

MD ATEFEH EMAMI

Personal Information

Email: Atefeh.Emami@acibadem.edu.tr

Web: <https://avesis.acibadem.edu.tr/Atefeh.Emami>

Address: atefeh.emami@acibadem.edu.tr

International Researcher IDs

ORCID: 0000-0002-0298-2154

Education

Post Doctorate, Acibadem Mehmet Ali Aydinlar University, Graduate School Of Natural And Applied Sciences, Turkey
2023 - Continues

Post Doctorate, Acibadem Mehmet Ali Aydinlar University, Faculty Of Engineering and Natural Sciences, Biomedical
Engineering, Turkey 2023 - 2023

Post Doctorate, Acibadem Mehmet Ali Aydinlar University, Faculty Of Engineering and Natural Sciences, Biomedical
Engineering, Turkey 2021 - 2023

Doctorate, Elm ve Sanat Iran Üniversitesi, Iran 2013 - 2018

Postgraduate, Elm ve Sanat Iran Üniversitesi, Iran 2011 - 2013

Undergraduate, Tabriz University, Iran 2007 - 2011

Research Areas

Natural Sciences

Courses

Undergraduate

Basic Chemistry II , Undergraduate, 2023 - 2024

Journal articles indexed in SCI, SSCI, and AHCI

- I. Catalytic efficiency of GO-PANI nanocomposite in the synthesis of N-Aryl-1,4-Dihydropyridine and hydroquinoline derivatives**
Ghafuri H., Keshvari M., Eshrati F., Hanifehnejad P., Emami A., Zand H. R. E.
SCIENTIFIC REPORTS, vol.15, no.1, pp.2791, 2025 (SCI-Expanded)
- II. Synthesis, Photo-Characterizations, and Pre-Clinical Studies on Advanced Cellular and Animal Models of Zinc(II) and Platinum(II) Sulfonyl-Substituted Phthalocyanines for Enhanced Vascular-Targeted Photodynamic Therapy**
Repetowski P., Warszynska M., Kostecka A., Pucelik B., Barzowska A., EMAMI A., İŞÇİ Ü., DUMOULIN F., Dabrowski J. M.
ACS APPLIED MATERIALS & INTERFACES, vol.16, no.37, pp.48937-48954, 2024 (SCI-Expanded)
- III. Nanoencapsulation of a Far-Red Absorbing Phthalocyanine into Poly(benzylmalate) Biopolymers and Modulation of Their Photodynamic Efficiency**

ŞAHİN Z., O'nal E., Ali L. M. A., Durand D., EMAMI A., Toure M., İŞÇİ Ü., Gary-Bobo M., Cammas-Marion S., DUMOULIN F.

BIOMACROMOLECULES, vol.25, no.6, pp.3261-3270, 2024 (SCI-Expanded)

- IV. **Near infrared-absorbing self-encapsulated phthalocyanine-cored polycaprolactone star polymeric nanoparticles**
Yaseen A. N., EMAMI A., Ben Aziza H., DANDAN DOĞANCI M., İŞÇİ Ü., Gurek A. G., DOĞANCI E., DUMOULIN F.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, vol.28, no.02, pp.107-113, 2024 (SCI-Expanded)
- V. **PC12 cells proliferation and morphological aspects: Inquiry into raffinose-grafted graphene oxide in silk fibroin-based scaffold**
Jafari A., Emami A., Ashtari B.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.121, 2021 (SCI-Expanded)
- VI. **Synergetic catalytic effect of rGO, Pd, Fe₃O₄ and PPy as a magnetically separable and recyclable nanocomposite for coupling reactions in green media**
Emami A., Ghafuri H.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.32, no.9, 2018 (SCI-Expanded)
- VII. **Investigating the Catalytic Performance of Graphene Oxide-Polyaniline -Lignosulfonate Nanocomposite in the Synthesis of Polysubstituted Pyridines via a Four-Component Reaction**
Emami A., Ghafuri H., Kenari M. K., Maleki A.
CHEMISTRYSELECT, vol.3, no.23, pp.6349-6357, 2018 (SCI-Expanded)
- VIII. **Covalent Modification of Graphene Oxide with Vitamin B1: Preparation, Characterization, and Catalytic Reactivity for Synthesis of Benzimidazole Derivatives**
Ghafuri H., Joorabchi N., Emami A., Zand H. R. E.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.56, no.22, pp.6462-6467, 2017 (SCI-Expanded)
- IX. **An efficient catalyst- and solvent-free method for the synthesis of medicinally important dihydropyrano[2,3-*c*]pyrazole derivatives using ball milling technique**
Dekamin M. G., Alikhani M., Emami A., Ghafuri H., Javanshir S.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.13, no.3, pp.591-596, 2016 (SCI-Expanded)
- X. **Nano-ordered MCM-41-SO₃H an efficient catalyst for the synthesis of N-substituted pyrroles in water**
H. G., Emami A., Dekamin M. G.
SCIENTIA IRANICA INTERNATIONAL JOURNAL OF SCIENCE & TECHNOLOGY, vol.23, no.3, pp.1102-1110, 2016 (SCI-Expanded)
- XI. **Modeling and optimization of simultaneous photocatalysis of three dyes on ceramic-coated TiO₂ nanoparticles using chemometrics methods: phytotoxicological assessment during degradation process**
Khataee A. R., Fathinia M., Naseri A., Hasanzadeh A., Vafaei F., Emami A., Hanifehpour Y., Joo S. W.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.40, no.3, pp.1283-1302, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **Green and Eco-Friendly Synthesis of 2-Amino-3-Cyano-4H-Chromene Derivatives via Eggshell/Fe₃O₄ as a Biodegradable Polymer Matrix Nanocomposite**
Ghafuri H., Zargari M., Emami A.
Asian Journal of Green Chemistry, vol.7, no.1, pp.54-69, 2023 (Scopus)

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Formation of Biocompatible Star Polymeric Nanoparticles with a Double Decker Phthalocyanine**

Core

Z. Alagha H., Emami A., İşçi Ü., Doğancı E., Dandan Doğancı M., Dumoulin F.

35. ULUSAL KİMYA KONGRESİ, Diyarbakır, Turkey, 9 - 12 September 2024, pp.366, (Summary Text)

II. Azit-Sübstitüe Ftalosiyanın Sentez Stratejilerinin Karşılaştırılması

Ulupınar Uman Z., Sipahioğlu D., Emami A., Dumoulin F.

35. Ulusal Kimya Kongresi, Diyarbakır, Turkey, 9 - 12 September 2024, pp.341-342, (Summary Text)

III. How bisphthalonitriles spacer affects the properties of the corresponding cross-linked polymeric phthalocyanine materials

Ben Aziza H., Drissi El-Bouzaidi A., Emami A., Dumoulin F.

35. ULUSAL KİMYA KONGRESİ, Diyarbakır, Turkey, 9 - 12 September 2024, pp.352, (Summary Text)

IV. Biyopolimer ile Farklı Zn Ftalosiyanın Türevleri Arasındaki Etkileşimlerin Karşılaştırılması

Emami A., Kurt E., Ulupınar Uman Z., Güney G., Gürol İ., Dumoulin F.

35. Ulusal Kimya Kongresi, Diyarbakır, Turkey, 9 - 12 September 2024, pp.353, (Summary Text)

V. Lu bisphthalocyanine-centered poly (caprolactone) star polymers with different chain amounts and lengths

Emami A., Gülseren M., İşçi Ü., Doğancı E., Dandan Doğancı M., Dumoulin F.

International Conference on Porphyrins and Phthalocyanine (ICPP-13), New York, United States Of America, 23 - 28 June 2024, pp.461, (Summary Text)

VI. Grafen-Ftalosiyanın Temelli Elektrokimyasal Sensör ile Bisfenol A Tayini

Yağcı Ç., Ibijbijen A., Emami A., Ben Aziza H., İşçi Ü., Dumoulin F., Frakorri-Youssoufi H.

9. Ulusal Anorganik Kimya Kongresi, Ankara, Turkey, 16 - 19 May 2024, pp.62, (Summary Text)

VII. Synthesis and Characterization of a Di-Hydroxylated Zn Phthalocyanine with A3B Substitution Pattern

Ulupınar Uman Z., Emami A., Dumoulin F.

9. Ulusal Anorganik Kimya Kongresi, Ankara, Turkey, 16 - 19 May 2024, pp.348, (Summary Text)

VIII. Near Infrared-Absorbing Polycaprolactone Polymeric Nanoparticles Prepared Using an Octahydroxylated Photosensitizing Zn Phthalocyanine as the Initiator

Dumoulin F., Nabeel Yaseen A., Emami A., Ben Aziza H., Dandan Doğancı M., İşçi Ü., Doğancı E., Gürek A. G.

9. Ulusal Anorganik Kimya Kongresi, Ankara, Turkey, 16 - 19 May 2024, pp.352-353, (Summary Text)

IX. Synthesis And Characterization of Lu Bisphthalocyanine- Centered Poly(ϵ -Caprolactone) Star Polymers

Emami A., Gülseren M., İşçi Ü., Doğancı E., Dandan Doğancı M., Dumoulin F.

9. Ulusal Anorganik Kimya Kongresi, Ankara, Turkey, 16 - 19 May 2024, pp.82-83, (Summary Text)

X. Yeni Dizayn Si ve Ru Ftalosiyanın ve Naftalosiyanın Fotosensitizerlerinin Karşılaştırmalı Fotokimyasal ve Fotofiziksel Özellikleri

Emami A., Özdemir B., Harmandar K., Atilla D., Cammas-Marion S., Dumoulin F., Önal E.

9. Ulusal Anorganik Kimya Kongresi, Ankara, Turkey, 16 - 19 May 2024, pp.211, (Summary Text)

XI. detection of bisphenol A at ultra-trace level based on graphenephthalocyanine electrochemical sensor

Yağcı Ç., Ibijbijen A., Emami A., Ben Aziza H., İşçi Ü., Dumoulin F., Korri-Youssoufi H.

1ere conference afrique-europe innovations technologies pour une alimentation saine et durable, Fas, Morocco, 15 - 16 November 2023, (Summary Text)

XII. Modulation of photosensitizing phthalocyanines' photoproperties via encapsulation into PMLABe

Emami A., Özdemir B., Harmandar K., Atilla D., İşçi Ü., Cammas-Marion S., Dumoulin F., Önal E.

Photonics Online Meetup 2023, 13 - 14 November 2023, (Summary Text)

XIII. Encapsulation of photosensitising phthalocyanines into poly(malic acid) based nanoparticles: structural and experimental effects

Emami A., Özdemir B., Harmandar K., İşçi Ü., Cammas-Marion S., Dumoulin F., Önal E.

19th Asian Chemical Congress, İstanbul, Turkey, 9 - 14 July 2023, pp.160-161, (Summary Text)

XIV. The Investigation of the Heavy Atom, Extended Π -Conjugation, and Axial Group Effect on Photoproperties and Formulation of Phthalocyanines and Naphthalocyanines

Emami A., Özdemir B., Harmandar K., İşçi Ü., Cammas-Marion S., Dumoulin F., Önal E.

19th Asian Chemical Congress, İstanbul, Turkey, 9 - 14 July 2023, pp.179-180, (Summary Text)

XV. **Comparative photophysical and photochemical study of Zn and Pd phthalocyanines tetra non-peripherally substituted with dimethoxyphenyl moieties**

Emami A., Özdemir B., Voppichler O., İşçi Ü., Bretonniere Y., Cammas-Marion S., Dumoulin F., Önal E.

12th International Conference on Porphyrins and Phthalocyanines (ICPP-12), Madrid, Spain, 10 - 15 July 2022, pp.357, (Summary Text)

XVI. **Thiamine: an efficient, biodegradable, green catalyst for one-pot synthesis of functionalized dihydropyridines**

Ghafuri H., Joorabchi N., Kenari M. K., Emami A.

20th International Electronic Conference on Synthetic Organic Chemistry, ELECTR NETWORK, 1 - 30 November 2016, (Full Text)

XVII. **Graphene-based polymer nanocomposite catalyzed one pot multicomponent synthesis of Chromene derivatives**

Ghafuri H., Zargari M., Lotfi P., Emami A.

20th International Electronic Conference on Synthetic Organic Chemistry, ELECTR NETWORK, 1 - 30 November 2016, (Full Text)

XVIII. **Graphene-based polymer nanocomposite, a new and efficient catalyst for synthesis of Benzimidazole derivatives**

Ghafuri H., Emami A.

20th International Electronic Conference on Synthetic Organic Chemistry, ELECTR NETWORK, 1 - 30 November 2016, (Full Text)

Funded Projects

Emami A., Dumoulin F., Önal Dumanoglu E., TUBITAK Project, Ftalosiyenin Baslatıcılı Polikaprolakton (Pcl) Nanopartiküllerin Nanomühendisliği: Toplam Aynı Sayıda Heksanoat Birimi İçin Makrosiklik Üzerindeki Pcl Zincirlerinin Dağılımının Etkisinin Araştırılması, 2025 - 2026

Dumoulin F., Dandan Doğancı M., Doğancı E., Bayır E., TUBITAK Project, Sandviç Tipi Lütesyum Dimerik Ftalosiyenin Merkezli Biyoyumlu Poli(?-Kaprolakton) (PCL) ve Poli(Laktik Asit) (PLA) Yıldız Polimerlerin Sentezi ve Redoks Probu Olarak Kullanım Potansiyellerinin in vitro Koşullarda Araştırılması, 2022 - 2025

Önal Dumanoglu E., Cammas-Marion S., Dumoulin F., Atilla D., TÜBİTAK International Bilateral Joint Cooperation Program Project, Novel non-aggregated NIR-excitable photosensitizing phthalocyanines derivatives with high singlet oxygen generation ability: encapsulation into tumor-targeting biocompatible poly(benzylmalate) nanoparticles and study of their anticancer photodynamic efficiency, 2021 - 2023

Memberships and Roles in Scientific Organizations

Türkiye Kimya Derneği , Member, 2023 - Continues, Turkey

Roles in Event Organizations

Dumoulin F., Emami A., 6th Photodynamic Day, Scientific Congress, İstanbul, Turkey, Mayıs 2024

Metrics

Publication: 30

Citation (WoS): 86

Citation (Scopus): 108

H-Index (WoS): 5

H-Index (Scopus): 6