

## ÖZGEÇMİŞ VE ESERLER LİSTESİ

### ÖZGEÇMİŞ

**Adı ve Soyadı: Amirhossein Fallah**

**Doğum Tarihi: 21/09/1983**

**Doğum Yeri: Hamedan/Iran**

**Akademik Unvanı: Asst. Prof. Dr. / Lecturer**

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**Bildiği Yabancı Diller (Puan ve Yılı): English (advanced level), Turkish (intermediate)**

### Aldığı Sertifikalar:

- Workshop on Nano-biosensors in the Department of Toxicology, Tarbiat Modares University on 6 Oct 2010.
- ACS/IKM Skill Workshop for Young Malaysian Scientists and Engineers, UTM, 2013.
- Best paper and Oral presentation of International Conference on Chemistry, Biomedical and Environment Engineering (ICCBEE'14) Turkey 2014.

### Uzmanlık Alanı:

Derece	Bölüm/Program	Üniversite	Yıl
Lisans	Applied Chemistry	Bu-Ali Sina University	2009
Y. Lisans	Nano materials	University Technology Malaysia	2014
Doktora	Material Chemistry	Eastern Mediterranean University	2019
Asst. Prof.	Chemistry	Girne American University	2022

**Yüksek Lisans Tez Başlığı (özeti ekte) ve Tez Danışman(lar)ı:**

METFORMIN-FUNCTIONALIZED MESOPOROUS SBA-15  
NANOCOMPOSITE: HYDROTHERMAL SYNTHESIS, STRUCTURAL  
CHARACTERIZATION AND POTENTIAL SENSING APPLICATION,

**Supervisor:** Prof. Dr. Salasiah Endud

**Doktora Tezi/S.Yeterlik Çalışması/Tıpta Uzmanlık Tezi Başlığı (özeti ekte) ve Danışman(lar)ı:**

Boron-doped Sucrose Carbons for Supercapacitor Electrode: Artificial Neural  
Network-Based Modelling Approach

**Supervisor:** Prof. Dr. Mustafa Gazi

**Görevler:**

Görev Unvanı	Görev Yeri	Yıl
Lecturer	Girne American University	<b>2021-now</b>
Rector Consultant	D-8 International University	2021
Research Assistance (RA)	Eastern Mediterranean University	2014-2020
Research Assistance (RA)	Nanoscience and Nanotechnology Research Center (NNRC)/Iran	2007-2010

**Bilimsel Kuruluşlara Üyelikler:**

- Member, Iran Elites National Foundation.
- Member, Iranian Chemical Society (ICS)

**Ödüller:**

- Research assistant scholarship award from the EMU University for 5 years (2014-2020).
- MIS scholarship from Ministry of higher education, Malaysia 2013.
- Graduate Assistantship (GA) Scheme Award 2012 and 2013 as Teaching Assistant, Malaysia 2013.
- Research grant from Elites National Foundation 2009.
- Participate in 3rd Youth National Gathering held in 2009.

**Son iki yılda verdiği lisans ve lisansüstü düzeydeki dersler (Açılmışsa, yaz döneminde verilen dersler de tabloya ilave edilecektir):**

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2021-2022	Güz	General Chemistry	√		
		Petroleum and Gas Technology	√		
	Bahar	Pharmaceutical Chemistry 1	√	√	
		Pharmaceutical Chemistry 3	√	√	

## ESERLER

### **A. Uluslararası hakemli dergilerde yayımlanan makaleler:**

**A1.** A. Alizadeh, M. Khodaei, **A.H. Fallah**, D. Kordestani, M. Beygzadeh, The successful synthesis of biguanide-functionalized mesoporous silica catalysts: Excellent reactivity combined with facile catalyst recyclability, **Microporous and Mesoporous Materials** 159 (2012) 9–16.

**A2.** **Fallah A.H.**; Kordestani D.; Alizadeh A. and salasiah endud., Supported Palladium Catalysis using a Biguanide N-donor Motif on Mesoporous silica for Suzuki–Miyaura Coupling Reaction, **Advanced Materials Research** 622-623 (2013) 757-761.

**A3.** N,N-Dimethylbiguanide immobilized on mesoporous and magnetically separable silica: Highly selective and scalable heterogenized organocatalyst for feasible synthesis of  $\beta$ -nitroalcohols, *Iranian Journal of Catalysis* 5(3), 2015, 261-268.

**A4.** Traditional techniques applied in olive oil production results in lower quality products in Northern Cyprus, **Fallah, A.**, Gülcan, H. O., Gülcan, C., ERÇETİN, T., Kabaran, S., Kunter, İ., ... & Şahin, M. F. **Turkish Journal of Pharmaceutical Sciences**, 2018, 15(2).

**A5.** Design, synthesis and characterization of novel urolithin derivatives as cholinesterase inhibitor agents, Norouzbahari, M., Burgaz, E. V., Ercetin, T., **Fallah, A.**, Foroumadi, A., Firoozpour, L., & Gulcan, H. O. **Letters in Drug Design & Discovery**, 2018, 15(11), 1131-1140.

**A6.** Metalloporphyrin/dendrimer-decorated MCM-41 biomimetic hybrid catalysts: high stability combined with facile catalyst recyclability. **Fallah, A.H.**, Endud, S., Alizadeh, A. and Chien, L.S., **2018, Journal of Porous Materials**, pp.1-11.

**A7.** Urolithin B as a Simple, Selective, Fluorescent Probe for Sensing Iron(III) in Semi-Aqueous Solution. **Fallah, A.**, Gülcan, H. O., & Gazi, M. (**2018**). **Journal of fluorescence**, 28(5), 1255-1259.

**A8.** Investigation of cholinesterase inhibitory potential of some (1E,4E)-1,5-diphenylpenta-1,4-dien-3-one derivatives. Mavideniz, A., **Fallah, A.**, khosravi, F., Ahdeno, F., Arter, M., Gülcan, H. O. (**2019**) **EMU Journal of Pharmaceutical Sciences**.

**A9.** Urolithin A and B Derivatives as ON-OFF Selective Fluorescent Sensors for Iron(III). **Fallah, A.**, Noshadi, B., Gülcan, H. O., & Gazi, M. **Journal of fluorescenc**, (**2020**) Jan; 30(1):113-20.

**A10.** A novel chitosan based fluorescence chemosensor for selective detection of Fe (III) ion in acetic aqueous medium. Pournaki, M., **Fallah, A.**, Gülcan, H. O., Gazi, M. **Journal of materials technology**, (**2020**) Feb 24:1-6.

**A11.** THE INVESTIGATION OF THE INTERACTION OF SEVERAL ANTIPSYCHOTIC DRUGS WITH HUMAN CHOLINESTERASE ENZYMES Sanajou S, Nourhashemi S, **Fallah A**, Ercetin T, Sahin MF, Gulcan HO. **EMU Journal of Pharmaceutical Sciences**. (**2018**) 1:1-5.

**A12.** Boron-doped sucrose carbons for supercapacitor electrode: artificial neural network-based modelling approach. **Fallah, A.**, Oladipo, A.A. & Gazi, M. **J Mater Sci: Mater Electron** (**2020**). <https://doi.org/10.1007/s10854-020-04017-y>

**A13.** 3-Hydroxy-7,8,9,10-tetrahydro-6H-benzo[c]chromen-6-one and 3-hydroxy-6H-benzo[c] chromen-6-one act as on-off selective fluorescent sensors for Iron (III) under in vitro and ex vivo conditions, SHUKUR, K., **FALLAH, A.**, TERALI, K., KALKAN, R., GAZI, M., & GÜLCAN, H. O. (**2021**). **Turkish Journal of Chemistry**, 45(3), 858-867.

**B. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitaplarında (proceedings) basılan bildiriler:**

**B1. Fallah A.H.;** Alizadeh A. “An Eco-Friendly Entry to Glassy Materials through Nano- Engineered Silica Aerogel” **XIVth International Sol-Gel Conference**, Montpellier France, September **2007**.

**B2. Alizadeh, A.;** **Fallah A.H.** and Yamini Y. "Nano-Engineered Silica Aerogel: An Eco-Friendly Entry to Glassy Materials" **1st Iranian Conference of Nanotechnology in Environments**, The Center of Excellence for Environmental NanoTechnology , Isfahan University of Technology, **Isfahan, 2007**.

**B3. Fallah A.H.;** Alizadeh A.; Khodaei M.M. “Nano-engineered Silica Xerogel/Metal Composites: Reusable and Stable Heterogeneous Catalysts for Organic Transformations” **15th Iranian Seminar of Organic Chemistry**, Kermanshah, **Iran, 2008**.

**B4. Fallah A.H.;** Kordestani D.; Alizadeh A. and Salasiah Endud. “Supported Palladium Catalysis using a Biguanide N-donor Motif on Mesoporous silica for Suzuki–Miyaura Coupling Reaction” **International conference on Nanostructures and Nanomaterials and Nanoengineering**, Singapour, **2012**.

**B5. Fallah A.H.;** Chien L.S and Salasiah Endud. “Iron (III) Porphyrin Dendrimer-Mesoporous Silica as Biomimetic Catalyst for Selective Oxidation of Trimethylphenol. **Tenth Regional Annual Fundamental Science Symposium**, Johor Bahru, **Malaysia, 2012**.

**B6. Fallah A.H.;** Alizadeh A.; Salasiah endud and Khosravi F. “Metformin-Functionalized Mesoporous SBA-15 Nanocomposite: Hydrothermal Synthesis and Potential Conversion of 4-Nitrophenol to 4-Aminophenol” **International Conference on Chemistry, Biomedical and Environment Engineering (ICCBEE'14)**, Antalya, **Turkey, 2014**.

**B7. Fallah A.H.** Nourouzbahari, M., Gülcan, H. O., & Gazi, M. Questioning the N-benzyl group within the aryl-spacer-N-Benzyl pharmacophore employed for the design of cholinesterase inhibitor agent, **Pharmaceutical Chemistry : Design, Synthesis, Production and Standardization congress**, Antalya, **Turkey, 2018**.

**B8. Fallah, A.,** Gülcan, H. O., & Gazi, M. Urolithin B as a Simple, Selective, Fluorescent Probe for Sensing Iron(III) in Semi-Aqueous Solution, **1st Eurasia Biochemical Approaches & Technologies (EBAT) Congress**. Antalya, **Turkey, 2018**.

**B9.** Mustafa Gazi, **Amirhossein Fallah**, Akeem Adeyemi Oladipo. Sugar-derived Flexible Multiporous Carbon Materials For High-performance Supercapacitor, **2nd International Conference on Physical Chemistry & Functional Materials (PCFM)**, Cappadocia, **Turkey, 2019.**

**G. Diğer yayınlar:**

*(Yukarıdaki maddelerde yer alan başlıklardaki kategorilere girmeyen ve belirtilmek istenen tüm eserler bu maddenin altında belirtilecektir.)*

**G1. A.H. Fallah**, A. Alizadeh (2007), Preparation of glassy materials at room temperature through modified sol-gel technique, **Iran Patent 40213.**