضور

البحوث المنشورة:

1-Preparation and Structural Studies of new Metal Complexes with 2-N(4- N,N- dimethyl benzyliden) 5 - (p- methoxy phenyl)- 1,3,4-thiodiazole, Ibn Al-Haitham Journal For Pure And Applied Science,2009,22(3):159-175.

2-Synthesis, Structural Study and Theortical Treatment of New Some Metal Complexes with 2-hydroxy-4-nitro Phenyl 2-N(4-N,N dimethyl) Benzyliden, Al-Mustansiriyah Journal of Science,2010,21(2):41-56.

3- Synthesis, structural study and antibacterial activity of some new complexes with 2-N(4-N,N-dimethyl benzyilden)-5-(P-iodo phenyl)-1,3,4-thiadiazole with Cr (III), Mn (II), and Cd (II) ions, Al-Nahrain J.of Science.2010,13(2).

4-Synthesis, Characterization and Antimicrobial Studies of complexes of Some Metal Ions with 2-[2-Amino-5- (3,4,5-Trimethoxy-benzyl)-Pyrimidinyl-4-azo]-4- Bromo-Phenol. International Journal of Basic & Applied Sciences IJBAS-IJENS.2012 12 (06): 58-67.

5-Synthesis, Characterization and Theoretical Study of Some Metal Ions with Mixed ligands, مجلة كلية التربية الاساسية -الجامعة المستنصرية: 2012.18(75) :147-158.

6-Synthesis, Spectral Study and Biological Activity of Some Metal Ions Complexes with Bidentate Ligands. J.of Al-Nahrain University.2012, 15(3):30-42.

7-Synthesis, Structural Studies of Some New Transition Metals Complexes of Semicarbazide hydro chloride Schiff Base Derivatives.Baghdad Science J.2013, 10(3),583-596.

8- Synthesis and Characterization of the Complexes of Some 2-methyl-4-iso propylidene oxazol-5-one. J. of Kerbala University Scientific, 2013. 11 (4) :204-214.

9-Synthesis and Characterization of Mixed Ligands of Dithizone and Schiff Base Complexes with Selected Metal Ions,Diyala J.for Pure Science .2013,9(2):82-95.

10-Synthesis and Theoretical Study of 4-(2-methyl-4-oxoquinazoline-3(4H)-yl) Benzoic acid with Some Transition Metal Ions,Baghdad Science J.2013.10(3):437-546.

11-Antimicrobial Activity of Some 1,3,4-Thiadiazole Metal Complexes, Al-Nahrain J.of Science.2014,17(2).

12- Cloud Point Extraction spectrophotometric Determination of Iron by SALEN as Reagent in Some Environmental in Iraq. Online International Interdisciplinary Research Journal.2014.4:37-45.

13-Preparation, spectral characterization, structural study, and evaluation of antibacterial activity of Schiff base complexes for VOII, CrIII, MnII, ZnII,CdII and CeIII. Baghdad Science J .2015,12(2):350-361.

14- Synthesis, Spectral Studies, and Theoretical Treatment of some New Metal Complexes with Tridentate Ligand (Schiff and Mannich Base),Baghdad Science J.2016,13(2):340-351.

15- Synthesis, Physico-Chemical Characterization, and Cytotoxicity Assay of Mannich Base Derivatives with Heavy Metal Ions on RAW 264.7 Cell Line, Journal of Global Pharma Technology.2017,12(9):302-313.

16- Synthesis, Spectroscopic Characterization and in Vitro Cytotoxicity Assay of Morpholine Mannich Base Derivatives of Benzimidazole with Some Heavy Metals, Al-Nahrain J.of Science.2018,21(3).

17- Synthesis, Characterization And Computational Studies Of Mannich Base Ligands And Their Metal Complexes Vo (II), Co (II), Ni (II) And Cu (II). Research Journal of Pharmaceutical Biological and Chemical Sciences. 2018 .9(5):877-90.

Curriculum Vitae

Name: Shaimaa Rajab Bakir

Specialization: Inorganic Chemistry

Scientific Degree: Assistant Professor

E-mail: Shamaa.ail@yahoo.com

Scientific Certification:-

1. **B.Sc.** College of Education for women\ University of Baghdad (2002).
2. **M.Sc.** in Inorganic Chemistry \College of Science for Women\ University of Baghdad (2008).
3. **Ph.D.** in Inorganic Chemistry \College of Science for Women\University of Baghdad (2019).

Courses Teaching:

Undergraduate

Inorganic Chemistry

Inorganic Chemistry –practical.

Coordination Chemistry-practical .

Analytical Chemistry-practical.

General chemistry-practical .

Computer science-practical and theoretical.

Work History

- ❖ **Assistant chemical in** Chemistry Department, College of Science for Women, University of Baghdad 2002-2008.
- ❖ **Assistant lecturer in** Chemistry Department, College of Science for Women, University of Baghdad 2008-2011.
- ❖ **Lecturer in** Chemistry Department, College of Science for Women, University of Baghdad 2011-2016.

Assistant Professor: in Chemistry Department, College of Science for Women, University of Baghdad 2016-present.

Publications:-

1-Preparation and Structural Studies of new Metal Complexes with 2-N(4- N,N- dimethyl benzyliden) 5 - (p- methoxy phenyl)- 1,3,4-thiodiazole, Ibn Al-Haitham Journal For Pure And Applied Science,2009,22(3):159-175.

2-Synthesis, Structural Study and Theoretical Treatment of New Some Metal Complexes with 2-hydroxy-4-nitro Phenyl 2-N(4-N,N dimethyl) Benzyliden, Al-Mustansiriyah Journal of Science,2010,21(2):41-56.

3- Synthesis, structural study and antibacterial activity of some new complexes with 2-N(4-N,N-dimethyl benzyilden)-5-(P-iodo phenyl)-1,3,4-thiodiazole with Cr (III), Mn (II), and Cd (II) ions, Al-Nahrain J.of Science.2010,13(2).

4-Synthesis, Characterization and Antimicrobial Studies of complexes of Some Metal Ions with 2-[2-Amino-5- (3,4,5-Trimethoxy-benzyl)-Pyrimidinyl-4-azo]-4- Bromo-Phenol. International Journal of Basic & Applied Sciences IJBAS-IJENS.2012 12 (06): 58-67.

5-Synthesis, Characterization and Theoretical Study of Some Metal Ions with Mixed ligands, مجلة كلية التربية الاساسية –الجامعة المستنصرية: 2012.18(75):147-158.

6-Synthesis, Spectral Study and Biological Activity of Some Metal Ions Complexes with Bidentate Ligands. J.of Al-Nahrain University.2012, 15(3):30-42.

7-Synthesis, Structural Studies of Some New Transition Metals Complexes of Semicarbazide hydro chloride Schiff Base Derivatives.Baghdad Science J.2013, 10(3), 583-596.

8- Synthesis and Characterization of the Complexes of Some 2-methyl-4-iso propylidene oxazol-5-one. J. of Kerbala University Scientific, 2013. 11 (4) :204-214.

9-Synthesis and Characterization of Mixed Ligands of Dithizone and Schiff Base Complexes with Selected Metal Ions, Diyala J. for Pure Science .2013,9(2):82-95.

10-Synthesis and Theoretical Study of 4-(2-methyl-4-oxoquinazoline-3(4H)-yl) Benzoic acid with Some Transition Metal Ions, Baghdad Science J.2013.10(3):437-546.

11-Antimicrobial Activity of Some 1,3,4-Thiadiazole Metal Complexes, Al-Nahrain J. of Science.2014,17(2).

12- Cloud Point Extraction spectrophotometric Determination of Iron by SALEN as Reagent in Some Environmental in Iraq. Online International Interdisciplinary Research Journal.2014.4:37-45.

13-Preparation, spectral characterization, structural study, and evaluation of antibacterial activity of Schiff base complexes for VOII, CrIII, MnII, ZnII, CdII and CeIII. Baghdad Science J .2015,12(2):350-361.

14- Synthesis, Spectral Studies, and Theoretical Treatment of some New Metal Complexes with Tridentate Ligand (Schiff and Mannich Base), Baghdad Science J.2016,13(2):340-351.

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