

## Doç. Dr. MÜRSEL ARICI

### Kişisel Bilgiler

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### Eğitim Bilgileri

Doktora, Eskişehir Osmangazi Üniversitesi, FEN BİLİMLERİ ENSTİTÜSÜ, Kimya (Dr), Türkiye 2013 - 2016

Yüksek Lisans, Eskişehir Osmangazi Üniversitesi, FEN BİLİMLERİ ENSTİTÜSÜ, Kimya (YI) (Tezli), Türkiye 2011 - 2013

Lisans, Ankara Üniversitesi, Fen Fakültesi, Kimya Bölümü, Türkiye 2003 - 2008

### Yaptığı Tezler

Doktora, 3,3',5,5'-azobenzentetrakarboxilat ve bazı bis(imidazol) türevi ligantlar ile çinko(II) ve kadmiyum(II)-koordinasyon polimerlerinin sentezi, yapılarının aydınlatılması ve bazı potansiyel uygulamaları, Eskişehir Osmangazi Üniversitesi, FEN BİLİMLERİ ENSTİTÜSÜ, Kimya (Dr), 2016

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### Araştırma Alanları

Kimya, İnorganik Kimya, Koordinasyon Kimyası, Temel Bilimler

### Akademik Unvanlar / Görevler

Doç. Dr., Eskişehir Osmangazi Üniversitesi, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ, 2019 - Devam Ediyor

Dr. Öğr. Üyesi, Eskişehir Osmangazi Üniversitesi, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ, 2019 - 2019

Araştırma Görevlisi, Eskişehir Osmangazi Üniversitesi, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ, 2011 - 2019

Araştırma Görevlisi, Yıldız Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2011 - 2011

### Verdiği Dersler

KİMYA, Lisans, 2017 - 2018

İŞ SAĞLIĞI VE GÜVENLİĞİ, Lisans, 2017 - 2018

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

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- II. **Synthesis and characterization of four coordination compounds with 3,5-dicarboxy-1-(3-cyanobenzyl)pyridin-1-ium bromide and investigation of the photoreaction of 2D cadmium(II) compound**  
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- III. **Multifunctional Anionic Zn(II)-MOF for Selective CO<sub>2</sub> Adsorption, Cationic Dye Removal, and Luminescence-Based pH Sensing**  
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- V. **Copper(II) and Zinc(II) coordination polymers based on glutaric acid and 1,2-bis(4-pyridyl)ethylene: Hydrothermal synthesis, characterization and thermal behaviors**  
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- IX. **Stable Two-Fold Interpenetrated Cd(II)-MOF for Selective Dye Adsorption and Luminescence Detection of Hydroxyl-Substituted Nitroaromatic Compounds**  
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- X. **Synthesis, characterization and dye adsorption property of a 2D nickel(ii)-coordination polymer constructed from tetracarboxylic acid and 1,3-bis(imidazol-1-yl-methyl)benzene**  
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- XII. **Synthesis, characterization and dye adsorption properties of a 3-fold interpenetrated cobalt(II)-metal organic framework based on (E)-5,5'-(but-2-ene-1,4-diylbis(oxy))diisophthalate and 1,4-bis(imidazole-1-yl)butane ligands**  
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- XIII. **Synthesis, characterization, and optical properties of four coordination polymers with 3,5-dicarboxy-1-(4-cyanobenzyl)pyridin-1-ium bromide**  
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- XIX. **Cobalt(II), Zinc(II) and Cadmium(II) Coordination Polymers Assembled by Flexible 5,5'-(But-2-ene-1,4-diylbis(oxy))diisophthalic Acid and 1,2-Bis((1H-imidazol-1-yl)methyl)benzene Ligands**  
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- XX. **The Effect of Metal Salts on The Structures of 2,2-Dimethylglutarate Complexes with a Flexible 1,4-bis(imidazol-1-ylmethyl)-2,3,5,6-tetramethylbenzene**  
Köse Yaman P., ARICI M., ERER H., YEŞİLEL O. Z.  
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- XXIII. **Cobalt(II) and zinc(II)-coordination polymers constructed from ether-linked tetracarboxylic acid and isomeric bis(imidazole) linkers: luminescence-based Fe(m) detection in aqueous media**  
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- XXVII. **Coordination polymers based on 3,3-dimethylglutarate and 1,4-bis((1H-imidazol-1-yl)methyl)benzene: Hydrothermal synthesis and characterizations**  
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- XXVIII. **Three Co(II) coordination polymers constructed from 2,5-di(4-pyridyl)thiazolo[5,4-d]thiazole and V-shaped dicarboxylic acids: Syntheses, characterizations, structural diversity and optical properties**  
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- XXIX. **Hydrothermal synthesis and characterization of two dimensional coordination polymers with 2,2'-dimethylglutarate and 1,2-bis(imidazol-1-ylmethyl)benzene**  
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- XXX. **Multifunctional luminescent coordination polymers based on tricarboxylic acid for the detection of 2,4-dinitrophenol and iron(iii) and aluminum(iii) ions**  
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- XXXI. **The structures and properties of zinc(II) and cadmium(II) coordination polymers based on semi-rigid phenylenediacetate and 1,4-bis(2-methylimidazol-1-ylmethyl)benzene linkers**  
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ARICI M.  
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- XXXIII. **Construction, Structural Diversity and Properties of Five Coordination Polymers Based on 5-Nitroisophthalate and Bis(imidazole) Linkers**  
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- XXXIV. **Three Co(II)-coordination polymers based on 5-tert-butyl isophthalic acid and isomeric Bis(imidazole) ligands: Synthesis, optical and magnetic properties**  
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- XXXV. **Zinc(II) and cadmium(II) coordination polymers containing phenylenediacetate and 4,4'-azobis(pyridine) ligands: Syntheses, structures, dye adsorption properties and molecular dynamics simulations**  
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- XXXVIII. **Synthesis, characterization and properties of nicotinamide and isonicotinamide complexes with diverse dicarboxylic acids**  
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- XXXIX. **CO<sub>2</sub> and Iodine Uptake Properties of Co(II)-Coordination Polymer Constructed from Tetracarboxylic Acid and Flexible Bis(imidazole) Linker**  
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- XLI. **Construction, Structural Diversity, and Properties of Seven Zn(II)-Coordination Polymers Based on 3,3',5,5'-Azobenzenetetracarboxylic Acid and Flexible Substitute Bis(imidazole) Linkers**  
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- XLV. **A Series of Zinc(II) 3D -> 3D Interpenetrated Coordination Polymers Based On Thiophene-2,5-dicarboxylate and Bis(Imidazole) Derivative Linkers**  
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- XLVII. **Naked-eye detection and thermochromic properties of Cu(II)-3,3'-thiodipropionate complexes with benzimidazole**  
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- XLVIII. **One- and three-dimensional silver(I)-5-sulfosalicylate coordination polymers having ligand-supported and unsupported argentophilic interactions**  
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- XLIX. **Novel soluble octa-substituted phthalocyanines bearing chloro and long alkyl chain containing fluorine: Synthesis, characterization and photophysical and photochemical properties**  
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- L. **Electrochemical and spectroelectrochemical properties of methylenedioxy-phenoxy-substituted novel lutetium (III) mono- and bis-phthalocyanines**

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- L.II. **2D -> 3D polycatenated and 3D -> 3D interpenetrated metal-organic frameworks constructed from thiophene-2,5-dicarboxylate and rigid bis(imidazole) ligands**  
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- L.IV. **Two dimensional coordination polymers with 3,3 '-thiodipropionate: An unprecedented coordination mode and strong hydrogen-bond network**  
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- L.V. **Electrochemical and spectroelectrochemical properties of novel lutetium(III) mono- and bis-phthalocyanines**  
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- I. **3,5-Dikarboksi-1-(4-siyanobenzil)piridinyum Zwitteriyonik Ligant ile Dört Koordinasyon Polimerinin Sentezi, Karakterizasyonu ve Optik Özellikleri**  
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- LXXV. **Electrodeposition of Ni Cu Alloy and Investigation of Corrosion Behaviour on EQCM**  
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## Desteklenen Projeler

Yeşilel O. Z., Arıcı M., Görgün K., TÜBİTAK Projesi, Tiyoferen ile fonksiyonel hale getirilmiş simetrik isoftalat ligandlarıyla metal-organik kafes (MOF) yapıların sentezi, karakterizasyonu ve metan adsorplama kapasitelerinin araştırılması, 2024 - 2026

## **Bilimsel Hakemlikler**

POLYHEDRON, SCI Kapsamındaki Dergi, Ağustos 2022

## **Metrikler**

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