

## Assoc. Prof. HALİME GÜZİN ASLAN

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAL-9443-2021

ScopusID: 40461167000

Yoksis Researcher ID: 135462

### Education Information

Doctorate, Gazi University, Fen Edebiyat Fakültesi, Kimya Anorganik Kimya, Turkey 2002 - 2008

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Çeşitli Sülfonamit Türevleri ve Bunların Bazı Geçiş Metal Komplekslerinin Sentezi, Antimikroiyal Etkilerinin İncelenmesi, Gazi Üniversitesi, Kimya, 2008

Postgraduate, Sb2O3-PbO Sistemlerinin İncelenmesi, Erciyes University, Fen Bilimleri Enstitüsü, -, 1994

### Research Areas

Chemistry, Inorganic Chemistry, Coordination Chemistry, Natural Sciences

### Academic Titles / Tasks

Other, Erciyes University, Fen Fakültesi, Kimya, 1990 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. New sulfonyl hydrazones and their Pd(II) complexes: synthesis and cytotoxic activities in the MDA-MB-231 cell line  
ASLAN H. G.  
CHEMICAL PAPERS, vol.76, no.3, pp.1413-1421, 2022 (SCI-Expanded)

- II. **Investigation of chemical activity, SCHIFF base reactions and staining effects of some amino acids by spectrophotometric and theoretical methods**  
ASLAN H. G., KUŞÇULU N.  
Journal of the Indian Chemical Society, vol.99, no.2, 2022 (SCI-Expanded)
- III. **Synthesis, characterization and theoretical studies of N'-(4-methoxybenzylidene)benzenesulfonohydrazide**  
ASLAN H. G., Aydin L.  
Journal of the Chemical Society of Pakistan, vol.43, no.2, pp.212-226, 2021 (SCI-Expanded)
- IV. **New Schiff Bases Based on 1-Aminopyrimidine-2-(1H)-one: Design, Synthesis, Characterization and Theoretical Calculations**  
Kökbudak Z., Aslan H. G., Akkoç S.  
Heterocycles, vol.100, pp.440-449, 2020 (SCI-Expanded)
- V. **Synthesis, Structural Characterization and DTA/TG Studies of a Schiff Base**  
ASLAN H. G.  
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2017 (SCI-Expanded)
- VI. **Some Novel Phases in Binary System of PbO-Sb2O3**  
Aslan H. G.  
ASIAN JOURNAL OF CHEMISTRY, vol.26, no.18, pp.5991-5994, 2014 (SCI-Expanded)
- VII. **Aromatic sulfonyl hydrazides and sulfonyl hydrazone: antimicrobial activity and physical properties**  
ASLAN H. G., Karacan N.  
MEDICINAL CHEMISTRY RESEARCH, vol.22, no.3, pp.1330-1338, 2013 (SCI-Expanded)
- VIII. **Synthesis, Characterization and Antimicrobial Activity of a New Aromatic Sulfonyl Hydrazone Derivative and Its Transition Metal Complexes**  
ASLAN H. G., Karacan N., ASLAN E.  
JOURNAL OF THE CHINESE CHEMICAL SOCIETY, vol.60, no.2, pp.212-217, 2013 (SCI-Expanded)
- IX. **ENRICHMENT AND REMOVAL OF IRON (II), COPPER (II) AND STRONTIUM (II) IONS WITH SULFONAMIDES ON ACTIVATED CARBON IN ENVIRONMENTAL SAMPLES AND DETERMINATION BY ICP-OES ANALYSIS**  
Karacan M. S., Aslantas N., ASLAN H. G.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.20, no.5, pp.1167-1173, 2011 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Cytotoxic Activity Evaluation of Three New Metal Complexes**  
Aslan H. G., Akkoç S., Kökbudak Z.  
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.14, no.1, pp.306-313, 2021 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Evaluation of Staining Ability of Punica Granatum Flower Extract on Rat Different Studies**  
ASLAN H. G., KUŞÇULU N.  
II. International Scientific and Vocational Studies Congress, Nevşehir, Turkey, 5 - 08 July 2018
- II. **"Synthesis of The new Schiff base and its complex and Characterization"**  
DEVİM M., ASLAN H. G., KÖKBUDAK Z.  
2nd International Scientific and Vocational Studies Congress, BILMES CONGRESS 2018, Nevşehir, Turkey, 5 - 08 July 2018
- III. **A New Dimethylacetylenedicarboxylate(DMAD) Derivative and Its Cu(II) Complex**  
ASLAN H. G., Çağlar Yavuz S., Sarıpinar E.

- II. Inrenational Scientific and Vocational Studies Congress, Nevşehir, Turkey, 5 - 08 July 2018
- IV. "Ag(I) AND Ni(II) COMPLEXES: SYNTHESIS, CHARACTERIZATION AND CYTOTOXIC ACTIVITIES"  
Akkoç S., ASLAN H. G., KÖKBUDAK Z.  
UMTEB-3, 3RD International Congress ON VOCATIONAL and TECHNICAL SCIENCES, Gaziantep, Turkey, 21 - 22 June 2018
- V. "Catalytic activity of 1-(2-hydroxybenzylideneamino)-5-(4-methylbenzoyl)-4-(4-methylphenylpyrimidin)-2(1H)-one"  
Akkoç S., ASLAN H. G., KÖKBUDAK Z.  
UMTEB-3, 3RD International Congress ON VOCATIONAL and TECHNICAL SCIENCES, Gaziantep, Turkey, 21 - 22 June 2018
- VI. "1-Aminopirimidin-2(1H)- On Temelli Yeni Schiff Bazlarının Sentez Ve Konformer Analizi Çalışmaları"  
ASLAN H. G., KÖKBUDAK Z.  
UMTEB-3, 3RD International Congress ON VOCATIONAL and TECHNICAL SCIENCES, Gaziantep, Turkey, 21 - 22 June 2018
- VII. "Structural Characterization DTA/TG and Gaussian Studies of a New Schiff Base"  
ASLAN H. G., KÖKBUDAK Z.  
International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 26 - 27 April 2018
- VIII. "The novel Manganese (II) Complex", International Eurasian Conference on Biological and Chemical Sciences,  
KÖKBUDAK Z., ASLAN H. G.  
International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 26 - 27 April 2018
- IX. The Novel Manganese Complex  
ASLAN H. G., KÖKBUDAK Z.  
International Eurasian Conference on Biolgical And Chemical Sciences, Ankara, Turkey, 26 - 27 April 2018, pp.735
- X. Synthesis of 1-(2-Hydroxybenzylideneamino)-5-(4-methylbenzoyl)-4-(4-methylphenylpyrimidin)-2(1H)-one and Its Ni Complex  
ASLAN H. G., KÖKBUDAK Z., İLHAN I. Ö., AKKOÇ S.  
International Conference on Innovations in Natural Science and Engineering (ICINSE 2018), Famagusta, Cyprus (Kktc), 3 - 06 January 2018, pp.0-139
- XI. Extraction of Natural Histological Dye from red Cabbage(*Brassica Oleraceae*) and investigation of its staining property on the onion Root cell  
Kuşçulu N., ASLAN H. G.  
International Conference on technology, engineering and Science, 26 - 29 October 2017
- XII. INVESTIGATION OF REACTIONS OF AMINO PYRIMIDINE DERIVATIVES WITH SOME ACYL AND ALKYL HALIDES  
Çimen Z., ASLAN H. G., KÖKBUDAK Z.  
INTERNATIONAL SCIENTIFIC AND VOCATIONAL STUDIES CONGRESS, Nevşehir, Turkey, 5 - 08 October 2017, pp.260
- XIII. "N'-(3,4-DİMETOKSİBENZİLİDEN)-N-METİL BENZENSÜLFONİL HİDRAZİN",  
ASLAN H. G., KÖKBUDAK Z., Çimen Z.  
I. International Scientific and Vocational Studies Congress,, Nevşehir, Turkey, 5 - 08 October 2017, pp.261
- XIV. N'-(3,4-Dimetoksibenziliden)-N-Metilbenzensülfonil Hidrazin  
ASLAN H. G., KÖKBUDAK Z., ÇİMEN Z.  
1. International Scientific and Vocational Studies Congress, 5 - 08 October 2017
- XV. Investigations of Reactions of Amino Pyrimidine Derivatives with some Acyl and Alkyl Halides  
ÇİMEN Z., ASLAN H. G., KÖKBUDAK Z.  
I. International Scientific and Vocational Studies Congress, Nevşehir, Turkey, 5 - 08 July 2017
- XVI. 1-(( 3-HYDROXYNAPHTALEN-2-YL)METHYLENEAMINO)-5-(4- METHYL BENZOYL)-4-P-TOLYL PYRIMIDIN-2(1H)-ONE and ITS TRANSITION METAL COMPLEXES,  
ASLAN H. G., KÖKBUDAK Z., KARMAÇ F.

- VI. Ulusal Anorganik Kimya Kongresi, Burdur, Turkey, 18 - 21 May 2017, pp.60
- XVII. **Investigation of Schiff Base Reactions Effect on cell and amino acids staining with Brassica oleraceae extact by FT-IR spectrophotometric Analysis**  
ASLAN H. G., Kuşçulu N.  
ecology 2017, 11 - 13 May 2017
- XVIII. **Synthesis, Structural Charectirazion and DTA/TG Studies of a schiff base**  
ASLAN H. G.  
ecology 2017, 11 - 13 May 2017
- XIX. **Essential oil production and antimicrobial activity studies of cinnamon plants**  
ASLAN H. G., KUŞCULUO N., ÖZTÜRK KÜP F.  
I. INTERNATIONAL CONGRESS ON MEDİCİNAL AND AROMATİC PLANTS" NATURAL AND HEALTHY LIFE"  
TABKON2017, Kayseri, Turkey, 11 - 13 May 2017
- XX. **5-(4-Methylbenzoyl)-4-p-tolyl-1-(3,4,5-trimethoxybenzylideneamino)pyrimidin-2(1h)-one and it's Antimicrobial Properties**  
ASLAN H. G., AKKOÇ S., KÖKBUDAK Z., İLHAN I. Ö., GÖK Y.  
XXXIV GEQO Congress, Girona, Spain, 7 - 09 September 2016
- XXI. **'1-(4-Methoxybenzylideneamino)-5-(4-methylbenzoyl)-4-p-tolylpyrimidin-2(1h)-one and its Catalytic Activity Properties**  
ASLAN H. G., AKKOÇ S., KÖKBUDAK Z., İLHAN I. Ö., GÖK Y.  
XXXIV GEQO Congress, Girona, Spain, 7 - 09 September 2016
- XXII. **5 4 Methylbenzoyl 4 p toyl 1 3 4 5 trimetothoxybenzylideneamino pyrimidin 2 1H one and its antimicrobial properties**  
ASLAN H. G., AKKOÇ S., KÖKBUDAK Z., İLHAN İ. Ö., GÖK Y.  
XXXIV. GEQO Congress ORGANOMETALLİK GROUP, Gerona, Spain, 7 - 09 September 2016
- XXIII. **Catalytic Activity in carbon carbon bond forming reactions of peppsi Pd NHC type N heterocyclic carbene complexes**  
AKKOÇ S., İLHAN İ. Ö., KÖKBUDAK Z., GÖK Y., ASLAN H. G.  
XXXIV. GEQO CONGRESS, Gerona, Spain, 7 - 09 September 2016
- XXIV. **ÇEŞİTLİ GEÇİŞ METALLERİNİN SCHIFF BAZI KOMPLEKSLERİ-SENTEZ KARAKTERİZASYON VE KATALİTİK AKTİVİTE**  
ASLAN H. G., AKKOÇ S., KÖKBUDAK Z.  
V. Ulusal Anorganik Kimya Kongresi, Mersin, Turkey, 22 - 25 April 2015, pp.102
- XXV. **Çeşitli Geçiş Metallerinin Schiff Bazı Kompleksleri Sentez Karakterizayon ve Katalitik Aktivite**  
ASLAN H. G., AKKOÇ S., KÖKBUDAK Z.  
V. Ulusal Anorganil Kimya Kongresi, Turkey, 22 - 25 April 2015
- XXVI. **"Synthesis, Structural Characterization and Catalytic Activitiy of Some Schiff Bases "**  
ASLAN H. G., KARATAŞ H., KÖKBUDAK Z.  
International Symposium on Molecular Chemistry, İstanbul, Turkey, 18 - 19 December 2014, pp.119
- XXVII. **Synthesis Structural Charactyerization and Catalytic Activity of Some Schiff Bases**  
ASLAN H. G., KARATAŞ H., KÖKBUDAK Z.  
International Symposium on Molecular Chemistry, 18 - 19 December 2014
- XXVIII. **Schiff Bazları: Sentezleri, Karakterizasyonu Ve Suzuki-Miyaura Eşleşme Tepkimelerinde Katalitik Aktivite Çalışmaları**  
ASLAN H. G., AKKOÇ S., KÖKBUDAK Z., Gök Y.  
IV. Fiziksel Kimya Kongresi,, Denizli, Turkey, 5 - 08 June 2014, pp.65
- XXIX. **Schiff Bazları Sentezleri Karakterizasyonu ve Suzuki Miyaura Eşleşme tepk melerinde Katalitik Aktivite Çalışmaları**  
ASLAN H. G., AKKOÇ S., KÖKBUDAK Z., GÖK Y.  
IV Fiziksel Kimya Kongresi, Turkey, 5 - 08 June 2014
- XXX. **Synthesisi and Crystal Structure of 4 Methylbenzene 1 E 6 Hydroxycyclohexa 1 4 dien 1 yl amino 5 4 methylbenzoyl pyrimidi 2 1H one**

- ASLAN H. G., ATİOĞLU Z., AKKURT M., ÖZDEMİR N., KÖKBUDAK Z.  
4 th National Cyrystallografic Meeting with International Participation, Turkey, 17 - 19 May 2014
- XXXI. **Synthesis and Crystal Structure of 4- Methylbenzene-1-((E)-((6-Hydroxycyclohexa-1,4-dien-1-yl)methylidine) amino)-5-(4-methylbenzooyl) pyrimidin-2(1H)-one**  
ASLAN H. G.  
ath National Crystallographic Meeting, Diyarbakır, Turkey, 17 - 19 May 2014, pp.70
- XXXII. **1 2 hidroksinaftil metilen amino 5 4 metil benzoil 4 4 metil fenil pirimidin 2 1H tiyon bazın geçişmetal kompleksleri ve antimikrobiyal etkileri**  
ASLAN H. G., KÖKBUDAK Z.  
25. Ulusal Kimya Kongresi, Turkey, 27 June - 02 July 2011, vol.23, pp.2596-2607
- XXXIII. **1 2 hidroksifenil metilen amino 5 4 metil benzoil 4 4 etil fenil pirimidin 2 1H tiyon bazın geçişmetal kompleksleri ve antimikrobiyal etkileri**  
ASLAN H. G., KÖKBUDAK Z.  
III. Ulusal Anorganik Kimya Kongresi, Turkey, 19 - 22 May 2011, vol.23, pp.2596-2607
- XXXIV. **Preparation of Various Schiff Bases and Their Catalytic Activities**  
ASLAN H. G., AKKOÇ S., KÖKBUDAK Z., GÖK Y.  
5th National Catalysis Conference, Turkey, 23 - 26 April 2014
- XXXV. **Reactions Of Some Pyrimidine Derivatives with Chloroacetylchloride**  
çimen z., önal z., ilhan i. ö., ASLAN H. G.  
44th World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013, pp.783
- XXXVI. **Reactions of Some Pyrimidine Derivatives with Chloroacetylchloride**  
ÇİMEN Z., KÖKBUDAK Z., İLHAN İ. Ö., ASLAN H. G., YALÇIN E.  
44th World Chemistry Congress, 11 - 16 August 2013
- XXXVII. **“Büyüülü Bileşikler: Kompleksler”**  
ASLAN H. G., KÖKBUDAK Z.  
Kromatografi Kongresi, Bursa, Turkey, 19 - 22 June 2013
- XXXVIII. **2 hidroksi 1 naftaldehit benzensülfonil 1 metil hidrazon ligandı ve Nikel II kompleksinin spektroskopik davranışlarının incelenmesi**  
ASLAN H. G., ÖZPOZAN N., KARACAN N.  
XI. Ulusal spektroskopi kongresi, Turkey, 23 - 26 June 2009, vol.60, pp.212-217
- XXXIX. **Reactions of Some Pyrazole 3 Carboxyclic Acid Chlorides with Various Urea**  
ÇADIR M., İLHAN İ. Ö., KÖKBUDAK Z., ASLAN H. G., Demirkol K.  
7 th Eurasian Meeting on Heterocyclic Chemistry, 17 - 21 June 2012
- XL. **Thermal Studies and decomposition reactions of a novel ligant and its some novel complexes**  
ASLAN H. G.  
7th eurasian meeting on heterocyclic chemistry, İstanbul, Turkey, 17 - 21 June 2012, pp.25
- XLI. **1-(2-Hidroksifenil Metilen Amino)-5-(4- Metil Benzoil-4- 4-etil Fenil Pirimidin)- 2(1H)- Tiyon Bazı Geçiş Metal Kompleksleri ve Antimikrobiyal Etkileri**  
ASLAN H. G.  
III. Ulusal Anorganik Kimya Kongresi, Çanakkale, Turkey, 19 - 22 May 2011, pp.174
- XLII. **2-hidroksi-1-naftaldehit benzensulfonil-1-metilhidrazon'un bazı geçiş metal kompleksleri ve antimikrobiyal etkilerinin incelenmesi**  
ASLAN H. G., ÖZCAN S., KARACAN N.  
II. Ulusal Anorganik Kimya Kongresi, Elazığ, Turkey, 16 - 19 May 2009, pp.102
- XLIII. **Pb-Sb-O Sistemindeki Fazların Sentezlenmesi**  
ASLAN H. G.  
VIII, K,mya ve Kimya Mühendisliği Sempozyumu, İstanbul, Turkey, 7 - 11 September 1992, pp.55

## **Supported Projects**

ASLAN H. G., ÖNAL Z., ÖZCAN S., Project Supported by Higher Education Institutions, 1-AMİNO-5-(4-METİLBENZOİL)-4-(4-METİLFENİL)-1H-PİRİMİDİN-2-ON /- TİYON BİLEŞİKLERİNDEN ELDE EDİLEN SCHİFF BAZI TÜREVLERİNİN GEÇİŞ METAL KOMPLEKSLERİ VE ANTİMİKROBİYAL AKTİVİTELERİ., 2009 - 2011

## **Memberships / Tasks in Scientific Organizations**

Kristallografi Derneği, Member, 2010 - Continues

## **Scientific Refereeing**

Drugs of the Future, SCI Journal, January 2016

Turkish Journal of Chemistry, National Scientific Refreed Journal, April 2014

Medicinal Chemistry Research, SCI Journal, March 2014

medicinal chemistry research, SCI Journal, December 2013

Medicinal Chemistry Research, SCI Journal, June 2013

Medicinal Chemistry Research, SCI Journal, December 2012

Medicinal Chemistry Research, SCI Journal, June 2012

Europen Journal of medicinal Chemistry, SCI Journal, June 2012

Europen Journal of medicinal Chemistry, SCI Journal, February 2012

Medicinal Chemistry Research, SCI Journal, February 2012

Europen Journal of medicinal Chemistry, SCI Journal, February 2012

Europen Journal of medicinal Chemistry, SCI Journal, December 2011

Europen Journal of medicinal Chemistry, SCI Journal, November 2011

## **Metrics**

Publication: 105

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H-Index (Scopus): 9

## **Congress and Symposium Activities**

N'-(3,4-dimetoksibenziliden)-N-metilbenzensülfonilhidrazin, Attendee, Nevşehir, Turkey, 2017

INVESTIGATION OF REACTIONS OF AMINO PYRIMIDINE DERIVATIVES WITH SOME ACYL AND ALKYL HALIDES, Attendee, Turkey, 2017

Investigation of Schiff base Reactions Effect on Cell and Amino acid Staining with Brassica Oleraceae Extract by FT-IR Spectrophotometric Analysis, Attendee, Kayseri, Turkey, 2017

1-(( 3-HYDROXYNAPHTALEN-2-YL)METHYLENEAMİNO)-5-(4-METHYLBENZOYL)-4-P-TOLYL PYRİMİDİN-2(1H)-ONE and its Transition Metal Complexes, Attendee, Turkey, 2017

Synthesis, Structural Characterization and DTA/TG Studies of a Schiff Base, Attendee, Turkey, 2017

Tarçın bitkisinden Uçucu Yağ Üretimi ve Antimikrobiyal Aktivite Çalışmaları, Attendee, Konya, Turkey, 2017

Cytotoxic activities in breast cancer cell line of organometallic compounds, Attendee, Girona, Spain, 2016

Catalytic Activity in carbon-carbon bond forming reactions of peppsi Pd-NHC type N-heterocyclic carbene complexes, Attendee, Girona, Spain, 2016

1-(4-Methoxybenzylideneamino)-5-(4-methylbenzoyl)-4-p-tolylpyrimidin-2(1H)-one and its catalytic activity properties, Attendee, Girona, Spain, 2016

5-(4-Methylbenzoyl)-4-p-tolyl-1-(3,4,5-trimetethoxybenzylideneamino)pyrimidin-2(1H)-one and its antimicrobial properties, Attendee, Girona, Spain, 2016

Çeşitli Geçiş Metallerinin Bazı Schiff Bazı Kompleksleri-Sentez Karakterizasyon ve Katalitik Aktivite V. Ulusal Anorganik Kimya Kongresi, Attendee, Mersin, Turkey, 2015

Synthesis, Structural Characterization and Catalytic Activity of some Schiff Bases, Symposium on Molecular Chemistry, Attendee, İstanbul, Turkey, 2014

Schiff bazları: Sentezleri, Karakterizasyonu ve Suzuki-Miyaura Eşleşme tepkimelerinde Katalitik aktivite çalışmaları IV. Fiziksel Kimya Kongresi Denizli, Attendee, Denizli, Turkey, 2014

Synthesis and Crystal Structure of 4- Methylbenzene-1-((E)-( 6-hydroxycyclohexa-1,5-dien-1-yl) methylidene) amino)-5-(4- methylbenzoyl) pyrimidin-2(1H)-one 4th national crystallographic meeting Diyarbakır, Attendee, Diyarbakır, Turkey, 2014

Preparation of Various Sschiff Bases and Their Catalytic Activities, Attendee, Adana, Turkey, 2014

Reactions of Some Pyrimidine Derivatives with Chloroacetylchloride, 44 th World Chemistry Congress, İstanbul August 11-16,2013., Attendee, İstanbul, Turkey, 2013

Kompleksler: Sihirli Bileşikler, Kromatografi Kongresi,, Attendee, Bursa, Turkey, 2013

Reactions Of Some Pyrazole-3 Carboxylic Acid Chlorides With Various Urea, 7 th Eurasian Meeting on Heterocyclic Chemistry, Attendee, İstanbul, Turkey, 2012

Thermal Studies And Decomposition Reactions Of A Novel Ligand And Its Some Metal Complexes 7 th Eurasian Meeting on Heterocyclic Chemistry, Attendee, İstanbul, Turkey, 2012

1-(2-Hidroksinaftil-metilen amino)-5-(4-metilbenzoil)-4-(metilfenilpirimidin)-2(1H)-Tiyon Bazı geçiş metal kompleksleri ve antimikrobiyal etkileri,, Attendee, Erzurum, Turkey, 2011

Aromatic Sulfonyl Hydrazides and Sulfonyl Hydrazones- Antimicrobiyal Activity and Physical Properties,, Attendee, Pamukkale Üniversitesi/Çanakkale, Turkey, 2011

1-(2-Hidroksifenil metilen amino)-5-(4-metilbenzoil)-4-(metilfenilpirimidin)-2(1H)-Tiyon Bazı geçiş metal kompleksleri ve antimikrobiyal etkileri, Attendee, Pamukkale Üniversitesi/Çanakkale, Turkey, 2011

2- Hidroksi-1-naftaldehit benzensülfonil-1-metil hidrazon Ligandi ve Nikel(II) Kompleksinin Spektroskopik Davranışlarının İncelenmesi, XI. Ulusal Spektroskopi Kongresi, Attendee, Ankara, Turkey, 2009

2-Hidroksi-1-naftaldehit benzensülfonil-1-metil hidrazon'un Bazı Geçiş Metal Kompleksleri ve Antimikrobiyal Etkilerinin İncelenmesi, II. Ulusal Anorganik Kimya Kongresi, Attendee, Elazığ, Turkey, 2009

Pb-Sb-O Sistemindeki fazların sentezlenmesi, VIII. Kimya ve Kimya Mühendisliği Sempozyumu, Attendee, İstanbul, Turkey, 1992

## Non Academic Experience

### MİLLİ EĞİTİM BAKANLIĞI