

## Curriculum Vitae



**PARIA EGHBALI TOULAROUD (PhD)**  
Associate Professor

Vice-Dean, Head of Basic Pharmacy Sciences Division and Analytical Chemistry Department,  
Faculty of Pharmacy, Department of Pharmaceutical Science, Girne American University,  
99428 Kyrenia, TRNC, North Cyprus, Mersin 10, Turkey

Last Updated: 20-January-2024

E-mail: [pariaeghbali@gau.edu.tr](mailto:pariaeghbali@gau.edu.tr)

[paria.eghbali@yahoo.com](mailto:paria.eghbali@yahoo.com)

TEL: (+90) 850 6502000/1529

### Publications and Presentations:

- 18 papers in international ISI indexed Journals,
- 9 papers in international and national scientific conferences
- 3 Books/Book Chapters

### Citation and h-Index on 20-Janury-2024:

In Scopus:, 1361, h-index: 13

In Google Scholar: 1445, h-index: 13

SCOPUS ID: 57190013657

<https://www.scopus.com/authid/detail.uri?authorId=57190013657>

Google Scholar address:

<https://scholar.google.com/citations?user=3C2NWocAAAAJ&hl=en>

1. **Adı Soyadı/Name Surname:** Paria Eghbali Toularoud
2. **Doğum Tarihi ve Yeri / Date and Place of Birth:** 10.12.1983, İRAN
3. **Unvanı / Title:** Doç. Dr./Associate. Prof. Dr
4. **Öğrenim Durumu/Education:** Öğretim Üyesi, Dekan Yardımcısı, Temel Eczacılık Bilimleri Bölüm Başkanı ve Analitik Kimya Anabilim Dalı Başkanı / PhD, Vice-Dean, Head of Basic Pharmacy Sciences Division and Analytical Chemistry Department

Derece/Degree	Alan/Section	Üniversite/University	Yıl/Year
Lisans/Bchlor	Uygulamalı Kimya/ Applied Chemistry	Kimya Bölümü, Fen Fakültesi, İslamik Azad Üniversitesi, Ardabil, İran/ Chemistry Department, Faculty of Science, Islam Azad University, Ardebil, Iran	2004– 2008
Y. Lisans/MSc	Anorganik Kimya/ Inorganic Chemistry	Kimya Bölümü, Fen Fakültesi, İslamik Azad Üniversitesi, Ardabil, İran/ Chemistry Department, Faculty of Science, Islam Azad University, Ardebil, Iran	2009– 2011
Doktora/PhD.	Anorganik Kimya/ Inorganic Chemistry	Kimya Bölümü, Fen Fakültesi, Atatürk Üniversitesi, Erzurum, Türkiye Department of Inorganic Chemistry Chemistry, Faculty of Science, Atatürk University, Erzurum, Turkey	2012– 2016
Post-Doktora/ Post-Doctoral	Anorganik Kimya/ Inorganic Chemistry	Kimya Bölümü, Fen Fakültesi, Atatürk Üniversitesi, Erzurum, Türkiye/ Department of Inorganic Chemistry Chemistry, Faculty of Science, Atatürk University, Erzurum, Turkey	2017– 2018
Doçent Dr. /Associate Prof. Dr.	Kimya / Chemistry	Girne Amerikan Üniversitesi / Girne American University	2023-...

5. **Akademik Unvanlar / Academic Titles:** Doçent Doktor / Associate Professor Doctor

- Yardımcı Doçentlik Tarihi / Assistant Professor Date: -  
✓ Doçentlik Tarihi / Associate Professorship Date: 09.08.2023  
Profesörlük Tarihi / Professorship Date: -

**6. Yüksek Lisans ve Doktora Tez Başlığı:**

**6.1. Yüksek Lisans Tezi / Master Thesis:** Heterojen katalizör olarak molibden kompleksini nano gözenekli MCM-41 içerisinde immobilize edilmesi ve katalizör özelliklerini olefinlerin epoksidasyonunda incelenmesi/

Immobilization of molybdenum complex as heterogeneous catalyst in nanoporous MCM-41 and investigation of catalyst properties in epoxidation of olefins.

**6.2. Doktora Tezi / PhD Thesis:** Molibden schiff bazı komplekslerinin gözenekli moleküler elekler içerisinde immobilize edilmesi ve katalitik özelliklerinin incelenmesi/

Immobilization of molybdenum schiff base complexes in porous molecular sieves and investigation of their catalytic properties.

**7. Yönetilen Tezler (tamamlandı)**

No.	Öğrencinin adı ve soyadı/ Student's name and surname	Derece / Degree	Tarih/ Date	Tez Başlığı ve Üniversite adresi/ Thesis Title and University
1	Aydin Hassani	Yüksek lisans/ MSc	Eylül/ September 2016-2020	F Modifiye ZnO nanotellerin/Zn plakaların imalatı ve bunların su çözeltilerinden organik kirleticilerin fotokatalitik olarak uzaklaştırılmasında uygulanması (Danışman), Fizikokimya Bölümü, Kimya Fakültesi, Urmia Üniversitesi, Urmia, İRAN/ Fabrication of modified ZnO nanowires/Zn plates and their application in photocatalytic removal of organic pollutants from water solutions (Consultant), Department of Physical Chemistry, Faculty of Chemistry, Urmia University, Urmia, IRAN

**8. Yayınlar/ Publications:**

**8.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SSCI & Arts and Humanities)/**

**Articles published in international peer-reviewed journals (SCI & SSCI & Arts and Humanities)**

No.	Konu/Topic	Yayınevi/Publisher	Etki Faktör/ Impact Factor 2022	Yıl/ Year	Cilt, Sayfa No/ Volume, Page Number	Yazarlar/ Authors
18	Recent advances in design and engineering of MXene-based catalysts for photocatalysis and persulfate-based advanced oxidation processes: A state-of-the-art review	Chemical Engineering Journal ( <b>SCI-Exp</b> )	15.1	2024	480, Review 147920	<b>P Eghbali</b> , A Hassani, S Waclawek, KYA Lin, Z Sayyar, F Ghanbari
17	Insights into the synergistic role of photocatalytic activation of peroxymonosulfate by UVA-LED irradiation over CoFe <sub>2</sub> O <sub>4</sub> -rGO nanocomposite towards effective Bisphenol A degradation: Performance, mineralization, and activation	Chemical Engineering Journal ( <b>SCI-Exp</b> )	15.1	2023	453, Article 139556	A Hassani, <b>P Eghbali</b> , F Mehdipour, S Waclawek, K-Y A Lin, F Ghanbari

	mechanism					
16	Nanostructured modified layered double hydroxides (LDHs)-based catalysts: A review on synthesis, characterization, and applications in water remediation by advanced oxidation processes	Current Opinion in Solid State & Materials Science (SCI-Exp)	11	2022	26, Article 100965	A.V. Karim, A. Hassani, <b>P. Eghbali</b> , P.V. Nidheesh, F Ghanbari
15	Z-scheme photocatalysts for visible-light-driven pollutants degradation: A review on recent advancements	Current Opinion in Solid State & Materials Science (SCI-Exp)	11	2021	25, Review 100941	A. Hassani, S. Krishnan, J. Scariac, <b>P. Eghbali</b> , P.V. Nidheesh,
14	Heterogeneous sono-Fenton-like process using magnetic cobalt ferrite-reduced graphene oxide (CoFe <sub>2</sub> O <sub>4</sub> -rGO) nanocomposite for the removal of organic dyes from aqueous solution	Ultrasonics Sonochemistry (SCI-Exp)	8.4	2021	73, Article 105489	A Hassani, G Celikdag, <b>P Eghbali</b> , M Sevim, S Karaca, O Metin
13	Acetaminophen removal from aqueous solutions through peroxymonosulfate activation by CoFe <sub>2</sub> O <sub>4</sub> /mpg-C <sub>3</sub> N <sub>4</sub> nanocomposite: Insight into the performance and degradation kinetics	Environmental Technology & Innovation (SCI-Exp)	7.1	2020	20, Article 101127	A. Hassani, <b>P. Eghbali</b> , B. Kakavandi, K.Y. A. Lin, F. Ghanbari
12	Facile fabrication of mpg-C <sub>3</sub> N <sub>4</sub> /Ag/ZnO nanowires/Zn photocatalyst plates for photodegradation of dye pollutant	Journal of Photochemistry and Photobiology A: Chemistry (SCI-Exp)	4.3	2020	400, Article 112665	A. Hassani, M. Faraji, <b>P. Eghbali</b>
11	In situ synthesis of dendrimer-encapsulated palladium (0) nanoparticles as catalysts for hydrogen production from the methanolysis of ammonia borane	International Journal of Hydrogen Energy (SCI-Exp)	7.2	2019	Available online	<b>P. Eghbali</b> , M. U. Gürbüz, A. Serol Ertürk, Ö. Metin
10	Strontium titanate/mesoporous graphitic carbon nitride (SrTiO <sub>3</sub> /mpg-C <sub>3</sub> N <sub>4</sub> ), a promising sonocatalyst for removal of textile dye from water solution	Journal of Molecular Liquids (SCI-Exp)	6	2019	280, Article 111208	<b>P. Eghbali</b> , A. Hassani, B. Sündü, Ö. Metin
9	SBA-16 supported amino acid Schiff base complexes of molybdenum as new heterogeneous molybdenum catalysts	Colloids and Surfaces A: Physicochemical and Engineering Aspects (SCI-Exp)	5.2	2019	570, Article 347-353	M. Masteri-Farahan i, <b>P. Eghbali</b> , E. Şahin
8	Sonocatalytic removal of methylene blue from water	Environmental Science and Pollution Research	5.8	2018	25, Article 32140-	A. Hassani, <b>P. Eghbali</b> ,

	solution by CoFe <sub>2</sub> O <sub>4</sub> /mpg-C <sub>3</sub> N <sub>4</sub> nanocomposites: Response surface methodology approach	(SCI-Exp)			32155	Ö. Metin
7	Monodisperse cobalt ferrite nanoparticles assembled on mesoporous graphitic carbon nitride (CoFe <sub>2</sub> O <sub>4</sub> /mpg-C <sub>3</sub> N <sub>4</sub> ): A magnetically recoverable nanocomposite for the photocatalytic degradation of organic dyes	Journal of Magnetism and Magnetic Materials (SCI-Exp)	2.7	2018	456, Article 400-412	A. Hassani, P. Eghbali, A. Ekicibil, Ö. Metin
6	Sonochemical synthesis of WS <sub>2</sub> nanosheets and its application in sonocatalytic removal of organic dyes from water solution	Ultrasonics Sonochemistry (SCI-Exp)	8.4	2018	48, Article 329-339	A Khataee, P Eghbali, MH Irani-Nezhad, A. Hassani
5	Graphene hydrogel supported palladium nanoparticles as an efficient and reusable heterogeneous catalysts in the transfer hydrogenation of nitroarenes using ammonia borane as a hydrogen source	Pure and Applied Chemistry (SCI-Exp)	3.386	2018	90, Article 327-335	P. Eghbali, B. Nişancı, Ö. Metin
4	Heterogeneous sono-Fenton-like process using magnetic cobalt ferrite-reduced graphene oxide (CoFe <sub>2</sub> O <sub>4</sub> -rGO) nanocomposite for the removal of organic dyes from aqueous solution	Ultrasonics Sonochemistry (SCI-Exp)	8.4	2018	40, Article 841-852	A. Hassani, G. Çelikdağ, P. Eghbali, M. Sevim, S. Karaca, Ö. Metin
3	Immobilization of a molybdenum-glycine Schiff base complex within the nanocages of zeolite Y with flexible ligand method	Journal of Porous Materials (SCI-Exp)	2.6	2016	24, Article 39-44	P. Eghbali, E. Şahin, M. Masteri-Farahani
2	Magnetite-polyoxometalate hybrid nanomaterials: Synthesis and characterization	Chemical Engineering Journal (SCI-Exp)	15.1	2012	184, Article 342-346	M. Masteri-Farahani, J. Movassagh, F. Taghavi, P. Eghbali, F. Salimi
1	Immobilization of a molybdenum complex with tetradentate ligand on mesoporous material MCM-41 as catalyst for epoxidation of olefins	Journal of Nanostructures (ESCI)	1.4	2012	1, Article 14-20	M. Masteri-Farahani, P. Eghbali, F. Salimi

### 8.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler/ Articles published in other international peer-reviewed journals

### 8.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (*Proceedings*) basılan bildiriler/ Papers presented at international scientific meetings and published in the proceedings book

No.	Konu/Title	Yayınevi/ Publisher	Yıl/Year	Yazarlar/ Authors
9	Synthesis of CoFe <sub>2</sub> O <sub>4</sub> /mpg-C <sub>3</sub> N <sub>4</sub> nanocomposites and its application in photocatalytic removal of malachite green from water solution	14 <sup>th</sup> International Nanoscience and Nanotechnology Conference (NanoTR-14), Izmir, Turkey	Eylül/September, 22-25, 2018	A. Hassani, <b>P. Eghbali</b> , Ö. Metin
8	Synthesis of Pd nanoparticles supported on graphene hydrogel as heterogeneous catalysts for tandem dehydrogenation of ammonia borane and hydrogenation of nitroarenes	13 <sup>th</sup> International Nanoscience and Nanotechnology Conference (NanoTR-13), Antalya, Turkey	Ekim/October, 22-25, 2017	<b>P. Eghbali</b> , B. Nişancı, Ö. Metin
7	Sonocatalytic removal of a textile dye using synthesized CoFe <sub>2</sub> O <sub>4</sub> -rGO nanocomposite	13 <sup>th</sup> International Nanoscience and Nanotechnology Conference (NanoTR-13), Antalya, Turkey	Ekim/October, 22-25, 2017	<b>P. Eghbali</b> , G. Çelikdağ, A. Hassani, M. Sevim, S. Karaca, Ö. Metin
6	Encapsulation of molybdenum-Schiff base complex onto the SBA-16 and synthesis heterogeneous catalyst for epoxidation of alkenes	Proceedings of the 2 <sup>th</sup> International Nanoscience and Nanotechnology for Next Generation (NaNONG), Antalya, Turke	Ekim/October, 20-22, 2016	<b>P. Eghbali</b> , E. Şahin, M. Masteri-Farahani
5	Synthesis of new complex Schiff base as heterogeneous catalyst for epoxidation of olefins	12 <sup>th</sup> International Nanoscience and Nanotechnology Conference (NANOTR2016), 03-05June 2016, Gebze, Technical University, Turkey. Gebze Technical University, Turkey	Haziran/June, 03-05, 2016	<b>P. Eghbali</b> , E. Şahin, M. Masteri-Farahani
4	Ship-in-a-bottle immobilization of a molybdenum-phenylalanine Schiff base complex into the nanocages of Na-Y zeolite	Proceedings of the 6 <sup>th</sup> International Conference on Nanostructures (ICNS6), Kish Island, Iran	Mart/March, 07-10, 2016	<b>P. Eghbali</b> , E. Şahin, M. Masteri-Farahani
3	Immobilization of molybdenum Schiff base complexes onto the supercages of zeolite-NaY: A new heterogeneous catalyst for epoxidation of olefins	International Nanoscience and Nanotechnology for Next Generation (NANONG), Antalya, Turkey	Ekim/October, 29-31, 2015	<b>P. Eghbali</b> , E. Şahin, M. Masteri-Farahani
2	Encapsulation of a molybdenum-glycine Schiff base complex onto the supercages of Na-Y zeolite	2 <sup>nd</sup> International Conference on Chemistry, Chemical Engineering and, Chemical Process, (ICCC2014) Istanbul, Turkey	Temmuz/July, 9-11, 2014	<b>P. Eghbali</b> , E. Şahin, M. Masteri-Farahani
1	Immobilization of molybdenum-Schiff base complex derived from ethylenediamine onto the nanopores of molecular sieve and investigation of its catalytic activity	Proceedings of 5 <sup>th</sup> International Congress on Nanoscience & Nanotechnology (ICNN2014) Tehran, Iran	Ekim/October, 22-24, 2014	M. Eghbali, M. Masteri-Farahani, <b>P. Eghbali</b>

**8.4. Yazılan uluslararası kitaplar veya kitaplarda bölümler/ International books or chapters in books written**

No	Konu/Title	Yayınevi/Publisher	Yıl/Year	Yazarlar/Authors
1	Layered double hydroxides (LDHs)-based materials applied in advanced photocatalytic oxidation of pharmaceuticals, Book Chapter in: Advanced Materials for Pharmaceutical Wastewater Treatment	CRC Taylor & Francis, USA	2024, Basında/ Inpress	A. Hassani, <b>P. Eghbali</b> , F. Ghanbari,
2	Iron-based Fenton and Fenton-like catalysts for the removal of pharmaceuticals, Book Chapter in: Innovative and Hybrid Advanced Oxidation Processes for Water Treatment	Elsevier, the Netherlands	2024, Basında/ Inpress	A. Hassani, N. Pourshirband, <b>P. Eghbali</b> , Z. Sayyar
3	Activated carbon-based photocatalysts for the removal of pesticides, Book Chapter in: Pesticides in Wastewater: Removal Methods and Future Trends	Apple Academic Press, Taylor & Francis, USA	2024 Basında/ Inpress	P. Ghorbani, A. Hassani, <b>P. Eghbali</b> , A. Abbasi,

**8.5. Ulusal hakemli dergilerde yayınlanan makaleler/ Articles published in national peer-reviewed journals**

**8.6. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler/ Papers presented at national scientific meetings and published in the proceedings book**

No.	Konu/ Subject	Konu ve Adres/ Subject and Address	Yıl/ Year	Yazarlar/ Authors
1	Molibden-Schiff bazlı kompleksinin Na-Y zeolit içerisinde immobilizasyonu ve olefinlerin epoksidasyonda katalitik özelliklerinin incelenmesi	<sup>12</sup> th Ulusal Kimya mühendisliği kongresi (UKMK2016), İzmir, Turkey	Ağustos/ August 23-26, 2016	<b>P. Eghbali</b> , E. Şahin, M. Masteri-Farahani
2	Immobilized molybdenum Schiff base complex in the nanolayers of montmorillonite as selective catalyst for epoxidation of alkenes	<sup>13</sup> th Iranian Inorganic Chemistry Conference, Razi University, Kermanshah, Iran.	Eylül/ September, 7-8, 2011,	<b>P. Eghbali</b> , S. Mahdavi, M. Masteri-Farahani, T. Mahdian, F. Salimi,
3	Immobilization of a molybdenum complex with tetradentate ligand on mesoporous material MCM-41 as catalyst for epoxidation of olefins",	<sup>13</sup> th Iranian Inorganic Chemistry Conference Razi University, Kermanshah, Iran	Eylül/ September, 7-8, 2011,	S. Mahdavi-Hezaveh, M. Masteri-Farahani, <b>P. Eghbali</b> , F. Salimi,
4	Compositing molybdenum-Schiff base complex from acetylacetone and diethylenetriamine in MCM-41 nanocavities and identifying the resulting composition	<sup>10</sup> th Nanotechnology Student Conference, Caspian Technical College, College of Engineering, Tehran University, Iran.	Eylül/ September 23-25, 2011,	<b>P. Eghbali</b> , M. Maestri-Farahani, F. Salimi,

**8.7. Diğer yayınlar/ Other publications**

## 9. Projeler/ Projects

GAU Eczacılık Fakültesinde Yönetilen Tez Projeleri

No.	Öğrencinin adı ve soyadı/ Student's name and surname	Derece/ Degree	Tarih/ Date	Tez Başlığı ve Üniversite / Thesis Title and University
1	Ecem ERDOĞAN	M. Pharm	Temmuz 2019-2020	Design and fabrication of carbon based nanomaterials for environmental applications
2	Bekir Utku ÖZDEMİR	M. Pharm	Haziran 2020-2021	Recent advances in layered double hydroxides/semiconductors based photocatalysts for pharmaceuticals degradation.
3	Alperen SÜMER	M. Pharm	Haziran 2020-2021	Application of carbon-based materials for heterogeneous sonocatalysis of pharmaceuticals.
4	Ozan ÖZKAPLAN	M. Pharm	Haziran 2020-2021	Recent progress in sonochemical treatments of pharmaceuticals-contaminated wastewater by carbon-based materials
5	Mehmet Gufran YILDIZ	M. Pharm	Haziran 2020-2021	Removal of pharmaceutical compounds from water by Fenton-type processes.
6	İsmail COŞAR	M. Pharm	Haziran 2021-2022	Carbon nanomaterials: Fundamentals and Pharmaceutical Applications
7	İhsan ER	M. Pharm	Haziran 2021-2022	Sonochemical Processes for the Degradation of Pharmaceuticals in Aqueous Solutions: A Review on Recent Advances
8	Yılmaz TURSUN	M. Pharm	Haziran 2021-2022	Recent Progress in Layered Double Hydroxides (LDHs)-Based Catalysts for the Removal of Pharmaceuticals
9	Batuhan ÖRS	M. Pharm	Ağustos 2021-2022	Electrochemical Advanced Oxidation Processes as Treatment Techniques for the Removal of Pharmaceuticals from Wastewater
10	Yusuf YÜKSEK	M. Pharm	Ağustos 2021-2022	Role of Biotechnology in Covid-19 Vaccine Development
11	Muhammed Ramazan PEHLİVAN	M. Pharm	Ağustos 2021-2022	Breast Cancer and Treatment Methods in Women's Health
12	Yağmur Buse ÇINAR	M. Pharm	Haziran 2022-2023	Electrochemical Advanced Oxidation Processes for the Treatment of Pollutants

## 10. İdari Görevler/ Administrative Duties:

Öğretim Üyesi, Dekan Yardımcısı, Temel Eczacılık Bilimleri Bölüm Başkanı ve Analitik Kimya Anabilim Dalı Başkanı / PhD, Vice-Dean, Head of Basic Pharmacy Sciences Division and Analytical Chemistry Department



### 11. Bilimsel ve Mesleki Kuruluşlara Üyelikler / Memberships to Scientific and Professional Organizations

2016–2022 Present İran Kimya Derneği, İran/ Member of Iranian Chemical Society, Iran

2010-2022 Özel Nanoteknoloji geliştirme üyesi / Member of development of special Nanotechnology

### 12. Ödüller / Awards

13. Son iki yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler için aşağıdaki tabloyu doldurunuz/  
Fill in the table below for the undergraduate and graduate level courses you have taught in the last two years.

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teoric	Uygulama	
2018-2019	Fall	Genel Kimya (Türkçe)	2	0	69
	Spring	Analytical Chemistry II (English)	2	3	4
		Analytical Chemistry I (English)	2	3	30
		Physic (English)	3	0	29
	Summer	Analytical Chemistry II (English)	2	3	3
		Analytical Chemistry I (English)	2	3	3
2019-2020	Fall	Analytical Chemistry (I) (English)	2	3	54
		Analytical Chemistry (II) (English)	2	3	28
		Physics (English)	3	0	20
		General Chemistry (English)	3	0	19
		Organic Chemistry (English)	4	0	91
		Graduation Project (I)	0	14	1
	Spring	Analytical Chemistry (I) (English)	2	3	69
		Analytical Chemistry (II) (English)	2	3	53
		Physics (English)	3	0	19
		General Chemistry (English)	3	0	25
		Organic Chemistry (English)	4	0	20
		Graduation Project (II)	0	16	3
	Summer	Organic Chemistry (English)	4	0	1
		Analytical Chemistry (I) (English)	2	3	1
2020-2021	Fall	Analytical Chemistry (I) (English)	2	3	20
		Analytical Chemistry (II) (English)	2	3	41
		Physics (English)	3	0	30
		General Chemistry (English)	3	0	35
		Organic Chemistry (English)	4	0	22
		Graduation Project (I)	0	14	4
	Spring	Analytical Chemistry (I) (English)	2	3	29
		Analytical Chemistry (II) (English)	2	3	16
		Physics (English)	3	0	18
		General Chemistry (English)	3	0	19
		Organic Chemistry (English)	4	0	26
		Graduation Project (II)	0	16	4
	Summer	Physics	3	0	1
		General Chemistry	3	0	1
		Organic Chemistry	4	0	1
2021-2022	Fall	Analytical Chemistry (II) (English)	2	3	23
		General Chemistry (English)	3	0	45
		Graduation Project (I)	0	14	4
		Kimya (Türkçe)	2	0	38
	Spring	Analytical Chemistry (I) (English)	2	3	42

		General Chemistry (English)	3	0	17
		Organic Chemistry (English)	4	0	39
		Graduation Project (II)	0	16	3
	Summer	Organic Chemistry (English)	4	0	1
		Graduation Project (II)	0	16	3
	2022-2023	Fall	Analytical Chemistry (II) (English)	2	3
General Chemistry (English)			3	0	38
Graduation Project (I)			0	14	3
Spring		General Chemistry	3	0	37
		Organic Chemistry1	3	0	27
		Graduation Project (II)	0	16	1
Summer		Organic Chemistry (I)	3	0	11
		Graduation Project (II)	0	16	2
2023-2024	Fall	General Chemistry (English)	3	0	35
		Organic Chemistry(II) (English)	3	0	25
		Analytical Chemistry(I) (English)	3	0	53
		Analutical Chemistry 1 Lab (English)	0	3	53
		Graduation Project (I)	4	12	4
	Spring				

**Not:** Açılmışsa, yaz döneminde verilen dersler de tabloya ilave edilecektir.

- **Dil becerileri**

- ✓ İngilizce TOEFL 98/120
- ✓ Türkçe TOMER 76/100
- ✓ Azerice Anadili
- ✓ Farsça Akıcı

- **Öğretim Deneyimleri**

- ✓ 2010-2011 Öğretim Üyesi, Temel fizik, Uygulamalı Bilim ve Teknoloji Üniversitesi, Talesh, İran.
- ✓ 2009-2011 Öğretim Üyesi, Genel Kimya, Payame Noor Üniversitesi, Talesh, İran.
- ✓ 2009-2011 Öğretim Üyesi, Genel Kimya Laboratuvarı, Payame Noor Üniversitesi, Talesh, İran.
- ✓ 2009-2011 Öğretim Üyesi, Organik Kimyasalların Ayrılması, Payame Noor Üniversitesi, Talesh, İran.
- ✓ 2009-2011 Öğretim Üyesi, Organik Kimyasalların Ayrılması Laboratuvarı, Payame Noor Üniversitesi, Talesh, İran.
- ✓ 2009-2011 Öğretim Üyesi, Organik Kimya Laboratuvarı, Payame Noor Üniversitesi, Talesh, İran.
- ✓ 2018- Halen Öğretim Üyesi, General chemistry, Analytical Chemistry (I) ve (II) ve Laboratuvarları, Organic Chemistry ve Physics derslerini vermekteyim.

- **Deneyim ve Eğitim Kurslarına Katılım**

- ✓ Tübitak proje hazırlama, Proje geliştirme ve koordinasyon ofisi eğitimi, Atatürk Üniversitesi, Erzurum, Türkiye
- ✓ Deneme Yazım Teknikleri, Hazar Teknik Üniversitesi, Pardis, Tahran Üniversitesi Teknik Fakültesi, İran
- ✓ Olex2 tarafından kristalografik araştırma için çok yönlü yazılım, Dokuz Eylül Üniversitesi, İzmir, Türkiye
- ✓ Shelx tarafından kristalografik araştırma için çok yönlü yazılım, Atatürk Üniversitesi, Erzurum, Türkiye
- ✓ Merkür'den Kristal Yapı Görselleştirme, Atatürk Üniversitesi, Erzurum,

- **Dergilerin Hakemi**

- ✓ Langmuir, **American Chemical Society**
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- **Araştırma Alanları**

- ✓ Gözenekli (proz ve nanopor) Malzemeler
- ✓ Yeşil Kimya
- ✓ Katalizör
- ✓ Heterojen Katalizör
- ✓ Katalizör Sentezi
- ✓ Katalizör Karakterizasyonu
- ✓ Foto-Katalizör
- ✓ Sono-Katalizör
- ✓ Fenton
- ✓ Sono-Fenton
- ✓ Hidrojenasyon
- ✓ Olefinlerin Epoksidasyonu
- ✓ Dendrimerler
- ✓ Dehydrocoupling
- ✓ Kuantum dotlar (QDOTs)
- ✓ Hidrogel
- ✓ Kristalografi