

# Prof. AHMET ORHAN GÖRGÜLÜ

## Personal Information

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## International Researcher IDs

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ScopusID: 6603676688

Yoksis Researcher ID: 59911

## Education Information

Doctorate, Firat University, Institute Of Science, Turkey 1997 - 2002

Postgraduate, Firat University, Institute Of Science, Turkey 1994 - 1997

Undergraduate, Hacettepe University, Eğitim Fakültesi, Turkey 1988 - 1994

## Foreign Languages

German, A2 Elementary

English, B2 Upper Intermediate

## Certificates, Courses and Trainings

Entrepreneurship, GİRİŞİMCİLİK EĞİTİMİ, KOSGEB, 2020

## Dissertations

Doctorate, 1,3-dikloropropan-2-ol'xxün tersiler amin türevlerinden ksantatların sentezi ve geçiş metal kompleksleri, Firat University, FEN EDEBİYAT, KİMYA, 2002

Postgraduate, Borazin ve bazı borazin türevlerinin sentezi, Firat University, 1997

## Research Areas

Chemistry, Natural Sciences

## Academic Titles / Tasks

Professor, Marmara University, Faculty of Arts and Sciences, Chemistry, 2020 - Continues

Professor, Firat University, Faculty Of Science, Department Of Chemistry, 2015 - 2020

Associate Professor, Firat University, Faculty Of Science, Department Of Chemistry, 2010 - 2015

Assistant Professor, Firat University, Faculty Of Science, Department Of Chemistry, 2007 - 2010

Research Assistant, Firat University, Faculty Of Science, Department Of Chemistry, 1999 - 2007

## Academic and Administrative Experience

Head of Department, Firat University, KARAKOÇAN MYO, GIDA İŞLEME BÖLÜMÜ, 2012 - 2016

Director of Vocational School, Firat University, KARAKOÇAN MYO, 2012 - 2016

## Courses

Genel Kimya II, Undergraduate, 2018 - 2019

Koordinasyon Kimyası, Undergraduate, 2019 - 2020

Mesleki Yabancı Dil, Undergraduate, 2018 - 2019

Kimya Laboratuvarı, Undergraduate, 2017 - 2018

Temiz Enerji Kaynakları, Undergraduate, 2018 - 2019

Anorganik Kimya, Undergraduate, 2018 - 2019

Fosfor Azot Bileşikleri, Postgraduate, 2016 - 2017

Yakıt Kimyası, Undergraduate, 2016 - 2017

Magnetik Kimya, Undergraduate, 2016 - 2017

Kimya Bilim Kaynakları, Undergraduate, 2015 - 2016

Anorganik Kimya II, Undergraduate, 2015 - 2016

İleri Kuantum Kimyası, Postgraduate, 2015 - 2016

Anorganik Polimerler, Undergraduate, 2015 - 2016

Genel Kimya , Undergraduate, 2015 - 2016

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

- I. **Development of tripeptide-cyclotriphosphazene derivatives: In vitro cytotoxicity, genotoxicity studies and molecular docking analysis within ovarian and prostate cancer cell line receptors**  
Kaplan A., Çalışkan E., ÇAPAN İ., TEKİN S., Hassan M. N., Qaoud M. T., Koran K., SANDAL S., GÖRGÜLÜ A. O.  
Polyhedron, vol.264, 2024 (SCI-Expanded)
- II. **Tripeptide linked dispiro cyclotriphosphazene conjugates: Synthesis, molecular docking analysis of compounds binding within cancer cell line receptors and in vitro cytotoxic and genotoxic activities**  
Çalışkan E., ÇAPAN İ., TEKİN S., Qaoud M. T., Biryani F., Koran K., SANDAL S., GÖRGÜLÜ A. O.  
Bioorganic Chemistry, vol.150, 2024 (SCI-Expanded)
- III. **Phosphazene Tripeptide Conjugates: Design, Synthesis, In Vitro Cytotoxicity and Genotoxicity, Molecular Interactions in Binding Pockets on Human Breast and Colon Cancer Cell Lines**  
Çalışkan E., Yüksel F., ÇAPAN İ., TEKİN S., Bouzidi R., Qaoud M. T., Biryani F., Koran K., SANDAL S., GÖRGÜLÜ A. O.  
ChemMedChem, 2024 (SCI-Expanded)
- IV. **Synthesis, docking studies, in vitro cytotoxicity evaluation and DNA damage mechanism of new tyrosine-based tripeptides**  
ÇALIŞKAN E., Kaplan A., Sekerci G., ÇAPAN İ., TEKİN S., ERKAN S., KORAN K., Sandal S., GÖRGÜLÜ A. O.  
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.37, no.8, 2023 (SCI-Expanded)
- V. **Nanographene-Doped Chalcone Derivatives of Dioxybiphenyl-Bridged Dispirocyclotriphosphazenes: Synthesis, Electrical Properties, and DFT Calculations**  
Sirka L., Biryani F., Çalışkan E., Akman F., Koran K., Görgülü A. O.  
CHEMISTRYSELECT, vol.8, no.28, 2023 (SCI-Expanded)
- VI. **The first peptide derivatives of dioxybiphenyl-bridged spiro cyclotriphosphazenes: In vitro**

**cytotoxicity activities and DNA damage studies**

Koran K., Çalışkan E., Altay Öztürk D., ÇAPAN İ., TEKİN S., SANDAL S., Orhan Görgülü A. O.  
Bioorganic Chemistry, vol.132, 2023 (SCI-Expanded)

- VII. **Synthesis of New Amino Acid Conjugates Containing Cinnamic Acid Derivatives and Investigation of Their Cytotoxic and Genotoxic Properties**  
SANDAL S., TEKİN S., ÇALIŞKAN E., KORAN K., GÖRGÜLÜ A. O., ÇETİN A.  
ACTA PHYSIOLOGICA, vol.237, pp.47, 2023 (SCI-Expanded)
- VIII. **High-efficiency, environment-friendly moss-enriched microbial fuel cell**  
Cek N., ERENŞOY A., Ak N., Demirbas A., GÖRGÜLÜ A. O., Uslu H.  
INTERNATIONAL JOURNAL OF CHEMICAL REACTOR ENGINEERING, vol.20, no.11, pp.1131-1140, 2022 (SCI-Expanded)
- IX. **Hexa-substituted cyclotriphosphazene derivatives containing hetero-ring chalcones: Synthesis, in vitro cytotoxic activity and their DNA damage determination**  
Beytur A., TEKİN Ç., Caliskan E., TEKİN S., KORAN K., GÖRGÜLÜ A. O., SANDAL S.  
BIOORGANIC CHEMISTRY, vol.127, 2022 (SCI-Expanded)
- X. **Evaluation of Biological Activities and Enzyme Inhibitory Potential of 7,8-Dihydroxy-3-(4-methylphenyl) Coumarin**  
SADI G., Bora H., Cicek M., KORAN K., GÖRGÜLÜ A. O., YILMAZ İ.  
REVISTA BRASILEIRA DE FARMACOGNOSIA-BRAZILIAN JOURNAL OF PHARMACOGNOSY, vol.32, no.5, pp.749-758, 2022 (SCI-Expanded)
- XI. **Hydrogen-bond-driven supramolecular helical assembly of a coumarin-substituted phthalonitrile derivative: synthesis and in vitro anticancer activity against colorectal adenocarcinoma**  
Topkan F., ÖZDEMİR M., Ozkan B. N., Bozali K., Guler E. M., Zorlu Y., Bulut M., GÖRGÜLÜ A. O., YALÇIN B.  
ACTA CRYSTALLOGRAPHICA SECTION D-STRUCTURAL BIOLOGY, vol.78, pp.1143-1155, 2022 (SCI-Expanded)
- XII. **Synthesis of New Cinnamoyl-Amino Acid Conjugates and in Vitro Cytotoxicity and Genotoxicity Studies**  
ÇALIŞKAN E., Ozturk D. A., KORAN K., TEKİN S., SANDAL S., ERKAN S., GÖRGÜLÜ A. O., ÇETİN A.  
CHEMISTRY & BIODIVERSITY, vol.19, no.8, 2022 (SCI-Expanded)
- XIII. **Synthesis, structural characterization, theoretical and electrical properties of novel sulpho-coumarin based methacrylate polymer**  
ÖZDEMİR M., Biryani F., Koran K., YALÇIN B., GÖRGÜLÜ A. O.  
Journal of Polymer Research, vol.29, no.5, 2022 (SCI-Expanded)
- XIV. **Synthesis of Cinnamoyl-Amino Acid Ester Derivatives and Structure-Activity Relationship Based on Thermal Stability, Dielectric, and Theoretical Analysis**  
Caliskan E., Biryani F., KORAN K., Akman F., GÖRGÜLÜ A. O., ÇETİN A.  
CHEMISTRYSELECT, vol.7, no.20, 2022 (SCI-Expanded)
- XV. **A Fluorene based Fluorogenic "Turn-off" Chemosensor for the Recognition of Cu<sup>2+</sup> and Fe<sup>3+</sup>: Computational Modeling and Living-cell Application**  
KARUK ELMAS Ş. N., Aydın D., Savran T., Caliskan E., Koran K., Arslan F. N., Sadi G., GÖRGÜLÜ A. O., Yılmaz İ.  
Current Analytical Chemistry, vol.18, no.2, pp.204-216, 2022 (SCI-Expanded)
- XVI. **Synthesis and spectroscopic characterizations of hexakis[(1-(4'-oxyphenyl)-3-(substituted-phenyl)prop-2-en-1-one)]cyclotriphosphazenes: their in vitro cytotoxic activity, theoretical analysis and molecular docking studies**  
Doğan H., Bahar M. R., Çalışkan E., TEKİN S., Uslu H., Akman F., Koran K., SANDAL S., GÖRGÜLÜ A. O.  
Journal of Biomolecular Structure and Dynamics, vol.40, no.7, pp.3258-3272, 2022 (SCI-Expanded)
- XVII. **(E)-1-(4-Hydroxyphenyl)-3-(substituted-phenyl) prop-2-en-1-ones: Synthesis, in Vitro Cytotoxic Activity and Molecular Docking Studies**  
Sirka L., Doğan H., Bahar M. R., Çalışkan E., TEKİN S., Uslu H., Koran K., SANDAL S., GÖRGÜLÜ A. O.  
Acta Chimica Slovenica, vol.69, no.2, pp.281-292, 2022 (SCI-Expanded)
- XVIII. **Phthalocyanines bearing silazane group for colorectal cancer**  
Özdemir M., Artuc G. O., Guler E. M., Yalçın B., Salan Ü., Bozali K., Görgülü A. O., Bulut M.

Dyes and Pigments, vol.196, 2021 (SCI-Expanded)

- XIX. Electrical properties of amino acid substituted novel cinnamic acid compounds**  
Çalışkan E., Koran K., GÖRGÜLÜ A. O., Çetin A.  
Journal of Molecular Structure, vol.1222, 2020 (SCI-Expanded)
- XX. Synthesis and photodiode properties of chalcone substituted metallo-phthalocyanine**  
Demiroğlu M., Sirka L., Çalışkan E., Biryani F., Koran K., GÖRGÜLÜ A. O., Yakuphanoglu F.  
Journal of Molecular Structure, vol.1219, 2020 (SCI-Expanded)
- XXI. Investigation of electrical properties of organophosphazene layer based photodiode**  
Koran K., Arif B., Ali D., Dere A., ÖZEN F., Al-Sehemi A. G., Al-Ghamdi A., Orhan Görgülü A. O., Yakuphanoglu F.  
Chemical Physics, vol.538, 2020 (SCI-Expanded)
- XXII. Fluorescence "Turn On-Off" Sensing of Copper (II) Ions Utilizing Coumarin-Based Chemosensor: Experimental Study, Theoretical Calculation, Mineral and Drinking Water Analysis**  
Arslan F. N., Geyik G. A., Koran K., ÖZEN F., Aydın D., KARUK ELMAS Ş. N., GÖRGÜLÜ A. O., Yılmaz I.  
Journal of Fluorescence, vol.30, no.2, pp.317-327, 2020 (SCI-Expanded)
- XXIII. Fluorescent sensing platform for low-cost detection of Cu<sup>2+</sup> by coumarin derivative: DFT calculation and practical application in herbal and black tea samples**  
Savran T., Karagöz A., KARUK ELMAS Ş. N., Aydın D., ÖZEN F., Koran K., Arslan F. N., GÖRGÜLÜ A. O., Yılmaz İ.  
Turkish Journal of Chemistry, vol.44, no.4, pp.1148-1163, 2020 (SCI-Expanded)
- XXIV. An ultrasensitive and selective 'turn off' fluorescent sensor with simple operation for the determination of trace copper (II) ions in water and various beverage samples**  
KARUK ELMAS Ş. N., Gunay I. B., Koran K., ÖZEN F., Aydın D., Arslan F. N., GÖRGÜLÜ A. O., Yılmaz I.  
Supramolecular Chemistry, vol.31, no.12, pp.756-766, 2019 (SCI-Expanded)
- XXV. Metallo-Phthalocyanines Based Photocapacitors**  
TATAROĞLU A., Koran K., Çalışkan E., Al-Sehemi A. G., GÖRGÜLÜ A. O., Al-Ghamdi A., Yakuphanoglu F.  
Silicon, vol.11, no.3, pp.1275-1286, 2019 (SCI-Expanded)
- XXVI. Structural characterizations, thermal behavior, and electrical measurements of the amidosulfonic acid catalyzed thermal ring-opening polymerization of substituted cyclotriphosphazene in 1,2,4-trichlorobenzene solution**  
Koran K., GÖRGÜLÜ A. O.  
Advances in Polymer Technology, vol.37, no.8, pp.3229-3239, 2018 (SCI-Expanded)
- XXVII. Selective and sensitive fluorescent and colorimetric chemosensor for detection of CO<sub>3</sub><sup>2-</sup> anions in aqueous solution and living cells**  
KARUK ELMAS Ş. N., ÖZEN F., Koran K., GÖRGÜLÜ A. O., Sadi G., Yılmaz I., Erdemir S.  
Talanta, vol.188, pp.614-622, 2018 (SCI-Expanded)
- XXVIII. Structural, Electrical and Photoresponse Properties of Si-based Diode with Organic Interfacial Layer Containing Novel Cyclotriphosphazene Compound**  
TATAROĞLU A., Özen F., Koran K., Dere A., GÖRGÜLÜ A. O., Al-Senany N., Al-Ghamdi A., Farooq W., Yakuphanoglu F.  
Silicon, vol.10, no.3, pp.683-691, 2018 (SCI-Expanded)
- XXIX. Synthesis, structural and thermal characterizations and in vitro cytotoxic activities of new cyclotriphosphazene derivatives**  
Koran K., TEKİN Ç., Çalışkan E., TEKİN S., SANDAL S., GÖRGÜLÜ A. O.  
Phosphorus, Sulfur and Silicon and the Related Elements, vol.192, no.9, pp.1002-1011, 2017 (SCI-Expanded)
- XXX. Design and fabrication of dioxyphenylcoumarin substituted cyclotriphosphazene compounds photodiodes**  
Elgazzar E., Dere A., Özen F., Koran K., Al-Sehemi A. G., Al-Ghamdi A. A., Orhan Görgülü A. O., El-Tantawy F., Yakuphanoglu F.  
Physica B: Condensed Matter, vol.515, pp.8-17, 2017 (SCI-Expanded)
- XXXI. Synthesis, structural and thermal characterizations, dielectric properties and in vitro cytotoxic activities of new 2,2,4,4-tetra(4'-oxy-substituted-chalcone)-6,6-diphenylcyclotriphosphazene derivatives**  
Koran K., TEKİN Ç., Biryani F., TEKİN S., SANDAL S., GÖRGÜLÜ A. O.

- Medicinal Chemistry Research, vol.26, no.5, pp.962-974, 2017 (SCI-Expanded)
- XXXII. **Coumarin Based Highly Selective "off-on-off" Type Novel Fluorescent Sensor for Cu<sup>2+</sup> and S<sup>2-</sup> in Aqueous Solution**  
KARUK ELMAS Ş. N., Ozen F., Koran K., Yilmaz I., GÖRGÜLÜ A. O., Erdemir S.  
Journal of Fluorescence, vol.27, no.2, pp.463-471, 2017 (SCI-Expanded)
- XXXIII. **Synthesis of 2-(2,3,4-trimethoxyphenyl)-1-(substituted-phenyl)acrylonitriles: in vitro anticancer activity against MCF-7, PC-3 and A2780 cancer cell lines**  
Özen F., TEKİN S., Koran K., SANDAL S., GÖRGÜLÜ A. O.  
Research on Chemical Intermediates, vol.42, no.12, pp.7793-7805, 2016 (SCI-Expanded)
- XXXIV. **Eu<sup>3+</sup>-doped chalcone substituted cyclotriphosphazenes: Synthesis, characterizations, thermal and dielectrical properties**  
Koran K., Özen F., Biryani F., Demirelli K., GÖRGÜLÜ A. O.  
Inorganica Chimica Acta, vol.450, pp.162-169, 2016 (SCI-Expanded)
- XXXV. **Synthesis, structural characterization, and in vitro anti-cancer activities of new phenylacrylonitrile derivatives**  
Özen F., TEKİN S., Koran K., SANDAL S., GÖRGÜLÜ A. O.  
Applied Biological Chemistry, vol.59, no.2, pp.239-248, 2016 (SCI-Expanded)
- XXXVI. **Synthesis, structural characterization and dielectric behavior of new oxime-cyclotriphosphazene derivatives**  
Koran K., Özen F., Biryani F., GÖRGÜLÜ A. O.  
Journal of Molecular Structure, vol.1105, pp.135-141, 2016 (SCI-Expanded)
- XXXVII. **Synthesis, structural characterization and anti-carcinogenic activity of new cyclotriphosphazenes containing dioxybiphenyl and chalcone groups**  
GÖRGÜLÜ A. O., Koran K., Özen F., TEKİN S., SANDAL S.  
Journal of Molecular Structure, vol.1087, pp.1-10, 2015 (SCI-Expanded)
- XXXVIII. **Synthesis, characterization and dielectric properties of phosphazenes containing chalcones**  
Koran K., Özen F., Torğut G., Pihitli G., Çil E., Orhan Görgülü A. O., ARSLAN M.  
Polyhedron, vol.79, pp.213-220, 2014 (SCI-Expanded)
- XXXIX. **Synthesis, characterization, and biological-pharmacological evaluation of new phosphazenes bearing dioxybiphenyl and Schiff base groups**  
Çil E., Tanyildizi M. A., Ozen F., Boybay M., ARSLAN M., GÖRGÜLÜ A. O.  
Archiv der Pharmazie, vol.345, no.6, pp.476-485, 2012 (SCI-Expanded)
- XL. **A kinetic study of mercury(II) transport through a membrane assisted by new transport reagent**  
Karakus M., Alpoguz H. K., Kaya A., ACAR N., GÖRGÜLÜ A. O., Arslan M.  
Chemistry Central Journal, vol.5, no.1, 2011 (SCI-Expanded)
- XLI. **The synthesis, characterization and electrochemical behavior of transition metal complexes containing nitrogen heterocyclic sulphur donor ligand**  
GÖRGÜLÜ A. O., ÇELİKKAN H., Arslan M.  
Acta Chimica Slovenica, vol.56, no.2, pp.334-339, 2009 (SCI-Expanded)
- XLII. **Synthesis and characterization of benzyl and benzoyl substituted oxime-phosphazenes**  
Çil E., Arslan M., GÖRGÜLÜ A. O.  
Polyhedron, vol.25, no.18, pp.3526-3532, 2006 (SCI-Expanded)
- XLIII. **Synthesis and characterization of a new pyrrolidine containing sulfur ligand and the transition metal complexes of Co(II), Ni(II) and Cu(I)**  
GÖRGÜLÜ A. O., Arslan M., Çil E.  
Journal of Coordination Chemistry, vol.59, no.17, pp.1913-1919, 2006 (SCI-Expanded)
- XLIV. **Synthesis of oxime bearing cyclophosphazenes and their reactions with alkyl and acyl halides**  
Çil E., Arslan M., GÖRGÜLÜ A. O.  
Heteroatom Chemistry, vol.17, no.2, pp.112-117, 2006 (SCI-Expanded)
- XLV. **Synthesis and characterization of potassium 1,3-bis(N-methylpiperazino) propan-2-yl-xanthate and the complexes of Co(II), Ni(II) and Cu(I) ions**

- GÖRGÜLÜ A. O., Arslan M., Çil E.  
Journal of Coordination Chemistry, vol.59, no.6, pp.637-642, 2006 (SCI-Expanded)
- XLVI. **Synthesis and characterization of alkyl- and acyl-substituted oxime-phosphazenes**  
Çil E., Arslan M., GÖRGÜLÜ A. O.  
Canadian Journal of Chemistry, vol.83, no.12, pp.2039-2045, 2005 (SCI-Expanded)
- XLVII. **Synthesis and characterization of a new morpholine-containing sulfur ligand and transition metal complexes of Co(II), Ni(II) and Cu(I)**  
GÖRGÜLÜ A. O., Arslan M., Çil E.  
Journal of Coordination Chemistry, vol.58, no.14, pp.1225-1231, 2005 (SCI-Expanded)
- XLVIII. **An organic semiconductor and conduction mechanism: N-[5-methyl-1,3,4-tiyodiazole-2-yl] ditiyocarbamate compound**  
Yakuphanoglu F., GÖRGÜLÜ A. O., Cukurovali A.  
Physica B: Condensed Matter, vol.353, no.3-4, pp.223-229, 2004 (SCI-Expanded)
- XLIX. **The synthesis, characterization, and electrical conductivity of the potassium salt of 1,3-dipiperidin-1-ylpropan-2-O-xanthate**  
Yakuphanoglu F., GÖRGÜLÜ A. O., AYDOĞDU Y., Aydogdu A., Arslan M.  
Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry, vol.33, no.5, pp.911-923, 2003 (SCI-Expanded)
- L. **The synthesis and characterization of 1,2-dihydroxyimino-3,6-di-aza-8,9-O-iso-butylidene nonane and its complexes with Ni(II), Cu(II), Zn(II) and Cd(II)**  
Canpolat E., Kaya M., GÖRGÜLÜ A. O.  
Polish Journal of Chemistry, vol.76, no.5, pp.687-694, 2002 (SCI-Expanded)
- LI. **Synthesis and characterization of two 2-amino-5-alkyl-1,3,4-thiadiazolyl carbamate ligands and their Co(II), Ni(II), and Zn(II) complexes**  
GÖRGÜLÜ A. O., Çukurovali A.  
Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry, vol.32, no.6, pp.1033-1042, 2002 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Hidrojen Peroksit Uygulanan Sıçanlarda Beyin Kolesterol, a Ve E Vitamini Düzeyine Geraniolün Etkisi**  
ŞAHİN Z., ÖZKAYA A., YILMAZ Ö., GÖRGÜLÜ A. O.  
SELÇUK TIP DERGİSİ, vol.34, no.1, pp.18-22, 2018 (Peer-Reviewed Journal)
- II. **Geraniol attenuates hydrogen peroxide-induced liver fatty acid alterations in male rats**  
ÖZKAYA A., ŞAHİN Z., GÖRGÜLÜ A. O., YÜCE A., ÇELİK S.  
JOURNAL OF COMPLEMENTARY MEDICINE RESEARCH, vol.6, no.1, pp.29, 2017 (ESCI)
- III. **A O Görgülü M Yılmaz F Özen K Koran 2 2 bis 2 formilfenoksi 4 4 6 6 bis spiro 2 2 dioksi 1 1 bifenilil siklotrifosfazenin Schiff Bazı Türevlerinin Sentezi ve Karakterizasyonu 26 2 2014 125 131**  
GÖRGÜLÜ A. O., YILMAZ M., ÖZEN F., KENAN K.  
Firat Univ. Journal of Science, vol.26, no.2, pp.125-131, 2014 (Peer-Reviewed Journal)
- IV. **4-{4-[(E)-(2-Hydroxyphenyl)iminomethyl]phenoxy}benzene-1,2-di-carbonitrile**  
Tuncer H., GÖRGÜLÜ A. O., Hökelek T.  
Acta Crystallographica Section E: Structure Reports Online, vol.68, no.3, 2012 (Scopus)
- V. **Effect of Geraniol on Macro and Micro Elements Levels in Lung Tissue of Rats That are Subjected to Oxidative Stress**  
GÜNEŞ M., GÖRGÜLÜ A. O., ÖZMEN H.  
Pak. J. Chem., vol.2, no.4, pp.1-3, 2012 (Peer-Reviewed Journal)
- VI. **4-(Furan-2-ylmethoxy)benzene-1,2-dicarbonitrile**  
Tuncer H., GÖRGÜLÜ A. O., Hökelek T.  
Acta Crystallographica Section E: Structure Reports Online, vol.68, no.1, 2012 (Scopus)
- VII. **Alternatif Bor Bileşikleri**

GÖRGÜLÜ A. O., ARSLAN M.

BAÜ Fen Bil. Enst. Derg, vol.5, no.3, pp.42-50, 2003 (Peer-Reviewed Journal)

VIII. **Borazin ve Türevlerinin Sentezi**

GÖRGÜLÜ A. O., ARSLAN M.

Fırat Ü. Fen ve Müh. Bil. Dergisi, vol.15, no.3, pp.413-419, 2003 (Peer-Reviewed Journal)

## Books & Book Chapters

I. **BÖLÜM 18 İYONİK DENGE I ASİTLER VE BAZLAR**

GÖRGÜLÜ A. O.

in: KİMYA CİLT 2 DOKUZUNCU BASKIDAN ÇEVİRİ, MEHMET TÜFEKÇİ, SELAMİ KARSLIOĞLU, SERDAR KARABÖCEK, AHMET DEMİRBAŞ, Editor, NOBEL, Ankara, pp.703-742, 2014

II. **BÖLÜM 2 KİMYASAL FORMÜLLER VE BİLEŞENLERİN STOKİYOMETRİSİ**

GÖRGÜLÜ A. O.

in: KİMYA CİLT 1 DOKUZUNCU BASKIDAN ÇEVİRİ, MEHMET TÜFEKÇİ, SELAMİ KAARSLIOĞLU, SERDR KARABÖCEK, AHMET DEMİRBAŞ, Editor, NOBEL, Ankara, pp.48-85, 2014

## Refereed Congress / Symposium Publications in Proceedings

I. **Investigation Of Protective Effects Of Novel Amino Acid Conjugates Against Breast Cancer**

GÖRGÜLÜ A. O., KORAN K., USLU H., CAN M. İ., ÖZERCAN İ. H., ASLAN A., AĞCA C. A.

LATIN AMERICA 4TH INTERNATIONAL CONFERENCE ON SCIENTIFIC RESEARCHES, Mexico City, Mexico, 3 - 06 November 2022, vol.4, pp.447-467

II. **Electrochemical Properties of Hydroxyphenyl Coumarin Substituted Novel Metallophthalocyanine Complexes**

DİCLE C., GÖRGÜLÜ A. O., ORMAN E. B., ÖZKAYA A. R.

9 th International Conference on Materials Science and Nanotechnology for Next Generation, Ankara, Turkey, 12 October 2022

III. **Yeni Metil (7-Hidroksi-8-Metil-2-Okso-2HBenzopiran-4-Yl) Asetat Kumarin İçeren Ftalosiyanınin Kimyasal Özelliklerinin İncelenmesi**

DOĞAN Y., DİCLE C., GÖRGÜLÜ A. O., YALÇIN B., BULUT M., ÖZDEMİR M.

34. Ulusal Kimya Kongresi, Yalova, Turkey, 1 - 06 September 2022

IV. **4-Fenil-2H-Kromen-2-On İçeren Periferel ve Nonperiferel Cu ve Zn Ftalosiyanınlerin Sentezi ve Fotostabiliteilerinin İncelenmesi**

DİCLE C., ÖZDEMİR M., GÖRGÜLÜ A. O., YALÇIN B.

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- X. **Synthesis of New 1,1,3,3-Tetra(4'-oxy-3-substituted-chalcone)-5,5- diphenylcyclotri phosphazene Derivatives and Investigation of Their Anti-Cancer Activities**  
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- XI. **In Vitro Cytotoxic Activity of New Synthesized Polyphosphazenes on A2780 Cancer Cell Lines**  
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- XII. **Dielectric and Thermal Properties of Poly[3,3,5,5-tetra(4-oxy-substituted-chalcone)-1,1-Bis{spiro(2',2''-dioxy-1',1''-biphenyl)}phosphazenes]**  
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4th International conference on materials science and nanotechnology for next generation (MSNG-2017), Sarajevo, Bosnia And Herzegovina, 28 - 30 June 2017, pp.192
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- XXV. **A new turn off fluorescent sensor for copper II ion based 6,7-Dihydroxy-3,3-chlorofenyl Coumarin**  
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Görgülü A. O., Koran K., TUBITAK Project, TUBİTAK-3001 3-(Süstitüesinnamoil)-7-hidroksi-2H-chromen-2-on Grupları Taşıyan Yeni Fosfazen Bileşiklerinin Sentezi ve Farklı Türdeki İnsan Kanseri Üzerindeki Sitotoksikite ve Genotoksikite Özelliklerinin In Vitro Olarak Belirlenmesi, 2017 - 2019

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Publication: 99

Citation (WoS): 599

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## Non Academic Experience

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