

## **Prof. AHMET BİLGİN**

### **Personal Information**

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### **International Researcher IDs**

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### **Education Information**

Undergraduate, Karadeniz Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1989 - 1993

### **Research Areas**

Social Sciences and Humanities, Natural Sciences

### **Academic Titles / Tasks**

Professor, Kocaeli University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2016 - Continues

### **Academic and Administrative Experience**

Kocaeli Üniversitesi, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2015 - 2016  
Kocaeli Üniversitesi, Eğitim Fakültesi, İlköğretim Bölümü, 2014 - 2016  
Kocaeli Üniversitesi, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2012 - 2015  
Kocaeli Üniversitesi, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2009 - 2012

### **Advising Theses**

BİLGİN A., Farklı Polimerik Birimler İçeren Ftalosianinlerin Sentezi, Karakterizasyonu, Çeşitli fiziksel ve Kimyasal Özelliklerinin İncelenmesi,, Postgraduate, NACIERİK(Student), 2017

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

- I. **Synthesis and properties of novel polymeric metal-free and metallophthalocyanines containing peripherally long 1,2-bis[(3-oxapropyl)oxa]benzene derivatives**  
BİLGİN A., Yanmaz D., YAĞCI Ç.  
TURKISH JOURNAL OF CHEMISTRY, vol.38, no.6, pp.1135-1152, 2014 (SCI-Expanded)
- II. **Synthesis and characterization of novel tetrakis (3-hydroxypropylmercapto)-substituted phthalocyanines**

- YAĞCI Ç., BİLGİN A.  
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, vol.17, pp.573-586, 2013 (SCI-Expanded)
- III. **Synthesis, characterization, aggregation, fluorescence, electrical and thermal properties of novel octasubstituted metal-free and metallophthalocyanines**  
YAĞCI Ç., BİLGİN A.  
POLYHEDRON, vol.51, pp.142-155, 2013 (SCI-Expanded)
- IV. **Synthesis and characterization of new metal-free and metallophthalocyanines fused alpha-methylferrocenylmethoxy units**  
BİLGİN A., YAĞCI Ç., MENDİ A., YILDIZ U.  
JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, vol.67, pp.377-383, 2010 (SCI-Expanded)
- V. **Synthesis, characterization, aggregation and thermal properties of a novel polymeric metal-free phthalocyanine and its metal complexes**  
BİLGİN A., YAĞCI Ç., YILDIZ U., ÖZKAZANÇ E., TARCAN E.  
POLYHEDRON, vol.28, no.11, pp.2268-2276, 2009 (SCI-Expanded)
- VI. **Novel porphyrazines containing peripherally functionalized macrocyclic (N<sub>2</sub>O<sub>2</sub>, N<sub>2</sub>S<sub>2</sub>) units: Synthesis and characterization**  
BİLGİN A., ERTEM B., Gok Y.  
DYES AND PIGMENTS, vol.80, no.1, pp.187-193, 2009 (SCI-Expanded)
- VII. **Synthesis and characterization of new monomeric and polymeric phthalocyanines**  
BİLGİN A., YAĞCI Ç., MENDİ A., YILDIZ U.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.110, no.4, pp.2115-2126, 2008 (SCI-Expanded)
- VIII. **Synthesis and characterization of novel supercryptands-fused porphyrazines**  
BİLGİN A., ERTEM B.  
INORGANIC CHEMISTRY COMMUNICATIONS, vol.11, no.10, pp.1113-1116, 2008 (SCI-Expanded)
- IX. **Synthesis and characterization of new soluble phthalocyanines containing macrocycle units**  
ERTEM B., BİLGİN A., KANTEKİN H., Gok Y.  
POLYHEDRON, vol.27, pp.2186-2192, 2008 (SCI-Expanded)
- X. **The synthesis and characterization of novel metal-free and metallophthalocyanines bearing eight 16-membered macrocycles**  
ERTEM B., BİLGİN A., GOEK Y., KANTEKİN H.  
DYES AND PIGMENTS, vol.77, no.3, pp.537-544, 2008 (SCI-Expanded)
- XI. **Synthesis and characterization of a novel quinoxaline-substituted vic-dioxime and its complexes containing bis(12-diazacrown-4) derivatives**  
Bilgin A., Ertem B., Goek Y.  
BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN, vol.80, no.8, pp.1549-1555, 2007 (SCI-Expanded)
- XII. **Highly organosoluble metal-free phthalocyanines and metallophthalocyanines: Synthesis and characterization**  
Bilgin A., Ertem B., Goek Y.  
EUROPEAN JOURNAL OF INORGANIC CHEMISTRY, no.12, pp.1703-1712, 2007 (SCI-Expanded)
- XIII. **Synthesis and characterization of new polymeric phthalocyanines substituted with diaza-18-crown-6 macrocycles through ethyleneoxy bridges**  
Bilgin A., Yagci C., MENDİ A., Yildiz U.  
POLYHEDRON, vol.26, no.3, pp.617-625, 2007 (SCI-Expanded)
- XIV. **Novel phthalocyanine polymers with very flexible pentathiatetraethylene units**  
Bilgin A., MENDİ A., Yildiz U.  
POLYMER, vol.47, no.26, pp.8462-8473, 2006 (SCI-Expanded)
- XV. **Synthesis, characterization and extraction studies of a new vic-dioxime and its complexes containing bis(diazacrown ether) moieties**  
Bilgin A., Ertem B., Agin F. D., Goek Y., Karslioglu S.  
POLYHEDRON, vol.25, no.16, pp.3165-3172, 2006 (SCI-Expanded)
- XVI. **Synthesis and characterization of new metal-free and metallophthalocyanines containing**

- macrocyclic moieties**  
Bilgin A., Gok Y.  
SUPRAMOLECULAR CHEMISTRY, vol.18, no.6, pp.491-499, 2006 (SCI-Expanded)
- XVII. **The synthesis and properties of new metal-free and metallophthalocyanines containing four diloop macrocyclic moieties**  
Bilgin A., Ertem B., Gok Y.  
SUPRAMOLECULAR CHEMISTRY, vol.18, no.4, pp.361-369, 2006 (SCI-Expanded)
- XVIII. **Novel network polymeric phthalocyanines: Synthesis and characterization**  
BILGIN A., YAGCI C., Yildiz U.  
MACROMOLECULAR CHEMISTRY AND PHYSICS, vol.206, no.22, pp.2257-2268, 2005 (SCI-Expanded)
- XIX. **Synthesis and characterization of new metal-free and metallophthalocyanines containing spherical or cylindrical macrotricyclic moieties**  
Bilgin A., Ertem B., Gok Y.  
POLYHEDRON, vol.24, no.10, pp.1117-1124, 2005 (SCI-Expanded)
- XX. **Synthesis and characterization of novel metal-free and metallophthalocyanines diazadioxamacrocycles**  
Bilgin A., Ertem B., Gok Y.  
SUPRAMOLECULAR CHEMISTRY, vol.17, no.4, pp.277-281, 2005 (SCI-Expanded)
- XXI. **Synthesis and characterization of a new (E,E)-dioxime and its mono and polynuclear complexes containing a 14-membered dithiadiazia macrocyclic moiety**  
Bilgin A., Ertem B., Gok Y., Dilber G., Kilicarslan M.  
JOURNAL OF COORDINATION CHEMISTRY, vol.57, no.10, pp.883-891, 2004 (SCI-Expanded)
- XXII. **Synthesis and characterization of novel metal-free phthalocyanines containing four cylindrical or spherical macrotricyclic moieties**  
Bilgin A., Ertem B., Gok Y.  
TETRAHEDRON LETTERS, vol.44, no.36, pp.6937-6941, 2003 (SCI-Expanded)
- XXIII. **The synthesis and characterization of a new metal-free phthalocyanine substituted with four diloop macrocyclic moieties**  
Bilgin A., Ertem B., Gok Y.  
TETRAHEDRON LETTERS, vol.44, no.19, pp.3829-3833, 2003 (SCI-Expanded)
- XXIV. **Synthesis and characterization of a new (E, E)-dioxime and its homo and heteronuclear complexes containing macrobicyclic moieties**  
Mendil D., Bilgin A., Gok Y., Senturk H.  
JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, vol.43, pp.265-270, 2002 (SCI-Expanded)
- XXV. **Synthesis and characterization of novel metal-free phthalocyanines substituted with four diazadithiatetraoxa or diazahexaoxamacrobicyclic moieties**  
Bilgin A., Gok Y.  
TETRAHEDRON LETTERS, vol.43, no.30, pp.5343-5347, 2002 (SCI-Expanded)
- XXVI. **Synthesis and characterization of a new dioxime and its cobalt(III) complexes as vitamin B-12 models**  
Bilgin A., Gok Y.  
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, vol.31, no.9, pp.1717-1730, 2001 (SCI-Expanded)
- XXVII. **Methyl, benzyl and pseudo-halogeno cobalt(III) complexes of a novel dioxime containing a crown ether moiety**  
Gok Y., Tufekci N., Bilgin A.  
INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY, vol.40, no.3, pp.241-246, 2001 (SCI-Expanded)
- XXVIII. **Synthesis and characterization of new metal-free phthalocyanine substituted with four diazatetrathiamacrobicyclic moieties**  
Gok Y., Kantekin H., Bilgin A., Mendil D., Degirmencioglu I.

- CHEMICAL COMMUNICATIONS, no.3, pp.285-286, 2001 (SCI-Expanded)
- XXIX. **Synthesis and characterization of novel tetraoximes and their poly-metal complexes**  
Gok Y., Bilgin A., Ertepinar H., Nisanoglu E.  
INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY, vol.39, no.12, pp.1280-1285, 2000 (SCI-Expanded)
- XXX. **A novel tetraoxime and its dinuclear and tetrานuclear transition metal complexes**  
Bilgin A., Serbest K., Gok Y.  
TRANSITION METAL CHEMISTRY, vol.25, no.1, pp.63-68, 2000 (SCI-Expanded)
- XXXI. **A new vicinal-dioxime and its mono and trinuclear complexes containing the monoazatetraoxa macrocyclic moiety**  
Karabocuk S., Bilgin A., Gok Y.  
TRANSITION METAL CHEMISTRY, vol.22, no.4, pp.420-424, 1997 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Okul Dışı Öğrenme Ortamlarının 5. Sınıf Öğrencilerinin Güneş, Dünya Ve Ay Ünitesine Yönelik Akademik Başarı Ve Tutumlarına Etkisi**  
KILIÇ H., BİLGİN A.  
İnformal Ortamlarda Araştırmalar Dergisi, vol.8, no.2, pp.211-236, 2023 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Ortaokul 5.Sınıf Fen Bilimleri Dersi Kuvvetin Ölçülmesi ve Sürtünme Ünitesinin Öğretiminde Bilimsel Tartışma Odaklı Öğretim Yönteminin Öğrencilerin Bilimsel Süreç Becerilerine ve Derse Karşı Tutumlarına Etkisi,**  
BİLGİN A., KULAÇ A.  
Cumhuriyet 8. Uluslararası Sosyal Bilimler Kongresi, Ankara, Turkey, 23 April 2023, pp.139-130

## Supported Projects

BİLGİN A., Project Supported by Higher Education Institutions, Yeni Polimerik Birimler İçeren Asimetrik Ftalosiyaniinlerin Sentezi ve Karakterizasyonu (Çiğdem YAĞCI Tez Projesi), 2010 - 2013

## Metrics

Publication: 69  
Citation (WoS): 555  
Citation (Scopus): 534  
H-Index (WoS): 15  
H-Index (Scopus): 15

## Non Academic Experience

Kocaeli Üniversitesi  
Kocaeli Üniversitesi  
Karadeniz Teknik Üniversitesi  
Karadeniz Teknik Üniversitesi