

## Assoc. Prof. ERTUĞRUL GAZİ SAĞLAM

### Personal Information

**Office Phone:** [+90 216 777 3378](tel:+902167773378)

**Fax Phone:** [+90 216 777 3201](tel:+902167773201)

**Email:** [egazi@marmara.edu.tr](mailto:egazi@marmara.edu.tr)

**Other Email:** [saglameg@gmail.com](mailto:saglameg@gmail.com)

**Web:** <https://avesis.marmara.edu.tr/egazi>

**Address:** Doç.Dr. Ertuğrul Gazi SAĞLAM Marmara Üniversitesi, Fen-Edebiyat Fakültesi Kimya Bölümü, Göztepe Kampüsü, Eğitim Mahallesi, 34722, Kadıköy-İstanbul, TÜRKİYE

### Biography

He completed undergraduate education in Erciyes University, Faculty of Arts and Sciences, Department of Chemistry 1994, and master's education in 1998; doctorate education at Ankara University in 2004. He worked as a research assistant at Erciyes University, in the Chemistry Department, between 1994-1999. He held administrative positions in a private, semi-official organizations and international organizations. Yozgat Bozok University, assistant professor in the Department of Chemistry, Faculty of Arts and Sciences, between 2011-2017. He worked as an associate professor at the same university between 2017-2020. Since 2020, he has been working at Marmara University, Faculty of Arts and Sciences, Department of Chemistry. His research and projects continue on the synthesis and characterization of new compounds of the thio-phosphorus group (dithiophosphonic / dithiophosphinic), which has industrial importance.

Research areas; Coordination Compounds, Inorganic Ring Compounds, Organometallic Compounds, Thio-phosphorus Compounds.

### Education Information

Doctorate, Ankara University, Institute Of Science, Chemistry, Turkey 1999 - 2004

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Chemistry, Turkey 1995 - 1998

Undergraduate, Erciyes University, Fen Fakültesi, Kimya , Turkey 1990 - 1994

### Certificates, Courses and Trainings

Security, Patlayıcı Ortamlarda Güvenlik (Safety in Explosive Environments), Yeditepe University, 2006

Other, Sorumlu Müdürlük (Fuelling Responsible Manager), Union of Chambers of Turkish Engineers and Architects Chamber of Chemical Engineers of Ankara Branch, 2006

Foreign Language, King's School of English, Bournemouth, UK, Kings English UK Central Admissions;  
<https://www.kingseducation.com/uk-uni/factsheets/contact-us>, 2005

### Dissertations

Doctorate, SYNTHESIS AND INVESTIGATION ON THE COMPLEXES OF THIO- AND SELENOPHOSPHINIC ACIDS, Ankara University, Institute Of Science, Chemistry, 2004

Postgraduate, Synthesis of some transition element chelate complexes of some newly synthesized organic ligands and their investigation by spectroscopic methods, Erciyes University, Fen Bilimleri Enstitüsü, Chemistry, 1998

## Research Areas

Chemistry, Inorganic Chemistry, Inorganic Ring Compounds, Coordination Chemistry, Organometallic Chemistry, Novel Ligands, Organic Spectroscopy

## Academic Titles / Tasks

Associate Professor, Marmara University, Faculty Of Arts And Sciences, Chemistry, 2020 - Continues

Associate Professor, Yozgat Bozok University, Faculty Of Arts And Sciences, 2017 - 2020

Assistant Professor, Yozgat Bozok University, Faculty Of Arts And Sciences, 2011 - 2017

Research Assistant, Erciyes University, Fen Fakültesi, Kimya , 1994 - 1999

## Academic and Administrative Experience

Program Değerlendirme Kurulu Üyesi, Yozgat Bozok University, Chemistry, 2016 - 2020

BAP Scientific Commissioner, Yozgat Bozok University, 2016 - 2020

Head of Department, Yozgat Bozok University, Faculty Of Arts And Sciences, 2011 - 2020

## Courses

Thesis Consultancy, Doctorate, 2020 - 2021

Lanthanide and Actinide Chemistry, Doctorate, 2020 - 2021

TEBFİZ60-3-Kişisel Proje, (Council of Higher Education, Basic Sciences Program in the Outstanding Students Class, TEBİP), Undergraduate, 2020 - 2021

Advanced Coordination Chemistry II, Doctorate, 2020 - 2021

Inorganic Chemistry Reaction Mechanisms, Undergraduate, 2020 - 2021

Inorganic Chemistry II, Undergraduate, 2020 - 2021

Synthesis of Heterocyclic Compounds II, Doctorate, 2020 - 2021

Crystal Chemistry, Postgraduate, 2020 - 2021

Skilled Field Course-II, Postgraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020

Laboratory Safety, Postgraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020

Coordination Chemistry, Postgraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020

Thesis II, Postgraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020

Inorganic Chemistry, Undergraduate, 2019 - 2020

Thesis I, Doctorate, 2019 - 2020

Magnetism and Spectroscopy, Doctorate, 2019 - 2020

Inorganic Chemistry, Undergraduate, 2017 - 2018, 2019 - 2020

X-Ray Analysis Principles, Doctorate, 2019 - 2020

Chemical Bonds, Postgraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020

Inorganic Chemistry Laboratory, Postgraduate, 2018 - 2019

Organometallic Compounds Chemistry, Postgraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020

Chemistry, Undergraduate, 2019 - 2020

Structure Methods of Inorganic Compounds, Doctorate, 2018 - 2019

Inorganic Reaction Mechanisms, Doctorate, 2018 - 2019

Thesis I, Postgraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020

Skilled Field Course-1, Postgraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020

General Chemistry I, Postgraduate, 2018 - 2019

Seminar, Postgraduate, 2017 - 2018, 2018 - 2019

General Chemistry II, Postgraduate, 2018 - 2019  
Chemistry, Undergraduate, 2018 - 2019  
Seminar, Doctorate, 2017 - 2018  
Complex Chemistry, Undergraduate, 2017 - 2018  
Chemistry, Undergraduate, 2017 - 2018

## Advising Theses

Saçmacı M., Sağlam E. G. , SYNTHESIS and CHARACTERIZATION of PHOSPHOR 1,1- DITHIOLATE DERIVATIVES AND ITS STRUCTURES, Postgraduate, Y.Servet(Student), Continues  
Sağlam E. G. , Synthesis and Structural Characterization of New Dithiophosphonic Acid, Derivatives and Complexes from 2,4-diorganyl-1,3,2,4-dithiadiphosphetane-2,4-disulfide, Doctorate, E.BULAT(Student), Continues  
Sağlam E. G. , ANISOLE SUBSTITUTED PERTHIOPHOSPHONIC ACID ANHYDRIDES: SYNTHESSES AND CHARACTERIZATION OF ADDITION PRODUCTS WITH ALCOHOLS, Postgraduate, A.YILDIRIM(Student), 2020  
Sağlam E. G. , SYNTHESSES AND SPECTROSCOPIC CHARACTERIZATION ON PHENANTHROLINE-CONTAINING NICKEL COMPLEXES ORGANODITHIO-PHOSPHORUS, Postgraduate, A.AKGÜN(Student), 2019  
Sağlam E. G. , Acar N., SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF FOUR AND SIX COORDINATED NICKEL(II) DITHIOPHOSPHONATE COMPLEXES, Postgraduate, İ.DEMİREL(Student), 2019  
Sağlam E. G. , SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF FOUR AND SIX COORDINATED NICKEL(II) DITHIOPHOSPHONATE COMPLEXES, Postgraduate, E.BULAT(Student), 2018  
Sağlam E. G. , SYNTHESIS AND STRUCTURAL INVESTIGATION OF ADDITION REACTION'S YIELDS OF 1,3,2,4-DITHIADIPHOSPHETANE-2,4-DISULFIDE, Postgraduate, Ö.TUTSAK(Student), 2017  
Türkoğlu O., Sağlam E. G. , Synthesis, characterization and solid oxide fuel cell application of ZrO<sub>2</sub> based solid electrolyte systems by sol-gel method, Doctorate, E.YILDIZ(Student), 2015  
Sağlam E. G. , SYNTHESIS AND STRUCTURAL ELUCIDATION OF THE SOME NOVEL THIO-PHOSPHORUS GROUP COMPLEXES, Postgraduate, A.EBİNÇ(Student), 2014

## Jury Memberships

Post Graduate, Post Graduate, Çankırı Karatekin Üniversitesi, September, 2021  
Doctorate, Doctorate, Ankara Üniversitesi, July, 2021  
Post Graduate, Post Graduate, Gebze Teknik Üniversitesi, July, 2021  
Doctoral Examination, Doctoral Examination, Marmara Üniversitesi, April, 2021  
Doctoral Examination, Doctoral Examination, Hitit Üniversitesi, January, 2021  
Doctorate, Doctorate, University of KwaZulu-Nata, Durban, South Africa, July, 2020  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hitit Üniversitesi, March, 2020  
Doctoral Examination, Doctoral Examination, Hitit Üniversitesi, December, 2019  
Post Graduate, Post Graduate, Hitit Üniversitesi, November, 2019  
Appointment Academic Staff, Appointment Academic Staff, Adıyaman Üniversitesi, November, 2019  
Doctoral Examination, Doctoral Examination, Hitit Üniversitesi, May, 2019  
Post Graduate, Post Graduate, Erciyes Üniversitesi, April, 2019  
Academic Staff Examination, Academic Staff Examination, Yozgat Bozok Üniversitesi, January, 2019  
Post Graduate, Post Graduate, Hitit Üniversitesi, December, 2018  
Post Graduate, Post Graduate, Hitit Üniversitesi, December, 2018  
Post Graduate, Post Graduate, Ankara Üniversitesi, July, 2018  
Doctoral Examination, Doctoral Examination, Yozgat Bozok Üniversitesi, June, 2018  
Doctorate, Doctorate, Erciyes Üniversitesi, June, 2018  
Post Graduate, Post Graduate, Gebze Teknik Üniversitesi, June, 2018  
Post Graduate, Post Graduate, Hitit Üniversitesi, May, 2017

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, December, 2016

Post Graduate, Post Graduate, Yozgat Bozok Üniversitesi, November, 2014

Administrative Staff Examination, Administrative Staff Examination, Yozgat Bozok Üniversitesi, December, 2012

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **New Heterobimetallic Ferrocenyl Dithiophosphonato Cd(II) and Hg(II) Complexes: DNA Interactions, Antimicrobial and Anticancer Activity Studies of the Cd(II) Complexes**  
Sağlam E. G. , Akkoç S., Acar N., Dal H., Tutsak Ö., Açıık L.  
CHEMISTRYSELECT, vol.6, pp.12496-12505, 2021 (Journal Indexed in SCI)
- II. **New phenanthroline nickel(II) organodithio-phosphorus complexes: Syntheses, structural characterizations and in vitro cytotoxic activity studies**  
Sağlam E. G. , Akkoç S., Zorlu Y., Bulat E., Akgün A.  
Polyhedron, vol.199, no.115097, pp.1-13, 2021 (Journal Indexed in SCI)
- III. **New heterobimetallic nickel(II) ferrocenyldithiophosphonato complexes: Syntheses, characterization, antiproliferative activity and X-ray, DFT, molecular docking studies on trans-bis-[O-3-methyl-1-butyl-(ferrocenyl) dithiophosphonato]nickel(II)**  
Sağlam E. G. , Akkoç S., Zeyrek C. T. , Dal H., Tutsak Ö.  
INORGANICA CHIMICA ACTA, vol.514, 2021 (Journal Indexed in SCI)
- IV. **Syntheses and structural characterization of new trans-bis-[n-butyl-(p-methoxyphenyl) dithiophosphinato] nickel(II), the pyridine derivative thereof, and bis-{bis-[n-butyl-(p-methoxyphenyl) dithiophosphinato]cobalt(II)} complexes**  
Saglam E. G. , Dal H., Mougang-Soume B., Hökelek T.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1202, 2020 (Journal Indexed in SCI)
- V. **New {bis-pyridine-bis-[3-methyl-1-butoxy-(p-methoxyphenyl) phosphonodithioato]}nickel(II) complex: Synthesis, characterization, single crystal structure and theoretical studies**  
Saglam E. G. , Zeyrek C. T. , Dal H., Unver H., Ebinc A.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1201, 2020 (Journal Indexed in SCI)
- VI. **Syntheses of and structural studies on some square planar dithiophosphonato Ni(II) complexes, octahedral pyridine derivatives thereof and X-ray crystallography, DFT and molecular docking studies of the latter**  
Saglam E. G. , Bulat E., Zeyrek C. T. , Dal H., Hökelek T.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1178, pp.112-125, 2019 (Journal Indexed in SCI)
- VII. **Syntheses, characterization of and studies on the electrochemical behaviour of ferrocenyl dithiophosphonates and 4-methoxyphenyl dithiophosphonates**  
Saglam E. G. , Erden S., Tutsak O., Bayraktepe D. E. , Durmus Z. Y. , Dal H., Ebinc A.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.192, pp.322-329, 2017 (Journal Indexed in SCI)
- VIII. **Syntheses and structural characterizations of a new benzyl(4-methoxyphenyl)dithiophosphinic acid and its Ni(II), Co(II), Zn(II), Cd(II), and Ni-pyridine complexes**  
Saglam E. G. , Acar N., Mougang-Soume B., Dal H., Hökelek T.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.191, pp.22-29, 2016 (Journal Indexed in SCI)
- IX. **Structural studies on some dithiophosphonato complexes of Ni(II), Cd(II), Hg(II) and theoretical studies on a dithiophosphonato Ni(II) complex using density functional theory**  
Saglam E. G. , Ebinc A., Zeyrek C. T. , Unver H., Hökelek T.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1099, pp.490-501, 2015 (Journal Indexed in SCI)
- X. **Syntheses and structural characterization of new dithiophosphinato cadmium complexes**  
Saglam E. G. , Acar N., Suzen Y., Mougang-Soume B., Hökelek T.

JOURNAL OF CHEMICAL SCIENCES, vol.127, pp.1653-1663, 2015 (Journal Indexed in SCI)

- XI. **Syntheses and structural studies on some new dithiophosphinato complexes of nickel(II), cobalt(II) and mixed pyridino complexes thereof**  
Saglam E. G.  
INORGANICA CHIMICA ACTA, vol.434, pp.188-197, 2015 (Journal Indexed in SCI)
- XII. **SYNTHESIS AND SPECTROSCOPIC CHARACTERIZATION OF NOVEL ARYL-DITHIOFLUOROPHOSPHONATE DERIVATIVES AND X-RAY STUDIES OF [(4-CH<sub>3</sub>OC<sub>6</sub>H<sub>4</sub>)(F)P(S)S-] [PH<sub>4</sub>P<sup>+</sup>]**  
Saglam E. G. , Celik O., Yilmaz H., Acar N.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.187, pp.1339-1346, 2012 (Journal Indexed in SCI)
- XIII. **SYNTHESIS AND SPECTROSCOPIC CHARACTERIZATIONS OF NOVEL Ni(II) AND Co(II) DITHIOPHOSPHINATE COMPLEXES, AND X-RAY STUDIES ON THE Ni(II) COMPLEX**  
Saglam E. G. , Yilmaz H., Dal H., Hökelek T.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.187, pp.213-224, 2012 (Journal Indexed in SCI)
- XIV. **Tetrakis[μ-4-(diethylamino)benzoato-kappa O-2:O']bis[(N,N-diethylnicotinamide-kappa N-1)cobalt(II)]**  
Hökelek T., Saglam E. G. , Tercan B., Aybirdi O., Necefoglu H.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.67, 2011 (Journal Indexed in SCI)
- XV. **Diaquabis[4-(dimethylamino)benzoato-kappa O]bis(nicotinamide-kappa N-1)zinc(II) dihydrate**  
Hökelek T., Saglam E. G. , Tercan B., Aybirdi O., Necefoglu H.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.66, 2010 (Journal Indexed in SCI)
- XVI. **Bis[μ-4-(methylamino)benzoato]-kappa O-3,O':O;kappa O-3:O,O'-bis{aqua[4-(methylamino)benzoato-kappa O-2,O'](nicotinamide-kappa N)cadmium(II)}**  
Hökelek T., Saglam E. G. , Tercan B., Aybirdi O., Necefoglu H.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.66, 2010 (Journal Indexed in SCI)
- XVII. **Synthesis, spectroscopic characterization and X-ray single crystal structures of trans-bis[4-methoxyphenyl (3-methylbutyl) dithiophosphinato] nickel(II) and bis [4-methoxyphenyl (3-methylbutyl) dithiophosphinato]cobalt(II) complexes**  
Saglam E. G. , Celik O., Yilmaz H., İde S.  
TRANSITION METAL CHEMISTRY, vol.35, pp.399-405, 2010 (Journal Indexed in SCI)
- XVIII. **Reaction of some furan-2,3-diones with various 1,2-phenylenediamines**  
Sarıpınar E., Sağlam E. G. , Öncel I., Özer I., Gökteş I. L. , Kök T. R. , Akçamur Y.  
Heterocycles, vol.65, pp.2161-2167, 2005 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Studies on the vibrational frequencies and molecular electrostatic potential surfaces of the trans-bis-[O-3-methyl-1-butyl-(ferrocenyl)dithiophosphonato]nickel(II) complex**  
Zeyrek C. T. , Sağlam E. G. , Aydın S.  
JOURNAL OF ATA-CHEM, vol.1, no.1, pp.24-32, 2021 (National Refreed University Journal)
- II. **Synthesis and Characterization of New Dithiophosphonate and Ni(II) Complexes from Novel 2,4-bis(methoxytolyl)-1,3-dithia-2,4-diphosphetane 2,4-disulfides**  
Sağlam E. G. , Bulat E., Yilmaz H.  
Journal of the Turkish Chemical Society Section A: Chemistry, vol.7, no.3, pp.789-800, 2020 (Refereed Journals of Other Institutions)
- III. **New homodinuclear alkyl-and aryl-dithiophosphonato cd(II) and hg(II) complexes: Syntheses and characterizations**  
Sağlam E. G. , Bulat E., Acar N., Demirel İ.

Journal of the Turkish Chemical Society, Section A: Chemistry, vol.7, pp.49-64, 2019 (Refereed Journals of Other Institutions)

**IV. Syntheses and spectroscopic characterization on new [O-3-phenyl-1-propyl-(4-methoxyphenyl)dithiophosphonato] Ni(II), Cd(II) and Hg(II) complexes**

Sağlam E. G. , Ebinç A.

Journal of the Turkish Chemical Society, Section A: Chemistry, vol.5, pp.1239-1248, 2018 (Refereed Journals of Other Institutions)

**V. Syntheses and characterization of new dithiophosphinato zinc complexes**

Sağlam E. G. , Acar N.

Journal of the Turkish Chemical Society, Section A: Chemistry, vol.5, pp.931-940, 2018 (Refereed Journals of Other Institutions)

**VI. Synthesis and Determination of Crystal and Molecular Structure of Bispyridine bis 4 methoxyphenyl 3 methylbutyl dithiophosphinato nickel II**

Sağlam E. G. , Çelik Ö., İde S., Yılmaz H.

X-ray Structure Analysis Online, vol.27, pp.23-24, 2011 (Refereed Journals of Other Institutions)

## **Refereed Congress / Symposium Publications in Proceedings**

**I. Synthesis and Structural Characterization of New Dithiophosphonate and Nickel Complexes Containing Veratrol**

Sağlam E. G. , Bulat E.

33. Ulusal Kimya Kongresi, Tekirdağ, Turkey, 7 - 09 October 2021, vol.1, pp.188

**II. Synthesis and Characterization of Novel Dithiophosphonate and Ni(II) Complexes From Novel 2,4-bis(3-methoxytolyl)-1,3-dithia-2,4-diphosphetane 2,4-disulfide**

Sağlam E. G. , Bulat E., Dal H.

33. Ulusal Kimya Kongresi, Tekirdağ, Turkey, 7 - 09 October 2021, vol.1, pp.190

**III. THE SYNTHESIS OF THE NEW 2-METOXYPHENYTHIOPHOSPHORIC RINGED DI(THIOANHYDRITE) DERIVATIVES AND ELIMINATION OF THEIR STRUCTURE**

Sağlam E. G. , Bulat E.

VIII. ULUSAL ANORGANİK KİMYA KONGRESİ, Tekirdağ, Turkey, 2 - 05 September 2021, vol.1, pp.97

**IV. SYNTHESIS AND CHARACTERIZATION OF NEW 2,4-bis(1,2-DIMETOXYPHENYL)-1,3-DITHIA-2,4-DIPHOSPHETHANE 2,4-DISULFIDE DERIVATIVES**

Sağlam E. G. , Bulat E., Dal H.

VIII. ULUSAL ANORGANİK KİMYA KONGRESİ, Tekirdağ, Turkey, 2 - 05 September 2021, vol.1, pp.89

**V. Synthesis and Yield Calculations Some Diethyl-A-Phenylamino Phosphonate Derivates**

Acar N., Alptekin G., Sağlam E. G.

Fourth International Conference on New Trends in Chemometrics and Applications, Aydın, Turkey, 1 - 04 May 2019, vol.1, pp.54

**VI. New phenanthroline nickel(II) organodithio-phosphorus complexes: syntheses, structural characterizations and in vitro cytotoxic activity studies**

Sağlam E. G. , Akkoç S., Zorlu Y., Bulat E., Akgün A.

3rd International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 19 - 20 March 2020, vol.1, pp.698

**VII. New heterobimetallic nickel(II) ferrocenyldithiophosphonato complexes: Syntheses, structural characterization, antiproliferative activity and X-ray, DFT, molecular docking studies on trans-bis-[O-3-methyl-1-butyl-(ferrocenyl)dithiophosphonato]nickel(II)**

Sağlam E. G. , Akkoç S., Zeyrek C. T. , Dal H., Tutsak Ö.

3rd International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 19 - 20 March 2020, vol.1, pp.699

**VIII. Syntheses and Structural Characterization of New trans-bis-[n-butyl-(p-methoxyphenyl)**

**dithiophosphinato] nickel(II), the Pyridine Derivative Thereof, And bis-[bis-[ n-butyl-(p-methoxyphenyl) dithiophosphinato]Cobalt(II)} Complexes.**

Sağlam E. G. , Dal H., Mougangsoum B., Hökelek T.

VII. Ulusal Anorganik Kimya Kongresi, Çorum, Turkey, 19 - 22 June 2019, vol.1, pp.13

- IX. **New {bis-pyridine-bis-[3-methyl-1-butoxy-(p-methoxyphenyl)phosphonodithioato]}nickel(II) Complex: Synthesis, Characterization, Single Crystal Structure and Theoretical Studies**  
Sağlam E. G. , Zeyrek C. T. , Dal H., Ünver H., Ebinç A.  
VII. Ulusal Anorganik Kimya Kongresi (Uluslararası katılımlı), Çorum, Turkey, 19 - 21 June 2019, vol.1, pp.15
- X. **Syntheses of and Structural Studies on Some Four Coordinated Dithiophosphonato Ni(II) Complexes**  
Bulat E., SAĞLAM E. G. , DAL H.  
International Chemistry Biology Conference'18, Sharm El Sheikh, Egypt, 11 - 14 July 2018, vol.1
- XI. **Syntheses of and Structural Characterization on Octahedral Pyridino Dithiophosphonato Complexes and X ray Study on a Ni(II) Pyridino complex**  
Bulat E., SAĞLAM E. G. , DAL H., HÖKELEK T.  
International Chemistry Biology Conference'18, Sharm El Sheikh, Egypt, 11 - 14 July 2018, vol.1
- XII. **A Modified Route for The Syntheses of Dithiophosphinic Acid Ni(II) Complex and Identification of The Product**  
DAL H., SAĞLAM E. G. , ACAR N., MOUGANG SOUME B., HÖKELEK T.  
ICCPA-2017, 2'xxND INTERNATIONAL CONFERENCE ON CHEMICAL, PHARMACEUTICAL SCIENCES APPLICATIONS, SHARM EL-SHEIKH, Egypt, 8 - 11 August 2017, pp.42-43
- XIII. **Synthesis and Spectroscopic Investigation on Ferrocenyldithiophosphonato Cd(II) and Hg(II) Complexes**  
SAĞLAM E. G. , Tutsak Ö., DAL H.  
ANCON, Ankara, Turkey, 5 October - 10 January 2017, vol.1, pp.176
- XIV. **YENİ Cd(II) ve Hg(II) FERROSENİLDİTİYOFOSFONAT KOMPLEKSLERİNİN SENTEZİ ve YAPISAL KARAKTERİZASYONU**  
SAĞLAM E. G. , TUTSAK Ö., DAL H.  
VI. Anorganik Kimya Kongresi, Burdur, Turkey, 18 - 21 May 2017, vol.1, pp.24
- XV. **The Synthesis and Structural Characterization of The New Dithiophosphinic Acid Ni(II) Complex**  
DAL H., SAĞLAM E. G. , Mougang Soume B., HÖKELEK T.  
IV MEETING OF THE ITALIAN AND SPANISH CRYSTALLOGRAPHIC ASSOCIATIONS, Tenerife, Spain, 21 - 25 June 2016, vol.1, pp.111
- XVI. **SYNTHESES AND SPECTROSCOPIC CHARACTERIZATIONS ON NEW DITHIOPHOSPHONATO COMPLEXES OF Ni II Cd II Hg II AND Ni PYRIDINE COMPLEXES**  
SAĞLAM E. G. , Ebinç A.  
28.Ulusal Kimya Kongresi Mersin, Mersin, Turkey, 15 - 21 August 2016, vol.1, pp.105
- XVII. **Bazı Ditiyofosfinik Asitlerin Yeni Çinko Komplekslerinin Sentezi ve Yapılarının Aydınlatılması**  
SAĞLAM E. G.  
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, vol.1, pp.370
- XVIII. **Ferrosen Türevli Ditiyofosfonat Tuzlarının Sentezi ve Yapılarının Aydınlatılması**  
SAĞLAM E. G. , ACAR N., SÜZEN Y., MOUGANG SOUME B., HÖKELEK T.  
XIV. Ulusal Spektroskopi Kongresi, Elazığ, Turkey, 29 - 31 May 2015, vol.1
- XIX. **Yeni Kadmiyum Ditiyofosfinato Komplekslerinin Sentezi ve Yapılarının Aydınlatılması**  
SAĞLAM E. G. , ACAR N., SÜZEN Y., MOUGANG SOUME B., HÖKELEK T.  
XIV. Ulusal Spektroskopi Kongresi, Elazığ, Turkey, 29 - 31 May 2015, vol.1
- XX. **Piridino Ditiyofosfinik Asit Kobalt Komplekslerinin Sentezi**  
SAĞLAM E. G.  
V.Ulusal Anorganik Kimya Kongresi, Mersin, Turkey, 22 - 25 April 2015, vol.1
- XXI. **Investigation On New Ni II And Co II Dithiophosphate Complexes**  
DAL H., SAĞLAM E. G. , YILMAZ H., HÖKELEK T.  
32th European Congress on Molecular Spectroscopy, 24 - 29 August 2014, vol.1, pp.294

- XXII. **Asimetrik Ditiyofosfinik Asit Komplekslerinin Sentezi**  
SAĞLAM E. G. , YILMAZ H., DAL H.  
IV.Ulusal Anorganik Kimya Kongresi, Tokat, Turkey, 30 May - 02 June 2013, vol.1
- XXIII. **Synthesis and Spectroscopic Characterization of Novel Aryl Dithiofluorophosphonate Derivatives and X Ray Studies of 4 CH<sub>3</sub>OC<sub>6</sub>H<sub>4</sub> F P S S PH<sub>4</sub>P**  
ÇELİK Ö., SAĞLAM E. G. , ACAR N., YILMAZ H.  
SESAME 9th User Meeting, 12 - 14 November 2011, vol.1, pp.51
- XXIV. **Arilditiyoflorofosfinat Türevlerinin Sentezi**  
SAĞLAM E. G. , ACAR N., YILMAZ H.  
III.Ulusal Anorganik Kimya Kongresi, Çanakkale, Turkey, 19 - 22 May 2011, vol.1, pp.98
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XIX. Ulusal Kimya Kongresi, İzmir, Turkey, 30 September - 04 October 2005, vol.1, pp.50
- XXX. **Crystallographic studies on dithiophosphonato complexes of different coordinated Ni II experimental difficulties and SR advantages on small molecule crystallography**  
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- XXXI. **Crystal and molecular structure of organometalic nickel II and cobalt II complexes with dithiophosphinato**  
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## Supported Projects

Sağlam E. G. , Bulat E., Project Supported by Higher Education Institutions, SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF NEW DITHIOPHOSPHONIC ACID, DERIVATIVE AND COMPLEX FROM 2,4-DIORGANIL-1,3,2,4-DITIADIFOSFETAN-2,4-DISULFUR (Marmara Univ.; 2,4-dimethoxyphenyl Derivatives) , 2021 - 2023

Sağlam E. G. , Dal H., Bulat E., Project Supported by Higher Education Institutions, SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF NEW DITHIOPHOSPHONIC ACID, DERIVATIVE AND COMPLEX FROM 2,4-DIORGANIL-1,3,2,4-

DITIADIFOSFETAN-2,4-DISULFUR (YOBÜ; 3,4-dimethoxyphenyl Derivatives) , 2020 - 2022

Sađlam E. G. , Project Supported by Higher Education Institutions, SYNTHESIS OF NEW PERTHIOPHOSPHONIC ACID ANHYDRIDES AND STRUCTURAL DETERMINATION THEREOF, 2020 - 2021

Sađlam E. G. , Akgün A., Project Supported by Higher Education Institutions, SYNTHESSES AND SPECTROSCOPIC CHARACTERIZATION ON PHENANTHROLINE-CONTAINING NICKEL COMPLEXES ORGANODITHIO-PHOSPHORUS, 2019 - 2020

Sađlam E. G. , Demirel İ., Project Supported by Higher Education Institutions, SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF CADMIUM AND MERCURY DITHIOPHOSPHONATE COMPLEXES, 2018 - 2019

Sađlam E. G. , Bulat E., Dal H., Project Supported by Higher Education Institutions, Synthesis and Structural Characterization of Sulfur-Phosphorus Group Complexes, 2017 - 2018

Sađlam E. G. , Dal H., Project Supported by Higher Education Institutions, Synthesis of Some Dithiophosphinic Acid Complexes and Investigation of Anticancer Properties, 2016 - 2017

Sađlam E. G. , Dal H., TUBITAK Project, SYNTHESIS AND STRUCTURAL INVESTIGATION OF ADDITION REACTION'S YIELDS OF SOME PERTHIOPHOSPHONIC ACID ANHYDRIDES, 2014 - 2016

Sađlam E. G. , Project Supported by Higher Education Institutions, Synthesis of addition reaction products of some perthiophosphonic acid anhydrides and elucidation of their structures, 2014 - 2016

Sađlam E. G. , Acar N., Project Supported by Higher Education Institutions, SYNTHESSES AND STRUCTURAL CHARACTERIZATION OF NEW CADMIUM DITHIOPHOSPHINATO COMPLEXES, 2015 - 2015

Türkođlu O., Yıldız E., Sađlam E. G. , Project Supported by Higher Education Institutions, Synthesis, characterization and solid oxide fuel cell application of ZrO<sub>2</sub> based solid electrolyte systems by sol-gel method, 2013 - 2015

Sađlam E. G. , Project Supported by Higher Education Institutions, SYNTHESSES AND INVESTIGATIONS ON THE STRUCTURES OF THE DERIVATES OF SOME DITHIOPHOSPHINIC ACIDS, 2013 - 2015

Sađlam E. G. , Project Supported by Higher Education Institutions, SYNTHESIS AND STRUCTURAL ELUCIDATION OF THE SOME NOVEL THIO-PHOSPHORUS GROUP COMPLEXES , 2013 - 2014

Yılmaz H., Sađlam E. G. , TUBITAK Project, Synthesis of and Investigations on The Structures of The Derivates of Dithiophosphinic Acids , 2010 - 2011

## Activities in Scientific Journals

Journal of Ata-Chem , Publication Committee Member, 2021 - Continues

Science Journal of Chemistry, Editor, 2020 - Continues

JOURNAL OF MOLECULAR STRUCTURE, Special Issue Editor, 2019 - 2020

## Memberships / Tasks in Scientific Organizations

Turkish Chemical Society, Member, 2019 - Continues, Turkey

## Scientific Refereeing

PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, SCI Journal, December 2021

Project Supported by Higher Education Institutions, BAP MSc, Ankara University, Turkey, November 2021

JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, July 2021

Project Supported by Higher Education Institutions, BAP Research Project, Canakkale Onsekiz Mart University, Turkey, April 2021

EUROPEAN JOURNAL of CHEMISTRY, Other journals, February 2021

ADVANCED CHEMICOBIOLOGY RESEARCH, Other journals, December 2020

Project Supported by Higher Education Institutions, BAP Research Project, Ataturk University, Turkey, December 2020

TUBITAK Project, 1002 - Quick Support Program, Marmara University, Turkey, October 2020

32. Online Ulusal Kimya Kongresi (32nd Online National Chemistry Congress), Conference Paper (Abstract), September 2020  
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, June 2020  
Project Supported by Higher Education Institutions, BAP Research Project, Yozgat Bozok University, Turkey, June 2020  
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, May 2020  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, SCI Journal, April 2020  
Hittite Journal of Science and Engineering, National Scientific Refreed Journal, February 2020  
Journal of the Turkish Chemical Society, Section A: Chemistry, National Scientific Refreed Journal, November 2019  
MOLECULAR PHYSICS, SCI Journal, October 2019  
Project Supported by Higher Education Institutions, BAP Research Project, Erciyes University, Turkey, October 2019  
Journal of the Turkish Chemical Society, Section A: Chemistry, National Scientific Refreed Journal, September 2019  
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, August 2019  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, SCI Journal, August 2019  
Letters In Organic Chemistry, SCI Journal, May 2019  
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Project Supported by Higher Education Institutions, BAP Research Project, Yozgat Bozok University, Turkey, March 2019  
Project Supported by Higher Education Institutions, BAP Research Project, Marmara University, Turkey, March 2019  
Journal of the Turkish Chemical Society, Section A: Chemistry, National Scientific Refreed Journal, January 2019  
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, National Scientific Refreed Journal, January 2019  
Journal of the Turkish Chemical Society, Section A: Chemistry, National Scientific Refreed Journal, November 2018  
LETTERS IN ORGANIC CHEMISTRY, SCI Journal, November 2018  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Yozgat Bozok University, Turkey, November 2018  
LETTERS IN ORGANIC CHEMISTRY, SCI Journal, October 2018  
MOLECULAR PHYSICS, SCI Journal, October 2018  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, SCI Journal, August 2018  
Journal of the Turkish Chemical Society, Section A: Chemistry, National Scientific Refreed Journal, July 2018  
Project Supported by Higher Education Institutions, BAP Research Project, Yozgat Bozok University, Turkey, December 2017  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, SCI Journal, September 2017  
Project Supported by Higher Education Institutions, BAP Research Project, Yozgat Bozok University, Turkey, September 2017  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, SCI Journal, July 2017  
ACTA CHIMICA SLOVENICA, SCI Journal, July 2017  
Project Supported by Higher Education Institutions, BAP Research Project, Yozgat Bozok University, Turkey, December 2016  
Project Supported by Higher Education Institutions, BAP Research Project, Gebze Technical University, Turkey, April 2016  
Project Supported by Higher Education Institutions, BAP Research Project, Yozgat Bozok University, Turkey, May 2015  
Project Supported by Higher Education Institutions, BAP Research Project, Yozgat Bozok University, Turkey, April 2015  
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Project Supported by Higher Education Institutions, BAP Research Project, Yozgat Bozok University, Turkey, March 2014  
Project Supported by Higher Education Institutions, BAP Research Project, Yozgat Bozok University, Turkey, November 2013

## **Tasks In Event Organizations**

Sağlam E. G. , 33 rd National Chemistry Congress, Scientific Congress, Tekirdağ, Turkey, Ekim 2021  
Sağlam E. G. , International Chemistry Biology Conference'18, Sharm El-Sheikh, Scientific Congress, Egypt, Temmuz 2018  
Sağlam E. G. , International Chemistry Biology Conference'18, Scientific Congress, Egypt, Temmuz 2018

Ali El-Shafei A. E. , Viksna, A., Tiwari A., Sağlam E. G. , Radwan, F. A. A. , Zeng H. C. , ANCON 2017-International Congress on Chemistry and Materials Science (5-7 October 2017), Scientific Congress, Ankara, Turkey, Ekim 2017  
Karlberg B., Sağlam E. G. , Kumar S., El-Khouly M., Khan N. U. H. , International Congress on Chemistry and Materials Science, Scientific Congress, Ankara, Turkey, Ekim 2017

### **Edit Congress and Symposium Activities**

VIII. National Inorganic Chemistry Congress (11. SESSION), Session Moderator, Tekirdağ, Turkey, 2021  
INTERNATIONAL CONGRESS ON CHEMISTRY AND MATERIALS SCIENCE (Session 19 : Food Chemistry), Session Moderator, Ankara, Turkey, 2017  
INTERNATIONAL CONGRESS ON CHEMISTRY AND MATERIALS SCIENCE (Session 18 : Computational & Theoretical Chemistry), Session Moderator, Ankara, Turkey, 2017

### **Citations**

Total Citations (WOS):59  
h-index (WOS):4

### **Non Academic Experience**

Other, Union of Turkish World Municipalities  
Other, International Istanbul Sabiha Gökçen Airport  
Other, IPM Toner Factory