

## KİŞİSEL BİLGİLER



## Öğr. Gör. Şahin BAYRAKTAR

Birim: Çekerek Fuat Oktay Sağlık Hizmetleri Meslek Yüksekokulu

Altbirim: Tıbbi Tanıtım ve Pazarlama PR.

İdari Unvan: Bölüm Başkanı

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Doğum Yeri ve Tarihi: Antakya / 1990

Uzmanlık Alanları: Kimya, İnorganik Kimya, Schiff Bazları, Koordinasyon Bileşikleri

## EĞİTİM BİLGİLERİ

Derece	Üniversite/Okul	Bölüm	A.B.D	Mezuniyet Yılı
Doktora	Hatay Mustafa Kemal Üniversitesi / Fen Bilimleri Enstitüsü	Kimya	İnorganik Kimya	Devam Ediyor
Yüksek Lisans	Hatay Mustafa Kemal Üniversitesi / Fen Bilimleri Enstitüsü	Kimya	İnorganik Kimya	2015
Lisans	Hatay Mustafa Kemal Üniversitesi / Fen Edebiyat Fakültesi	Kimya		2013

## AKADEMİK GÖREVLER

- 2019 - Devam Ediyor : Öğretim Görevlisi

## İDARİ GÖREVLER

- 2019 - 2020 : Bölüm Başkanı / Tıbbi Hizmetler ve Teknikler Bölümü
- 2020 - Devam Ediyor : Yüksekokul Müdür Yardımcısı
- 2020 - Devam Ediyor : Birim Kalite Komisyon Başkanı

## YAYINLAR

## MAKALE

&gt; Uluslararası

&gt; SCI, SSCI, AHCI Kapsamında Makale

- 2016 - Beyazit, N., Çatıkkaş, B., Bayraktar, Ş., Demetgül, C., "Synthesis, characterization and catecholase-like activity of new Schiff base metal complexes derived from visnagin: Theoretical and experimental study" Journal of Molecular Structure, 1119, 124-132.

## BİLDİRİ

&gt; Uluslararası

- 2014 - Demetgül, C., Beyazit, N., Bayraktar, Ş., "Kinetic Studies on Catecholase-Like Activity of New Schiff Base Cu(II) Complex", Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina with International Participation, Sarajevo
- 2014 - Beyazit, N., Demetgül, C., Bayraktar, Ş., "Catecholase-Mimetic Activity of Fe(II) Complex with new N2O2 Donor Schiff Base Ligand", Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina with International Participation, Sarajevo
- 2015 - Demetgül, C., Bayraktar, Ş., Beyazit N. "Copper(II) Complex of New Tetradentate Asymmetrical Schiff Base Ligand: Synthesis, Characterization and Catecholase-Mimetic Activity", ICCEAC 2015 : 17th International Conference on Chemical Engineering and Applied Chemistry, Rome
- 2015 - Beyazit, N., Bayraktar, Ş., Demetgül, C. "The Synthesis, Structure and Catalytic Activity of Iron(II) Complex with New N2O2 Donor Schiff Base Ligand", ICCEAC 2015 : 17th International Conference on Chemical Engineering and Applied Chemistry, Rome

&gt; Ulusal

- 2014 - Bayraktar, Ş., Demetgül, C., Beyazit, N., "Visnagin Temelli Schiff Bazı Cu(II) Kompleksinin Sentezi ve Katalitik Çalışmalar" 5. Ulusal Kataliz Kongresi, Adana
- 2014 - Beyazit, N., Demetgül, C., Bayraktar, Ş., "Kromon Schiff Bazı Fe(II) Kompleksinin Sentezi, Karakterizasyonu ve Katalitik Aktivitesi" 5. Ulusal Kataliz Kongresi, Adana
- 2014 - Beyazit, N., Demetgül, C., Bayraktar, Ş., "Kromon Türevi Schiff Bazı Metal Kompleksinin Sentezi, Karakterizasyonu ve Katekolaz Aktivitesinin İncelenmesi", 2. Ulusal Organik Kimya Kongresi, Ankara
- 2015 - Bayraktar, Ş., Beyazit, N., Demetgül, C., "Visnagin Temelli Yeni Tip Asimetrik Schiff Bazı Cu(II) Kompleksinin Katekolaz Benzeri Aktivitesinin Kinetik Çalışmaları", V. Ulusal Anorganik Kimya Kongresi, Mersin

## DİĞER

## ATIFLAR

- 2016 - Mono and binuclear ruthenium(II) complexes containing 5-chlorothiophene-2-carboxylic acid ligands: Spectroscopic analysis and computational studies. *Journal of Molecular Structure*, 1123, 416-425. Swarnalatha, K., Kamalesu, S., Subramanian, R.
- 2017 - Catalytic promiscuity of mononuclear copper(II) complexes in mild conditions: Catechol and cyclohexane oxidations. *Polyhedron* 123, pp. 293-304. Ferre, F.T., Resende, J.A.L.C., Schultz, J., Mangrich, A.S., Faria, R.B., Rocha, A.B., Scarpellini, M.
- 2017 - Chromone-based Schiff base metal complexes as catalysts for catechol oxidation: Synthesis, kinetics and electrochemical studies. *Tetrahedron* 73(19), pp. 2774-2779. Beyazit, N., Çakmak, D., Demetgül, C.
- 2017 - Structural, morphological and magnetic characterization of metal-chitosan/poly (vinyl amine) complexes. *Journal of Polymer Research* 24(2),20. Cocarta, A.I., Gutanu, V., Dragan, E.S.
- 2017 - Salicylaldimine-based receptor as a material for iron(III) selective optical sensing. *Journal of Photochemistry and Photobiology A: Chemistry* 346, pp. 318-326. Łukasik, N., Wagner-Wysiecka, E.
- 2017 - Synthesis, spectroscopic, antimicrobial, XRD, fluorescence of new Ni(II), Cd(II), Hg(II) and U(VI) complexes with 1-(2-furylmethylene)-N-(3-phenylallylidene)methanamine Schiff base. *Journal of Molecular Structure* 1144, pp. 136-146. El-Wahab, Z.H.A., Ali, O.A.M., Ismail, B.A.
- 2017 - New pyrazole-hydrazone derivatives: X-ray analysis, molecular structure investigation via density functional theory (DFT) and their high in-situ catecholase activity. *International Journal of Molecular Sciences* 18(11),2215. Karrouchi, K., Yousfi, E.B., Sebbar, N.K., Ramli, Y., Taoufik, J., Ouzidan, Y., Ansar, M., Mabkhot, Y.N., Ghabbour, H.A., Radi, S.
- 2018 - Effect of temperature and ligand protonation on the electronic ground state in Cu(II) polymers having unusual secondary interactions: a magnetic and catechol oxidase study. *Dalton Transactions* 47(45), pp. 16102-16118. Saha, S., Biswas, N., Sasmal, A., Gomez-Garcia, C.J., Garribba, E., Bauza, A., Frontera, A., Pilet, G., Rosair, G.M., Mitra, S., Roy Choudhury, C.
- 2018 - Chalcone and flavonol copper(II) complexes containing schiff base co-ligand: Synthesis, crystal structures and catecholase-like activity. *Croatica Chemica Acta* 91(2), pp. 195-207. Kahrović, E., Zahirović, A., Višnjevac, A., Osmanković, I., Turkušić, E., Kurtagić, H.
- 2018 - Synthesis of salen-type Schiff base metal complexes, electropolymerization on graphite electrode surface and investigation of electrocatalytic effects. *Journal of Electroanalytical Chemistry* 808, pp. 65-74. Çakmak, D., Çakran, S., Yalçinkaya, S., Demetgül, C.
- 2018 - Synthesis, characterization and antioxidant activity of chitosan-chromone derivatives. *Carbohydrate Polymers* 181, pp. 812-817. Demetgül, C., Beyazit, N.
- 2018 - Water-Soluble Copper Complex Derived from Ligand TETATA Having NNN Donors: Studies on Rapid Degradation of Organic Dyes, Catecholase and Phenoxazinone Synthase Activities. *ChemistrySelect* 3(11), pp. 2968-2975. Singh, O., Maji, A., Singh, U.P., Ghosh, K.
- 2018 - Synthesis, characterization, density functional theory, X-ray study, thermal stability, and biological and MOE relevance of metal complexes of griseofulvin. *Applied Organometallic Chemistry* 32(5),e4312. Mahmoud, W.H., Mahmoud, N.F., Mohamed, G.G.
- 2018 - Synthesis and characterization of novel chromone Schiff base complexes as p53 activators. *Applied Organometallic Chemistry* 32(6),e4345. Shakdofa, M.M.E., Mousa, H.A., Labib, A.A., Abd-El-Al, A.S., El-Beih, A.A., Abdalla, M.M.
- 2018 - Synthesis, spectroscopic, thermal, fluorescence properties and molecular modeling of novel Pt(II) complex with schiff base containing NS donor atoms. *Journal of Molecular Structure* 1173, pp. 17-25. Ayoub, M.A.
- 2019 - Physicochemical characterization of nanobidentate ferrocene-based Schiff base ligand and its coordination complexes: Antimicrobial, anticancer, density functional theory, and molecular operating environment studies. *Journal of the Chinese Chemical Society* 66(8), pp. 945-959. Mahmoud, W.H., Mahmoud, N.F., Mohamed, G.G.
- 2019 - Syntheses, crystal structures and properties of bis-schiff bases containing carboxyl and their copper(II) complexes. *Chinese Journal of Inorganic Chemistry* 35(7), pp. 1130-1138. Liang, C.-X., Liu, Z., Liang, Q.-Q., (...), Huang, H.-X., Zhang, S.-F.
- 2019 - Triazine based Mn (II) and Mn (II)/Ln (III) complexes: Synthesis, characterization and catecholase activities. *Applied Organometallic Chemistry* 33(2),e4721. Celik, D., Kose, M.

## PROJELER

- 2016 - TÜBİTAK Projesi No: 113Z604; "Ammi visnaga (Lam.) Lamarck Bitkisinden İzole Edilen Visnagin Temelli Schiff Bazı Metal Komplekslerinin Sentezi ve Katalitik Aktivitelerinin İncelenmesi" (Bursiyer)

## DERSLER

Ders Yılı	Ders Adı	Eğitim Tipi	Saat
2019	Temel Kimya	Önlisans	2
2019	Tıbbi Biyoloji ve Genetik	Önlisans	2
2019	Sanat Etkinlikleri	Önlisans	2