

## Asst. Prof. Beyza Cabir



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### International Researcher IDs

ORCID: 0000-0003-4735-4511

Publons / Web Of Science ResearcherID: AGB-1594-2022

Yoksis Researcher ID: 41518

### Education Information

Doctorate, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Kimya/Anorganik Kimya, Turkey 2011 - 2017

Postgraduate, Kahramanmaraş Sutcu Imam University, Institute Of Science, Kimya/Anorganik Kimya, Turkey 2007 - 2009

Undergraduate, Erciyes University, Fen Edebiyat Fakültesi, Turkey 2000 - 2005

### Dissertations

Doctorate, PARA VE BENZERİ DEĞERLİ KÂĞITLARIN BOYANMASI İÇİN TASARLANAN YENİ FTALOSİYANİN BİLEŞİKLERİN SENTEZİ, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Kimya, 2017

Postgraduate, YENİ FENOLİK ALDOKSİM VE METAL KOMPLEKSLERİNİN SENTEZİ, SPEKTROSKOPİK ÖZELLİKLERİNİN İNCELENMESİ, Kahramanmaraş Sutcu Imam University, Fen Bilimleri Enstitüsü, Kimya/Anorganik Kimya, 2009

### Research Areas

Textile Engineering and Technology, Textile Chemistry, Chemistry, Inorganic Chemistry, Inorganic Ring Compounds, Coordination Chemistry, Novel Ligands, Natural Sciences, Engineering and Technology

### Academic Titles / Tasks

Assistant Professor, Van Yüzüncü Yil University, Van Meslek Yüksekokulu, Tekstil, Giyim, Ayakkabı ve Deri Bölümü, 2018 - Continues

Research Assistant, Van Yüzüncü Yil University, Fen Fakültesi, Kimya Bölümü, 2011 - 2018

Research Assistant, Kahramanmaraş Sutcu Imam University, Institute Of Science, Kimya, 2007 - 2009

### Academic and Administrative Experience

Van Yüzüncü Yil University, 2018 - Continues

Van Yüzüncü Yil University, 2018 - Continues

Yüksekökol Kurulu Üyesi, Van Yüzüncü Yil University, Van Meslek Yüksekökolü, Tekstil, Giyim, Ayakkabı ve Deri Bölümü, 2018 - Continues

## Courses

Fluorescence Spectroscopy, Postgraduate, 2022 - 2023, 2021 - 2022

Kimyasal Lifler, Associate Degree, 2021 - 2022, 2020 - 2021

CHEMICAL TESTS, Associate Degree, 2020 - 2021

Dye Printing Technology, Associate Degree, 2021 - 2022, 2020 - 2021

FINISHING OPERATIONS, Associate Degree, 2020 - 2021

GENEL KİMYA, Associate Degree

DYEING CHEMISTRY, Associate Degree, 2019 - 2020

TEXTILE CHEMISTRY, Associate Degree, 2019 - 2020

POLYMER CHEMISTRY, Associate Degree, 2019 - 2020

ENVIRONMENT AND ENERGY, Associate Degree, 2018 - 2019

PROFESSIONAL ENGLISH, Associate Degree, 2018 - 2019

## Jury Memberships

Doctoral Examination, Doctoral Examination, Van Yüzüncü Yil Üniversitesi, March, 2022

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

- I. **Antioxidant, Antimicrobial, DNA Cleavage, Fluorescence Properties and Synthesis of 4-(3,4,5-Trimethoxybenzyloxy) Phenoxy) Substituted Zinc Phthalocyanine**  
Ağırtaş M. S., Cabir B., Gonca S., ÖZDEMİR S.  
POLYCYCLIC AROMATIC COMPOUNDS, vol.42, no.8, pp.5029-5043, 2022 (SCI-Expanded)
- II. **Co and Zn Metal Phthalocyanines with Bulky Substituents: Anticancer, Antibacterial Activities and Their Inhibitory Effects on Some Metabolic Enzymes with Molecular Docking Studies**  
TÜRKAN F., Taslimi P., Cabir B., Ağırtaş M. S., ERDEN Y., ÇELEBİOĞLU H. U., TÜZÜN B., BURSAL E., GÜLÇİN İ.  
POLYCYCLIC AROMATIC COMPOUNDS, vol.42, no.7, pp.4475-4486, 2022 (SCI-Expanded)
- III. **Synthesis, antioxidant, DNA cleavage and antimicrobial properties of phthalocyanine complexes bearing the poly-hydroxyl groups**  
Ağırtaş M. S., Cabir B., Yıldiko Ü., Özdemir S., Gonca S.  
CHEMICAL PAPERS, vol.75, no.4, pp.1749-1760, 2021 (SCI-Expanded)
- IV. **Computational DFT calculations, photovoltaic properties and synthesis of (2R, 3S)-2, 3, 4-trihydroxybutoxy substituted phthalocyanines**  
Cabir B., YILDIKO Ü., Ağırtaş M. S., HOROZ S.  
INORGANIC AND NANO-METAL CHEMISTRY, vol.50, no.9, pp.816-827, 2020 (SCI-Expanded)
- V. **Synthesis, DFT analysis, and electronic properties of new phthalocyanines bearing ETAEO substituents on peripheral position**  
Cabir B., YILDIKO Ü., Ağırtaş M. S.  
JOURNAL OF COORDINATION CHEMISTRY, vol.72, no.17, pp.2997-3011, 2019 (SCI-Expanded)
- VI. **Synthesis and antioxidant, aggregation, and electronic properties of 6-tert-butyl-1,4-benzodioxine substituted phthalocyanines**  
Ağırtaş M. S., Cabir B., Gümüş S., Özdemir S., Dundar A.  
TURKISH JOURNAL OF CHEMISTRY, vol.42, no.1, pp.100-111, 2018 (SCI-Expanded)

- VII. **Synthesis, Aggregation, Antioxidant and DNA-Binding Properties of Metallophthalocyanines Bearing 5-Tert-butyl-2-hydroxyphenoxy Groups**  
Ağırtaş M. S., Cabir B., Ozdemir S., Okumus V., ARSLANTAŞ A.  
CHEMISTRYSELECT, vol.2, no.34, pp.11352-11357, 2017 (SCI-Expanded)
- VIII. **Methylene blue photocatalytic degradation under visible light irradiation on copper phthalocyanine-sensitized TiO<sub>2</sub> nanopowders**  
Cabir B., YURDERI M., CANER N., Ağırtaş M. S., Zahmakran M., Kaya M.  
MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS, vol.224, pp.9-17, 2017 (SCI-Expanded)
- IX. **Synthesis of some metallophthalocyanines bearing 9-phenyl-9H-fluoren-9-yl) oxy functional groups and investigation of their photophysical properties**  
Cabir B., Ağırtaş M. S., Duygulu E., YÜKSEL F.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1142, pp.194-199, 2017 (SCI-Expanded)
- X. **Synthesis of metallophthalocyanines with four oxy-2,2-diphenylacetic acid substituents and their structural and electronic properties**  
Abdalrazaq S. M., Cabir B., Gümüş S., Ağırtaş M. S.  
HETEROCYCLIC COMMUNICATIONS, vol.22, no.5, pp.275-280, 2016 (SCI-Expanded)
- XI. **Novel Cobalt(II), Zinc(II) Phthalocyanines Bearing Discrete Substituents: Synthesis, Characterization, Aggregation Behavior, Electrochemical Properties, and Antioxidant Activity**  
Ağırtaş M. S., Cabir B., Dundar A., Okumus V., Ceyhan G.  
SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, vol.44, no.8, pp.1092-1098, 2014 (SCI-Expanded)
- XII. **Synthesis, spectroscopic characterization, and genotoxicity of a new group of azo-oxime metal chelates**  
Cabir B., Avar B., Gülcan M., Kayraldiz A., Kurtoglu M.  
TURKISH JOURNAL OF CHEMISTRY, vol.37, no.3, pp.422-438, 2013 (SCI-Expanded)
- XIII. **Novel metal (II) phthalocyanines with 3,4,5-trimethoxybenzyloxy-substituents: Synthesis, characterization, aggregation behaviour and antioxidant activity**  
Ağırtaş M. S., Cabir B., Ozdemir S.  
DYES AND PIGMENTS, vol.96, no.1, pp.152-157, 2013 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Synthesis of tetrakis (4-(2-phenylprop-2-yl) phenoxy) substituted phthalocyanines using a new practical method**  
Ağırtaş M. S., Durmuş C., Cabir B.  
International Journal of Chemistry and Technology, vol.3, no.1, pp.46-51, 2019 (Peer-Reviewed Journal)
- II. **Practical synthesis, characterization and photo-physical properties of metallophthalocyanines bearing benzhydryloxy substituents**  
Ağırtaş M. S., Öndeş M. Y., Cabir B.  
International Journal of Chemistry and Technology, vol.2, no.1, pp.50-55, 2018 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Synthesis and spectroscopic studies of some novel transition metal schiff base complexes**  
Toraman B., AVAR B., Kurtoğlu M.  
II. Anorganik Kimya Kongresi, Çanakkale, Turkey, 19 - 22 May 2011, pp.70
- II. **The new schiff base ligands having silane: synthesis characterization and thermal behaviors**  
Toraman B., AVAR B., Kurtoğlu M.

- IV. Ulusal Anorganik Kimya Kongresi, Çanakkale, Turkey, 19 - 22 May 2011, pp.71
- III. **Yeni ONO trifonksiyonel Azo-azometin ligandının metal komplekslerinin spektral karakterizasyonu ve biyolojik aktivitesi**  
Toraman B., KAYRALDIZ A., KURTOGLU M.  
XXIII. Ulusal Kimya Kongresi, Sivas, Turkey, 16 - 20 June 2009, pp.500
- IV. **p-Asetanilid içeren yeni schiff bazı ligandları ile bunların Co(II) ve Cu(II) komplekslerinin sentezi, karakterizasyonu ve antimikrobial özelliklerinin incelenmesi**  
İspir E., Çelik C., Aygan A., Toraman B., Serin S.  
II. Anorganik Kimya Kongresi, Elazığ, Turkey, 16 - 19 May 2009, pp.104
- V. **Yeni Schiff Bazı-Azo Bileşiklerinin Sentezi Ve Genotoksik Özelliği**  
Toraman B., İspir E., KAYRALDIZ A., Kurtoğlu M.  
II. Anorganik Kimya Kongresi, Elazığ, Turkey, 16 - 19 May 2009, pp.66
- VI. **4-[Fenildiazenil]-N-[2-(4-[Fenildiazenil]Fenil)İmino)Etiliden]Anilin'in Farklı Organik Çözücülerdeki Optik Özelliklerinin İncelenmesi**  
Toraman B., Zengin H., Zengin G., Kurtoğlu N., Kurtoğlu M.  
IV. ULUSAL ANALİTİK KİMYA KONGRESİ, Elazığ, Turkey, 25 - 27 June 2008, pp.203
- VII. **Bazı Hidroksi-Azo Boyalarının Çeşitli Organik Çözücülerde UV-Vis ve Fotolüminesans Özelliklerinin İncelenmesi**  
Toraman B., Zengin H., Zengin G., KURTOGLU M.  
IV. ULUSAL ANALİTİK KİMYA KONGRESİ, Elazığ, Turkey, 25 - 27 June 2008, pp.202
- VIII. **Yeni Azo-azometin Metal Komplekslerinin Sentezi ve Genotoksik Özelliklerinin İncelenmesi**  
Toraman B., KAYRALDIZ A., KURTOGLU M.  
XXIII. Ulusal Kimya Kongresi, Sivas, Turkey, 16 - 20 June 2008, pp.501
- IX. **Yeni Azo-Azometin Metal Komplekslerin Sentezi, Yapısal Karakterizasyonu Ve Genotoksite Özelliği**  
Toraman B., İspir E., KAYRALDIZ A., Kurtoğlu M.  
II. Anorganik Kimya Kongresi, Elazığ, Turkey, 16 - 19 May 2008, pp.67
- X. **KETEN TOHUMUNDAN YAĞ ELDESİ VE ELDE EDİLEN YAĞIN ÖZELLİKLERİNİN İNCELENMESİ**  
Benk A., Toraman B., Sarıbek D., Çoban A.  
XX. Ulusal Kimya Kongresi, Erciyes Üniversitesi, 4-8 Eylül 2006, Kayseri, Kayseri, Turkey, 4 - 08 September 2006, vol.-, pp.12

## Supported Projects

Ağırtaş M. S., Cabir B., Project Supported by Higher Education Institutions, Para ve Benzeri Değerli Kağıtların Boyanması İçin Tasarlanan Yeni Ftalosiyanın Bileşiklerin Sentezi, 2015 - 2017

## Metrics

Publication: 40

Citation (WoS): 173

Citation (Scopus): 277

H-Index (WoS): 6

H-Index (Scopus): 8