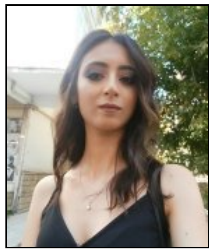
CURRICULUM VITAE AND PUBLICATIONS LIST



CURRICULUM VITAE

Name and Surname: Aysu ARMAN

Academic Title: Assistant Professor

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Area of Expertise: Analytical Chemistry
Chemistry
Natural Sciences

Degree	Department/Program	University	Year
Doctorate	ANALİTİK KİMYA (DR)		2023
Master's Degree	ANALİTİK KİMYA (YL) (TEZLİ)	İstanbul University	2017
Bachelor's Degree	KİMYA BÖLÜMÜ	İstanbul University	2014

Master's Thesis Title (abstract attached) and Thesis Supervisor(s):

Antioksidan maddelerin modifiye elektrot kullanılarak elektrokimyasal tayini

Doctoral Thesis/Proficiency Study/Medical Specialization Thesis Title (abstract attached) and Supervisor(s):

Karbon nanotüp ve nanomateryal-temelli modifiye elektrotlarla enerjetik maddelerin voltametrik tayini

Roles in Projects:

1. *Çift-Fonksiyonlu Karbon Esaslı Nanomalzeme İle Organik Peroksit Patlayıcı TATP'nin Florometrik ve Kolorimetrik Eş Zamanlı ve Doğrudan Tayini*, TUBITAK Project, Arman A., 2024-2025.

2. *Nanomateryal-Temelli Modifiye Elektrotla Duyarsız Enerjetik Madde NTO'nun Voltametrik Tayini*, TUBITAK Project, Arman A. (Executive), 2023-2024.

3. *Nitramin Türü Patlayıcı RDX için Soy Metal Nanoparçacıkların Yerinde Oluşumuna Dayalı Doğrudan Tayin Yöntemi*, TUBITAK Project, Arman A., 2022-2023.

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

A1. Arman A., Gedik G., Sağlam Ş., Arda A., Apak M. R., "TNT determination with a novel TNT-memory-molecular imprinted polymer electrode based on poly-melamine/chitosan-grafted copolymer on glassy carbon", *Microchemical Journal*, vol. 212, pp. 113309, 2025.

B. Papers presented at international scientific meetings and published in proceedings:

B1. Apak M. R., Arda A., Can Z., Sağlam Ş., Bener M., Arman A., Çubuklu S., Keskin Çekem B., Koç Ö. K., Mamatioğlu Derin F., Explosive Residues Sensing in the Environment: Mechanisms, Selectivity and Sensitivity, In: *11th International Seminar on Chemistry & Environment*, Iran, 2024.

B2. Arman A., Sağlam Ş., Arda A., Apak M. R., WELL-DISSIPATED CARBON NANOTUBES and POLYELECTROLYTE BASED SENSOR ELECTRODE APPLICATION FOR DIRECTLY VOLTAMMETRIC MEASURE of TATP AND HMTD, In: *12th AEGEAN ANALYTICAL CHEMISTRY DAYS*, Turkey, 2023.

B3. Arman A., Arda A., Sağlam Ş., Sezer E., Ustamehmetoğlu B., Apak M. R., Electrochemical Determination of Dopamine with Using Dopamine Molecular Memory-Copolymer Electrode, In: *EuroAnalysis 2019*, Turkey, 2019.

B4. Arman A., Arda A., Apak M. R., Sağlam Ş., TEK DUVARLI KARBON NANOTÜP KULLANILARAK GELİŞTİRİLEN MODİFİYE ELEKTROTLA TİYOLLÜ ANTİOKSİDAN BİLEŞİKLERİNİN TAYİNİ, In: *Uluslararası 30 Ağustos Bilimsel Araştırmalar Sempozyumu*, Turkey, 2019.

B5. Sağlam Ş., Arda A., Arman A., Erçağ E., Apak M. R., Electrochemical Determination of TNT and DNT with Gold Nanoparticles/Poly(Carbazole-Aniline) Film-Modified Glassy Carbon Sensor Electrode Imprinted for Molecular Recognition of Nitroaromatics, In: *International Workshop on Energetic Materials*, Turkey, 2018.

B6. Arman A., Arda A., Sağlam Ş., Apak M. R., Determination of Polyphenols Using a Ferricyanide Voltammetric Sensor, In: *Europtrode 2018*, Italy, 2018.

B7. Arman A., Arda A., Sağlam Ş., Erçağ E., Apak M. R., Voltammetric Determination of Quercetin with GC/P(o-PDA-co-ANI)-Aunano Electrode, In: *10th Aegean Analytical Chemistry Days*, Turkey, 2016.

E. Papers presented at national scientific meetings and published in proceedings:

E1. Arman A., Burucu A., Aslan E., Koç Ö. K., Arda A., Apak M. R., Tiyokarbonil Bileşiği İle Modifiye Edilmiş Altın Nanoparçacıklar Varlığında Trinitrotoluen (TNT)'in Spektroskopik Tayini, In: *34. Ulusal Kimya Kongresi*, Turkey, 2022.

E2. Arman A., Sağlam Ş., Arda A., Erçağ E., Apak M. R., BOR'UN DOLAYLI VOLTAMETRİK TAYİNİ İÇİN ALTIN NANOPARÇACIK ve p-AMİNOTİYOFENOL ESASLI SENSÖR ELEKTROT GELİŞTİRİLMESİ, In: *10. Ulusal Analitik Kimya Kongresi*, Turkey, 2022.