# ÖZGEÇMİŞ

**Kişisel Bilgiler**

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**Eğitim**

**Derece Eğitim Birimi Mezuniyet Tarihi**

Yüksek lisans KSÜ /Malzeme Bilimi ve Müh. Bölümü 2017

Lisans Bozok Üniv./ Kimya Bölümü 2010

Lise Mimar Sinan Lisesi 2004

**İş Deneyimi**

**Yıl Yer Görev**

2012------- KSÜ-ÜSKİMKimyager

**Yabancı Dil**

İngilizce

**Yayınlar**

**1.** Uruş, S., **Çaylar, M.,** Karteri, I. (2016). Synthesis of graphene supported bis (diphenylphosphinomethyl) amino ligands and their Pd (II) and Pt (II) complexes: Highly efficient and recoverable nano-catalysts on vitamin K3 production. *Chemical Engineering Journal,* 306, 961-972.

**Bildiriler**

1. Mecit Özdemir, Serhan Urus, **Mahmut Caylar,** İbrahim Karteri, Design and synthesis of a novel magnetic core-shell Fe3O4@SiO2 supported chemosensor based on Rhodamine B: Highly selective and sensitive fluorescent probe for Cr3+ and Hg2+ , *11th International Symposium on Pharmacutical Science*, June, 09-12, 2015, Ankara, Turkey.
2. Mecit Özdemir, Serhan Urus, **Mahmut Caylar**, İbrahim Karteri, A novel MWCNT supported “off–on” colorimetric fluorescent probe for iron (II) ions detection in aqueous medium, *11th International Symposium on Pharmacutical Science,* June, 09-12, 2015, Ankara, Turkey.
3. Mecit Özdemir, Serhan Uruş, **Mahmut Çaylar**, İbrahim Karteri, Seda Köşker, Hamza Adıgüzel, A Novel Silica Nanotube Supported Fluorescent Probe for Sensing of Heavy & Transition Metal Ions, *5th Natıonal Inorganic Chemistry Congress*, April 22-25, 2015 / Mersin University, Mersin, Turkey.
4. Serhan Uruş, **Mahmut Çaylar,** İbrahim Karteri, Graphene Supported Aminomethylphosphine-Pd(II) and Pt(II) Complexes: Highly Efficient Catalysts on Vitamin K3 Synthesis, *NCC6 - The 6th Catalysis Conference* April 27-30, 2016, Bursa Technical University - Bursa / Turkey, 187.
5. Serhan Uruş, Akif Hakan Kurt, Mehmet Kurt, **Mahmut Çaylar**, Kayhan Kınoğlu Synthesis of Cu(II) Complexes Of Bis(Diazoimine) Ligands: Catalytic Properties In Vitamin K3 Synthesis, *IVEK 3rd International Convention of Pharmaceuticals and Pharmacies,* 26-29 Nisan 2017 İstanbul, 401.
6. Serhan Uruş, Akif Hakan Kurt, Mehmet Kurt, **Mahmut Çaylar**, Kayhan Kınoğlu Synthesis of Bis(diazoimine) Ligands and Their Fe(III) Complexes: Catalytic Properties in Vitamin K3 Synthesis, *IVEK 3rd International Convention of Pharmaceuticals and Pharmacies,* 26-29 Nisan 2017 İstanbul, 400.
7. Serhan Uruş, **Mahmut Çaylar** Fe3O4@SiO2@RN(CH2PPh2)2VO(H2O)2SO4 Type Nanocomposite Catalysts in Vitamin K3 Synthesis, *IVEK 3rd International Convention of Pharmaceuticals and Pharmacies,* 26-29 Nisan 2017 İstanbul, 399.
8. Serhan Uruş, İbrahim Karteri, Alaaddin Gündeş, Tuğba Karakuş, **Mahmut Çaylar**, Emine Öz, Investigation of characterization and photoactivity of MWCNT@SiO2@TiO2 and MWCNT@F3O4@TiO2 nanocomposites, *International Conference on Advances and Innovations in Engineering (ICAIE),* 10-12 Mayıs 2017, Elazığ , 104.
9. Serhan Uruş, İbrahim Karteri, Alaaddin Gündeş, Ferudun Koçer, **Mahmut Çaylar**, Mehmet Kurt Structural and optical properties of GO@SiO2@TiO2 and GO@F3O4@TiO2 nanocomposites for photodiode applications, *International Conference on Advances and Innovations in Engineering (ICAIE),* 10-12 Mayıs 2017, Elazığ, 135.

**Hobiler**

Mühendislik bilimleri, Basketbol, Yüzme, Futbol, Masa tenisi, Kitap okuma