

## Prof.Dr. AHMET ORHAN GÖRGÜLÜ

### Kişisel Bilgiler

İş Telefonu: [+90 7773351](tel:+907773351)

E-posta: [agorgulu@marmara.edu.tr](mailto:agorgulu@marmara.edu.tr)

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

### Eğitim Bilgileri

Doktora, Fırat Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 1997 - 2002

Yüksek Lisans, Fırat Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 1994 - 1997

Lisans, Hacettepe Üniversitesi, Eğitim Fakültesi, Türkiye 1988 - 1994

### Araştırma Alanları

Kimya, Temel Bilimler

### Akademik Unvanlar / Görevler

Prof.Dr., Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Kimya Bölümü, 2020 - Devam Ediyor

Prof.Dr., Fırat Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2015 - 2020

Doç.Dr., Fırat Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2010 - 2015

Yrd.Doç.Dr., Fırat Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2007 - 2010

Araştırma Görevlisi, Fırat Üniversitesi, Fen Fakültesi, Kimya Bölümü, 1999 - 2007

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Phthalocyanines bearing silazane group for colorectal cancer**  
ÖZDEMİR M., Artuc G. O. , Guler E. M. , YALÇIN B., SALAN Ü., Bozali K., GÖRGÜLÜ A. O. , Bulut M.  
Dyes and Pigments, cilt.196, 2021 (SCI Expanded İndekslerine Giren Dergi)

### Diğer Dergilerde Yayınlanan Makaleler

- 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, cilt.34, sa.1, ss.18-22, 2018 (Diğer Kurumların Hakemli Dergileri)
- 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, cilt.26, sa.2, ss.125-131, 2014 (Diğer Kurumların Hakemli Dergileri)
- 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., cilt.2, sa.4, ss.1-3, 2012 (Diğer Kurumların Hakemli Dergileri)

#### IV. Borazin ve Türevlerinin Sentezi

GÖRGÜLÜ A. O. , ARSLAN M.

Fırat Ü. Fen ve Müh. Bil. Dergisi, cilt.15, sa.3, ss.413-419, 2003 (Diğer Kurumların Hakemli Dergileri)

#### V. Alternatif Bor Bileşikleri

GÖRGÜLÜ A. O. , ARSLAN M.

BAÜ Fen Bil. Enst. Derg, cilt.5, sa.3, ss.42-50, 2003 (Diğer Kurumların Hakemli Dergileri)

### Kitap & Kitap Bölümleri

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

GÖRGÜLÜ A. O.

KİMYA CİLT 2 DOKUZUNCU BASKIDAN ÇEVİRİ, MEHMET TÜFEKÇİ, SELAMİ KARSLIOĞLU, SERDAR KARABÖCEK, AHMET DEMİRBAŞ, Editör, NOBEL, Ankara, ss.703-742, 2014

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

GÖRGÜLÜ A. O.

KİMYA CİLT 1 DOKUZUNCU BASKIDAN ÇEVİRİ, MEHMET TÜFEKÇİ, SELAMİ KAARSLIOĞLU, SERDR KARABÖCEK, AHMET DEMİRBAŞ, Editör, NOBEL, Ankara, ss.48-85, 2014

### Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

#### I. 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 Internatinonal Conference on Materials Science, Mechanical and Automotive Engineerings and Technology in ÇEŞME/İZMİR (IMSMATEC'18), İzmir, Türkiye, 10 - 12 Nisan 2018, ss.530

#### II. 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, Türkiye, 7 - 10 Aralık 2017, ss.307

#### III. 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, Türkiye, 11 - 13 Ekim 2017, ss.789

#### IV. Selective and Sensitive Fluorescent Turn On Chemosensor For Detection of CO<sub>3</sub><sup>2-</sup> 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, Türkiye, 11 - 13 Ekim 2017, ss.777

#### V. 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 Eylül 2017, cilt.221, ss.162-209

#### VI. In Vitro Cytotoxic Activity of New Synthesized Polyphosphazanes on A2780 Cancer Cell Lines

SANDAL S., KORAN K., TEKİN S., GÖRGÜLÜ A. O.

IUPS 38th World Congress, Rio de Janeiro, Brezilya, 1 - 05 Ağustos 2017, ss.99

#### VII. 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, Bosna-Hersek, 28 - 30 Haziran 2017, ss.192

- VIII. **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, Bosna-Hersek, 28 - 30 Haziran 2017, ss.191
- IX. **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, Bosna-Hersek, 28 - 30 Haziran 2017, ss.240
- X. **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, Bosna-Hersek, 28 - 30 Haziran 2017, ss.239
- XI. **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, Bosna-Hersek, 28 - 30 Haziran 2017, ss.64
- XII. **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, Türkiye, 10 - 12 Mayıs 2017, ss.119
- XIII. **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, Türkiye, 22 - 26 Mart 2017
- XIV. **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, Türkiye, 17 - 19 Mayıs 2016
- XV. **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, Türkiye, 17 - 19 Mayıs 2016
- XVI. **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, Türkiye, 17 - 19 Mayıs 2016
- XVII. **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, Türkiye, 1 - 03 Ekim 2015, cilt.44, ss.159
- XVIII. **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, Türkiye, 1 - 03 Ekim 2015, cilt.42, ss.154-155
- XIX. **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, Türkiye, 1 - 03 Ekim 2015, cilt.44, ss.157-158

- XX. **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 Eylül 2015
- XXI. **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, Türkiye, 25 - 28 Mart 2015, cilt.165
- XXII. **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, Türkiye, 25 - 28 Mart 2015, cilt.204
- XXIII. **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, Yunanistan, 24 - 27 Eylül 2014, ss.41
- XXIV. **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 Haziran 2014, ss.41
- XXV. **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, Polonya, 8 - 14 Haziran 2014
- XXVI. **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, Türkiye, 17 - 19 Nisan 2014, ss.43
- XXVII. **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, Türkiye, 17 - 19 Nisan 2014, ss.40
- XXVIII. **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, Türkiye, 17 - 19 Nisan 2014, ss.41
- XXIX. **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, Güney Kore, 21 - 24 Ekim 2013, cilt.2, ss.244
- XXX. **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, Türkiye, 1 - 03 Eylül 2002

**XXXI. The Thermal Behaviour of Alkyloxy 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, Almanya, 14 - 19 Ağustos 1999

**XXXII. Borazin ve borazinin bazı türevlerinin sentezi**

GÖRGÜLÜ A. O. , ARSLAN M.

XII. Ulusal Kimya Kongresi, Türkiye, 4 - 06 Eylül 1998