

Prof. AHMET ORHAN GÖRGÜLÜ

Personal Information

Office Phone: [+90 7773351](tel:+907773351)

Email: agorgulu@marmara.edu.tr

Web: <https://avesis.marmara.edu.tr/agorgulu>

International Researcher IDs

ScholarID: w-Sh0fMAAAAJ

ORCID: 0000-0003-0632-4834

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

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

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

Courses

Postgraduate

Fosfor Azot Bileşikleri, Postgraduate, 2016 - 2017

İleri Kuantum Kimyası, Postgraduate, 2015 - 2016

Undergraduate

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

Yakıt Kimyası, Undergraduate, 2016 - 2017

Magnetik Kimya, Undergraduate, 2016 - 2017

Kimya Bilim Kaynakları, Undergraduate, 2015 - 2016

Anorganik Kimya II, Undergraduate, 2015 - 2016

Anorganik Polimerler, Undergraduate, 2015 - 2016

Genel Kimya , Undergraduate, 2015 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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, vol.20, no.3, 2025 (SCI-Expanded)
- II. **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)
- III. **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)
- 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., Çalışkan 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., Biryan 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**
Çalışkan E., Biryan 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 Cu²⁺ and Fe³⁺: Computational Modeling and Living-cell Application**
KARUK ELMAS Ş. N., Aydın D., Savran T., Çalışkan 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., Biryant F., Koran K., GÖRGÜLÜ A. O., Yakuphanoğlu 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., Yakuphanoğlu 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 Cu²⁺ 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 CO₃²⁻ 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 dioxypyhenylcoumarin 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., Biryan 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 Cu²⁺ and S²⁻ 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. **Eu³⁺-doped chalcone substituted cyclotriphosphazenes: Synthesis, characterizations, thermal and dielectrical properties**
Koran K., Özen F., Biryan 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., Biryan 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., Alpoz 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-thiadiazole-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-yl-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

I. **BÖLÜM 18 İYONİK DENGELER VE 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 KARSLIOĞLU, SERDAR KARABÖCEK, AHMET DEMİRBAŞ, Editor, NOBEL, Ankara, pp.48-85, 2014

Papers Published in Refereed Scientific Meetings

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-2H-Benzopiridin-4-Yl) Asetat Kumarin İçeren Ftalosiyanın 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 Periferik ve Nonperiferik Cu ve Zn Ftalosiyaninlerin Sentezi ve Fotostabiliteilerinin İncelenmesi**

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

4th International Eurasian Conference on Biological and Chemical Sciences (Eurasianbiochem 2021), Ankara, Turkey, 26 November - 26 December 2021, pp.1132

V. **4-Fenil-2H-Kromen-2-On İçeren Periferik ve Nonperiferik Cu ve Zn Ftalosiyaninlerin Sentezi ve Fotostabiliteilerinin İncelenmesi**

Dicle C., Özdemir M., Görgülü A. O., Yalçın B.

4th International Eurasian Conference on Biological and Chemical Sciences (Eurasianbiochem 2021), Ankara, Turkey, 10 January 2021

VI. **Coumarin Based Turn-off Fluorescent Chemosensor for the Selective and Sensitive Determination of Cu(II) Ions**

KARUK Ş. N., ÖZEN F., KORAN K., GÖRGÜLÜ A. O., YILMAZ İ.

The International Conference on Materials Science, Mechanical and Automotive Engineering and Technology in ÇEŞME/İZMİR (IMSMATEC'18), İzmir, Turkey, 10 - 12 April 2018, pp.530

- VII. **NOVEL FLUORESCENT TURN-OFF PROBE FOR DETECTION OF COPPER ION**
 YILMAZ İ., KARUK Ş. N., AYDIN K., OZEN F., KORAN K., GÖRGÜLÜ A. O.
 1st International Turkish World Engineering and Science Congress, Antalya, Turkey, 7 - 10 December 2017, pp.307
- VIII. **A Dual-Response Coumarine-Based Fluorescent Chemosensor For The Detection of Copper (II) Ions**
 KARUK Ş. N., AYDIN K., ÖZEN F., KORAN K., GÖRGÜLÜ A. O., YILMAZ İ.
 2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), October 11-13, Nevşehir, Turkey, 11 - 13 October 2017, pp.789
- IX. **Selective and Sensitive Fluorescent Turn On Chemosensor For Detection of CO₃²⁻ Anions In Aqueous Solution**
 KARUK Ş. N., ÖZEN F., KORAN K., GÖRGÜLÜ A. O., ERDEMİR S., YILMAZ İ.
 2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), Nevşehir, Turkey, 11 - 13 October 2017, pp.777
- 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**
 TEKİN S., TEKİN Ç., KORAN K., GÖRGÜLÜ A. O., SANDAL S.
 JOINT MEETING OF THE FEDERATION OF EUROPEAN PHYSIOLOGICAL SOCIETIES AND THE AUSTRIAN PHYSIOLOGICAL SOCIETY WITH PARTICIPATION OF THE CZECH, FRENCH, ITALIAN, SLOVAK, SLOVENIAN, SWISS AND TURKISH PHYSIOLOGICAL SOCIETIES (FEPS 2017), 13 - 15 September 2017, vol.221, pp.162-209
- XI. **In Vitro Cytotoxic Activity of New Synthesized Polyphosphazenes on A2780 Cancer Cell Lines**
 SANDAL S., KORAN K., TEKİN S., GÖRGÜLÜ A. O.
 IUPS 38th World Congress, Rio de Janeiro, Brazil, 1 - 05 August 2017, pp.99
- 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]**
 KORAN K., GÖRGÜLÜ A. O.
 4th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2017), Sarajevo, Bosnia And Herzegovina, 28 - 30 June 2017, pp.64
- XIII. **Investigation of Dielectric Behaviors of Chalcone Substituted Organophosphazene Compounds**
 KORAN K., BİRYAN F., GÖRGÜLÜ A. O.
 4th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2017), Sarajevo, Bosnia And Herzegovina, 28 - 30 June 2017, pp.191
- XIV. **Full Substituted Organophosphazene Bearing Chalcone Groups Based Dye-Sensitized Solar Cells**
 KORAN K., GÖRGÜLÜ A. O.
 4th International conference on materials science and nanotechnology for next generation (MSNG-2017), Sarajevo, Bosnia And Herzegovina, 28 - 30 June 2017, pp.239
- XV. **Preparation of Poly(organophosphazene) Compound: Dielectric and Thermal Properties**
 KORAN K., BİRYAN F., GÖRGÜLÜ A. O.
 4th International conference on materials science and nanotechnology for next generation (MSNG-2017), Sarajevo, Bosnia And Herzegovina, 28 - 30 June 2017, pp.192
- XVI. **Photoresponse Properties of Phthalocyanine Based Photodiodes**
 KORAN K., GÖRGÜLÜ A. O.
 4th International conference on materials science and nanotechnology for next generation (MSNG-2017), Sarajevo, Bosnia And Herzegovina, 28 - 30 June 2017, pp.240
- XVII. **Dielectric and Thermal Properties of Poly[3,3,5,5-tetrachloro-1,1-bis{spiro(2',2"-dioxy-1'-1''-biphenyl)}phosphazene]**
 KORAN K., BİRYAN F., GÖRGÜLÜ A. O.
 International Conference on Advances and Innovations in Engineering (ICAIE), Elazığ, Turkey, 10 - 12 May 2017, pp.119
- XVIII. **A NOVEL COLORIMETRIC AND FLUORESCENT CHEMOSENSOR FOR PH IN ORGANO-AQUEOUS MEDIUM**
 KARUK Ş. N., YILMAZ İ., OZEN F., KORAN K., GÖRGÜLÜ A. O.
 INTERNATIONAL CONFERENCE ON ENGINEERING TECHNOLOGY AND INNOVATION, Nevşehir, Turkey, 22 - 26 March 2017

- XIX. **Synthesis and Photodiode Applications of Cyclotriphosphazene Compound Bearing 7 8 Dihydroxy 3 3 methylphenyl coumarin Groups**
ÖZEN F., DERE A., KORAN K., YAKUPHANOĞLU F., GÖRGÜLÜ A. O.
2 nd International Conference on Organic Electronic Material Technologies (OEMT2016), Çanakkale, Turkey, 17 - 19 May 2016
- XX. **Synthesis and optoelectronic device properties of 2 2 4 4 Bis spiro 7 8 Dioxy 3 3 methylphenyl 2H chromen 2 one 4 4 6 6 bis spiro 2 2 dioxy 1 1 biphenyl cyclotriphosphazene compound**
ÖZEN F., DERE A., KORAN K., YAKUPHANOĞLU F., GÖRGÜLÜ A. O.
2 nd International Conference on Organic Electronic Material Technologies (OEMT2016), Çanakkale, Turkey, 17 - 19 May 2016
- XXI. **Organic photodetector applications of 2 2 Bis spiro 7 8 dioxy 4 methylcoumarin 4 4 6 6 bis spiro 2 2 dioxy 1 1 biphenyl cyclotriphosphazene compound**
ÖZEN F., DERE A., KORAN K., YAKUPHANOĞLU F., GÖRGÜLÜ A. O.
2 nd International Conference on Organic Electronic Material Technologies (OEMT2016), Çanakkale, Turkey, 17 - 19 May 2016
- XXII. **Investigation of Anticancer Properties of New Phosphazene Compounds Against Human Prostate Cancer Cells**
KENAN K., TEKİN S., ÇALIŞKAN E., SANDAL S., GÖRGÜLÜ A. O.
3rd International bau drug design congress, İstanbul, Turkey, 1 - 03 October 2015, vol.44, pp.157-158
- XXIII. **Cytotoxicity Properties of Novel Cylotriphosphazene Derivatives Containing Chalcones As Side Groups Against Human Prostate Cancer Cells**
KENAN K., ÇALIŞKAN E., TEKİN S., SANDAL S., GÖRGÜLÜ A. O.
3rd International bau drug design congress, İstanbul, Turkey, 1 - 03 October 2015, vol.42, pp.154-155
- XXIV. **Determination of Cytotoxicity Properties of New Synthesized Phenylacrylonirile Derivatives on Human Ovarian Cancer Cells**
ÖZEN F., TEKİN S., KENAN K., SANDAL S., GÖRGÜLÜ A. O.
3rd International Bau Drug Design Congress, İstanbul, Turkey, 1 - 03 October 2015, vol.44, pp.159
- XXV. **A new turn off fluorescent sensor for copper II ion based 6 7 Dihidroxy 3 3 chlorofenyl Coumarin**
KARUK Ş. N., Özen F., Koran K., YILMAZ İ., GÖRGÜLÜ A. O.
EUROANALYSIS XVIII, 18th edition of Euro Analysis The European Conference on Analytical Chemistry
EUROANALYSIS 2015, 6 - 10 September 2015
- XXVI. **Synthesis characterization and dielectric properties of 2 2 dichloro 4 4 6 6 bis spiro 2 2 dioxy 1 1 biphenyl cyclotriphosphazene bearing oxime ester**
BİRYAN F., ÖZEN F., KENAN K., GÖRGÜLÜ A. O.
1st International Conference on Organic Electronic Material Technologies, Elazığ, Turkey, 25 - 28 March 2015, vol.165
- XXVII. **Synthesis characterization and investigation of dielectric properties of new cyclotriphosphazene compounds containing oxime ether**
BİRYAN F., KORAN K., ÖZEN F., GÖRGÜLÜ A. O.
1st International Conference on Organic Electronic Material Technologies, Elazığ, Turkey, 25 - 28 March 2015, vol.204
- XXVIII. **Fluorescence Properties of New Synthesized Dihydroxycoumarin and Related Compounds**
ÖZEN F., KENAN K., ARSLAN M., GÖRGÜLÜ A. O.
International Conference on Pure and Applied Chemistry Crystallising Ideas: The Role of Chemistry, MAURITUS, 23 - 27 June 2014, pp.41
- XXIX. **Comparison of Fluorescence Properties of Microwave Assisted New Synthesized Arylacrylonitrile Dihydroxycoumarine and Phosphazene**
KENAN K., ÖZEN F., ARSLAN M., GÖRGÜLÜ A. O.
XVI. International Symposium on Luminescence Spectrometry Fundamentals and Applications, RHODES, Greece, 24 - 27 September 2014, pp.41
- XXX. **Fluorescence Properties of Microwave Assisted New Synthesized Dihydroxycoumarin and Related**

Compounds Challenges to open up the new era of organic photonics and electronics from material to market from Asian perspective

KENAN K., ÖZEN F., ARSLAN M., GÖRGÜLÜ A. O.

XVth International Krutyń Summer, KRUTYN, Poland, 8 - 14 June 2014

XXXI. Determination of Anti Carcinogenic Properties of Synthesized Phenylacrylonitriles on Human Breast Cancer Cell Line An In Vitro Study

ÖZEN F., TEKİN S., KENAN K., SANDAL S., GÖRGÜLÜ A. O.

2nd International bau drug design congress, İstanbul, Turkey, 17 - 19 April 2014, pp.41

XXXII. Determination of Cytotoxicity Properties of Novel Synthesized Phosphazenes on Human Prostate Cancer Cell

KENAN K., ÖZEN F., TEKİN S., SANDAL S., GÖRGÜLÜ A. O.

2nd International bau drug design congress, İstanbul, Turkey, 17 - 19 April 2014, pp.43

XXXIII. In Vitro Study of New Synthesized Dihydroxyphenylcoumarines on Human Breast Cancer Cell Line

TEKİN S., KENAN K., ÖZEN F., SANDAL S., GÖRGÜLÜ A. O.

2nd International bau drug design congress, İstanbul, Turkey, 17 - 19 April 2014, pp.40

XXXIV. Microwave assisted Synthesis and Characterization of 6 7 and 7 8 Dihydroxycoumarins

ÖZEN F., KENAN K., ARSLAN M., GÖRGÜLÜ A. O.

14th Tetrahedron Symposia, Asian Edition, Challenges In Organic and Bioorganic Chemistry, SEUL, South Korea, 21 - 24 October 2013, vol.2, pp.244

XXXV. Synthesis and antimicrobial activities of the metal complexes a new heterocyclic containing xanthate ligand

GÖRGÜLÜ A. O.

1st International Meeting on Medicinal and Pharmaceutical Chemistry (IMMC-1), Ankara, Turkey, 1 - 03 September 2002

XXXVI. The Thermal Behaviour of Alkylloxy Linear Phosphazenes

ÖZTÜRK A. İ., ÇİL E., ARSLAN M., DEMİRELLİ K., ASLAN F., GÖRGÜLÜ A. O.

37th IUPAC Congress and 27th GDCh General Meeting, Berlin, Germany, 14 - 19 August 1999

XXXVII. Borazin ve borazinin bazı türevlerinin sentezi

GÖRGÜLÜ A. O., ARSLAN M.

XII. Ulusal Kimya Kongresi, Turkey, 4 - 06 September 1998

Supported Projects

Görgülü A. O., Danış Ö., Koran K., Çalışkan E., Meletli F., Dicle C., Kapdan S., Project Supported by Higher Education Institutions, Investigation of New Drug Active Substances for the Symptomatic Treatment of Parkinson's Disease, 2024 - 2026

Görgülü A. O., TUBITAK Project, Elektro-Aktif Yan Gruplar Taşıyan Yeni Fosfazen Merkezli Bileşiklerin Elektriksel Ve Diyot/Fotodiyot Uygulamaları, 2020 - 2022

Koran K., Görgülü A. O., TUBITAK Project, Yeni Peptit Süstitüentli Siklofosfazenlerin Sentezi, Karakterizasyonu, Sitotoksikite ve DNA Hasarı İncelenmesi, 2018 - 2021

Görgülü A. O., TUBITAK Project, Bor İçerikli Bileşiklerin Mineral Yağlayıcılara Etkisi, 2019 - 2020

Görgülü A. O., Project Supported by Higher Education Institutions, Hidrotermal Sentez Yöntemi Kullanılarak Periferik Konumlarda Antrasen Grupları Taşıyan Yeni Ftalosiyanın Sentezi, Karakterizasyonu ve Elektriksel Özelliklerinin İncelenmesi, 2018 - 2020

Görgülü A. O., Project Supported by Higher Education Institutions, Hetero Halkalı Süstitüe Organofosfazen Bileşiklerinin Sitotoksik ve Genotoksik özelliklerinin İncelenmesi, 2017 - 2020

Görgülü A. O., Project Supported by Higher Education Institutions, 2,2,4,4,6,6-Hekzakis(3-(süstitüesinnamoil)-7-oksi-2h-chromen-2-on)siklotrifosfazen Bileşiklerinin Dielektrik ve Fotodiyot Özellikleri, 2017 - 2019

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

Görgülü A. O., Project Supported by Higher Education Institutions, . Hetero halkalı Kalkon Sübstitüe Yeni

Ftalosiyanın Sitotoksitesite ve Boya Duyarlı Güneş Pili Özelliklerinin İncelenmesi, 2016 - 2019

Görgülü A. O., Project Supported by Higher Education Institutions, Dihidroksikumarinlerin Metaller Karşı Sensör Özelliklerinin İncelenmesi, 2016 - 2018

Görgülü A. O., Project Supported by Higher Education Institutions, Fosfazen Bileşiklerinin Güneş Pili Özelliklerinin İncelenmesi, 2016 - 2017

Görgülü A. O., Project Supported by Higher Education Institutions, Piridin Halkalı Kalkon Sübstitüe Yeni Ftalosiyanın Sentezi ve Karakterizasyonu, 2014 - 2017

Görgülü A. O., Project Supported by Higher Education Institutions, Kumarindioksi Sübstitüe Ftalosiyanın Sentezi Karakterizasyonu ve Florimetrik Ölçümleri, 2014 - 2017

Görgülü A. O., Koran K., TUBITAK Project, Fenil ve Kalkon Grupları Taşıyan Yeni Siklotrifosfazenlerin Antikanserojenik ve Dielektrik Özellikleri Arasındaki İlişkinin Araştırılması, 2015 - 2016

Görgülü A. O., Project Supported by Higher Education Institutions, Gereniol Sübstitüentli Ftalosiyanın Sentezi ve Karakterizasyonu, 2014 - 2015

Görgülü A. O., Project Supported by Higher Education Institutions, KALKON GRUBU TAŞIYAN YENİ FOSFAZEN TÜREVLERİNİN SENTEZİ, 2012 - 2015

Görgülü A. O., Project Supported by Higher Education Institutions, Oksim ester ve eter sübstitüentli siklofosfazenlerin sentezi ve karakterizasyonu, 2013 - 2014

Arslan M., Görgülü A. O., TUBITAK Project, Diklorofosforil P Trikloromonofosfazenin Değişik Yöntemlerle Alkilerinin Sentezi, 1997 - 2000

Metrics

Publication: 99

Citation (WoS): 599

Citation (Scopus): 599

H-Index (WoS): 15

H-Index (Scopus): 15

Non Academic Experience

MEBELAZIĞ ZİYA GÖKALP İ.Ö.O., FEN BİLGİSİ ÖĞRETMENİ

MEB KIRŞEHİR ANADOLU TEKNİK LİSESİ, KİMYA ÖĞRETMENİ