

## Assoc. Prof. TUĞBA TABANLIGİL CALAM

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AHC-8203-2022

ScopusID: 57196149229

Yoksis Researcher ID: 137248

### Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 2010 - 2016

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 2007 - 2010

Postgraduate, Gazi University, Eğitim Bilimleri Enstitüsü, Eğitim Bilimleri Enstitüsü, Turkey 2005 - 2007

Undergraduate, Gazi University, Fen Fakültesi, Kimya Bölümü, Turkey 2001 - 2005

### Dissertations

Doctorate, Kendiliğinden düzenlenen tek tabakalar (SAMS) yöntemiyle katı elektrot yüzey modifikasyonu yapılması, yüzeyin karakterizasyonu ve modifiye elektrodun kantitatif uygulamaları, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Dr), 2016

Postgraduate, Dopamin ve ürik asitin birinin varlığında diğerinin kare dalga voltametrisi ile tayini, Gazi University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 2010

### Research Areas

Chemistry, Electromagnetic Methods, Pharmaceutical Analysis, Food Analysis, Microchemical Analysis, Sensors, Surface Analysis

### Academic Titles / Tasks

Associate Professor, Gazi University, Teknik Bilimler Meslek Yüksekokulu, Kimya Ve Kimyasal İşleme Teknolojileri Bölümü, 2020 - Continues

Lecturer, Gazi University, Teknik Bilimler Meslek Yüksekokulu, Kimya Ve Kimyasal İşleme Teknolojileri Bölümü, 2011 - 2020

Expert, Gazi University, Atatürk Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2009 - 2011

### Academic and Administrative Experience

## Courses

ANALİTİK KİMYA LABORATUVARI, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Analitik kimya, Associate Degree, 2022 - 2023, 2021 - 2022

ANORGANİK KİMYA, Associate Degree, 2021 - 2022, 2019 - 2020, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Kimyada Matematik Yöntemleri, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020

GENEL KİMYA II, Associate Degree, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

ALETSEL ANALİZ LABORATUVARI, Associate Degree, 2021 - 2022, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 - 2013

ALETSEL ANALİZ, Associate Degree, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2013 - 2014, 2012 - 2013

İşyeri Uygulaması, Associate Degree, 2020 - 2021, 2019 - 2020

GENEL KİMYA LABORATUVARI, Associate Degree, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2013 - 2014, 2012 - 2013

ANALİTİK KİMYA, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2013 - 2014, 2012 - 2013

GENEL KİMYA I, Associate Degree, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2013 - 2014, 2012 - 2013

ENDÜSTRİ STAJI-III, Associate Degree, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

ÇEVRE KİMYASI, Associate Degree, 2019 - 2020, 2016 - 2017, 2015 - 2016

ENDÜSTRİ STAJI-I, Associate Degree, 2018 - 2019, 2016 - 2017, 2015 - 2016

KOROZYON GİDERME, Associate Degree, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 - 2013

Stokiyometri, Associate Degree, 2017 - 2018

STOKİYOMETRİ, Associate Degree, 2017 - 2018, 2015 - 2016, 2012 - 2013, 2011 - 2012

ENDÜSTRİ STAJI-II, Associate Degree, 2018 - 2019, 2016 - 2017

KROMATOĞRAFİK YÖNTEMLER, Associate Degree, 2016 - 2017

Biyomalzemeler, Associate Degree, 2016 - 2017, 2015 - 2016, 2011 - 2012

BESİN KİMYASI, Associate Degree, 2016 - 2017, 2015 - 2016

Ayrırma Yöntemleri, Associate Degree, 2015 - 2016, 2011 - 2012

Kimyasal Kinetik, Associate Degree, 2011 - 2012

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A new nanocomposite membrane based on sulfonated polysulfone boron nitride for proton exchange membrane fuel cells: Its fabrication and characterization**  
Kocakulak T., TAŞKIN G., TABANLIGİL CALAM T., SOLMAZ H., CALAM A., Arslan T. A., ŞAHİN F.  
Fuel, vol.374, 2024 (SCI-Expanded)
- II. **Optimization of voltammetric parameters for sensitive and simultaneous determination of ferulic acid and vanillin using a glassy carbon electrode based on 2-aminonicotinic acid in the presence of surfactant media**  
TABANLIGİL CALAM T., TAŞKIN G.  
Food Chemistry, vol.436, 2024 (SCI-Expanded)
- III. **A new, fast and selective electrochemical sensor based on Bismuthiol-I for the voltammetric detection of tartrazine, a synthetic food dye, in soft drinks**  
TABANLIGİL CALAM T.

Microchemical Journal, vol.197, 2024 (SCI-Expanded)

- IV. **Electrochemical Behavior and Ultrasensitive, Simple and Effective Voltammetric Determination of Acetaminophen Using Modified Glassy Carbon Electrode Based on 4-Hydroxyquinoline-3-Carboxylic Acid**  
UZUN D., TABANLIGİL CALAM T.  
ELECTROANALYSIS, vol.35, no.4, 2023 (SCI-Expanded)
- V. **Optimization of square wave voltammetry parameters by response surface methodology for the determination of Sunset yellow using an electrochemical sensor based on Purpald®**  
TABANLIGİL CALAM T., Taşkın Çakıcı G.  
Food Chemistry, vol.404, 2023 (SCI-Expanded)
- VI. **A sensitive method for the determination of 4-aminophenol using an electrochemical sensor based on 5-amino-1,3,4-thiadiazole-2-thiol**  
TABANLIGİL CALAM T., Cakici G.  
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol.114, 2022 (SCI-Expanded)
- VII. **A novel, efficient and sensitive method for the simultaneous determination of riboflavin (vitamin B2) and pyridoxine hydrochloride (vitamin B6) in food and pharmacological samples using an electrochemical sensor based on 4,4'-diamino benzophenone**  
TABANLIGİL CALAM T.  
MICROCHEMICAL JOURNAL, vol.169, 2021 (SCI-Expanded)
- VIII. **A modified pencil graphite electrode with 2-thiobarbituric acid for the efficient and cheap voltammetric sensing of 4-aminophenol in water samples and child syrup sample**  
TABANLIGİL CALAM T.  
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol.98, 2021 (SCI-Expanded)
- IX. **Selective and Sensitive Determination of Paracetamol and Levodopa with Using Electropolymerized 3,5-diamino-1,2,4-triazole Film on Glassy Carbon Electrode**  
Tabanlıgil Calam T.  
ELECTROANALYSIS, vol.33, no.4, pp.1049-1062, 2021 (SCI-Expanded)
- X. **Electrochemical determination of 8-hydroxyquinoline in a cosmetic product on a glassy carbon electrode modified with 1-amino-2-naphthol-4-sulphonic acid**  
Tabanlıgil Calam T., Yilmaz E. B.  
INSTRUMENTATION SCIENCE & TECHNOLOGY, vol.49, no.1, pp.1-20, 2021 (SCI-Expanded)
- XI. **Voltammetric determination and electrochemical behavior of vanillin based on 1H-1,2,4-triazole-3-thiol polymer film modified gold electrode**  
Tabanlıgil Calam T.  
FOOD CHEMISTRY, vol.328, 2020 (SCI-Expanded)
- XII. **Electrochemical Oxidative Determination and Electrochemical Behavior of 4-nitrophenol Based on an Au Electrode Modified with Electro-polymerized 3,5-diamino-1,2,4-triazole Film**  
Tabanlıgil Calam T.  
ELECTROANALYSIS, vol.32, no.1, pp.149-158, 2020 (SCI-Expanded)
- XIII. **Investigation of the electrochemical behavior of phenol using 1H-1, 2, 4-triazole-3-thiol modified gold electrode and its voltammetric determination**  
Tabanlıgil Calam T.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.2, pp.835-844, 2020 (SCI-Expanded)
- XIV. **The determination of uric acid in the presence of ascorbic acid and dopamine using [(1H-1,2,4-triazole-3-ylimino)methyl]naphthalene-2-ol modified platinum electrode**  
Tatlı F., TABANLIGİL CALAM T., UZUN D., HASDEMİR E.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.4, pp.2013-2022, 2020 (SCI-Expanded)
- XV. **Rapid and Selective Determination of Vanillin in the Presence of Caffeine, its Electrochemical Behavior on an Au Electrode Electropolymerized with 3-amino-1,2,4-triazole-5-thiol**

- Tabanlıgil Calam T., Uzun D.  
ELECTROANALYSIS, vol.31, no.12, pp.2347-2358, 2019 (SCI-Expanded)
- XVI. **Analytical application of the poly(1H-1,2,4-triazole-3-thiol) modified gold electrode for high-sensitive voltammetric determination of catechol in tap and lake water samples**  
Tabanlıgil Calam T.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.99, no.13, pp.1298-1312, 2019 (SCI-Expanded)
- XVII. **Preparation and characterization of 3-[(1H-1,2,4-triazole-3-ylimino)methyl]naphthalene-2-ol film at the platinum surface for selective voltammetric determination of dopamine in the presence of uric acid and ascorbic acid**  
Tatli F., Uzun D., Tabanlıgil Calam T., Balaban Gündüzalp A., Hasdemir E.  
SURFACE AND INTERFACE ANALYSIS, vol.51, no.4, pp.475-483, 2019 (SCI-Expanded)
- XVIII. **COMPARATIVE CHARACTERIZATIONS OF SELF-ASSEMBLED MONOLAYERS OF 1,6-HEXANEDITHIOL AND 1-HEXANETHIOL FORMED ON POLYCRYSTALLINE GOLD ELECTRODE**  
Tabanlıgil Calam T., Hasdemir E.  
COMPTES RENDUS DE L ACADEMIE BULGARE DES SCIENCES, vol.72, no.3, pp.316-326, 2019 (SCI-Expanded)
- XIX. **A voltammetric sensor based on glassy carbon electrode modified with 1H-1, 2,4-triazole-3-thiol coating for rapid determination of trace lead ions in acetate buffer solution**  
Danyildiz Z., Uzun D., Tabanlıgil Calam T., Hasdemir E.  
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.805, pp.177-183, 2017 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Grafit Uç Elektrot Yüzeyinde 4,4'-diaminobenzofenon'un Elektropolimerleşmesi ile Hazırlanan Modifiye Elektrot Kullanılarak 2-Nitrofenolün Elektrokimyasal Davranışının İncelenmesi ve Voltammetrik Tayini**  
TABANLIGİL CALAM T., Çalışkan S., TAŞKIN ÇAKICI G.  
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.10, no.1, pp.15-26, 2022 (Peer-Reviewed Journal)
- II. **Electrochemical Behavior and Voltammetric Determination of 2-Nitrophenol on Glassy Carbon Electrode Surface Modified with 1-Amino-2-Naphthol-4-Sulphonic Acid**  
TABANLIGİL CALAM T.  
Engineering Perspective, vol.1, no.1, pp.1-5, 2021 (Peer-Reviewed Journal)
- III. **Kırmızı Kopya Biberlerinin (Capsicum Annuum L.) Kurutma ve Rehidrasyon Kinetiklerinin Belirlenmesi, Kurutma İşleminin Termodinamik Analizi**  
Kılıç F., Tabanlıgil Calam T.  
Deu Muhendislik Fakültesi Fen ve Muhendislik, vol.22, no.65, pp.343-352, 2020 (Peer-Reviewed Journal)
- IV. **Elektropolimerize 3,5-Diamino-1,2,4-triazol Film ile Modifiye Edilmiş Altın Elektrot Yüzeyinde Epinefrinin Voltammetrik Tayini ve Elektrokimyasal Davranışı**  
Tabanlıgil Calam T.  
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.7, no.4, pp.985-998, 2019 (Peer-Reviewed Journal)
- V. **Application of 1,6-Hexanedithiol and 1-Hexanethiol Self Assembled Monolayers on Polycrystalline Gold Electrode for Determination of Fe(II) Using Square Wave Voltammetry**  
Tabanlıgil Calam T., Hasdemir E.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.31, no.1, pp.53-64, 2018 (ESCI)
- VI. **The Determination of Dopamine and Uric Acid with the Presence of Other Using Square Wave Voltammetry**  
HASDEMİR E., TABANLIGİL CALAM T.  
Gazi Üniversitesi Gazi Eğitim Fakültesi Dergisi, vol.31, no.3, pp.775-791, 2011 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **DEVELOPMENT OF POLYVINYL ALCOHOL/HYDROXY PROPYL METHYLELLULOSE/ CARBON NAOTUBE CONDUCTOR MEMBRANES FOR FUEL CELLS**  
Taşkın G., Tabanlıgil Calam T., Bayal Ö.  
International Interdisciplinary Congress of Women in Science, Sivas, Turkey, 27 - 28 April 2024, pp.23-34
- II. **OPTIMIZATION OF VOLTAMETRIC PARAMETERS BY BOX-BEHNKEN METHOD USING RESPONSE SURFACE METHODOLOGY FOR THE PRECISE DETERMINATION OF PARACETAMOLE ON THE SURFACE OF ACTIVATED GLASSY CARBON ELECTRODE**  
Tabanlıgil Calam T., Taşkın G., Kocataş K.  
International Interdisciplinary Congress of Women in Science, Sivas, Turkey, 27 - 28 April 2024, pp.35-45
- III. **PREPARATION OF AN ELECTROCHEMICAL SENSOR FOR THE DETERMINATION OF LEAD (II) IN TAP WATER**  
TABANLIGİL CALAM T., TAŞKIN G., Bektaş Ö.  
INTERNATIONAL CONGRESS ON ADVANCED RESEARCH AND APPLICATIONS, Sivas, Turkey, 1 - 02 December 2023, pp.208-217
- IV. **LOW COST GRAPHITE AND CELLULOSE ACETATE COMPOSITE ANTISTATIC FILMS**  
TAŞKIN G., TABANLIGİL CALAM T., Coşkuner T. Ş.  
INTERNATIONAL CONGRESS ON ADVANCED RESEARCH AND APPLICATIONS, Sivas, Turkey, 1 - 02 December 2023, pp.200-207
- V. **Electrochemical Behavior Of Phenol On The Glassy Carbon Electrode Surface Modified With 2-Aminonicotinic Acid Prepared For Use As A Sensor And Its Voltammetric Determination In Tap Water Sample**  
TABANLIGİL CALAM T., TAŞKIN G., Bektaş Ö.  
ISARC 3. INTERNATIONAL TRAKYA SCIENTIFIC RESEARCH CONGRESS, Edirne, Turkey, 25 - 26 November 2023, pp.545-557
- VI. **Removal Of Cobalt From Aqueous Solution Using Cellulose Acetate/Hydroxypropylmethylcellulose Composite Membranes**  
TAŞKIN G., TABANLIGİL CALAM T., Bayal Ö., Cenan F. N.  
ISARC 3. INTERNATIONAL TRAKYA SCIENTIFIC RESEARCH CONGRESS, Edirne, Turkey, 25 - 26 November 2023, pp.558-566
- VII. **4,4'-diaminobenzofenon molekülü ile modifiye edilmiş grafit kalem uç elektrodun elektrokimyasal yöntemle karakterizasyonu ve 2-nitrofenolün modifiye yüzeydeki elektrokimyasal davranışının incelenmesi**  
Tabanlıgil Calam T.  
3. Ulusal Başkent Disiplinler Arası Bilimsel Çalışmalar Kongresi, Ankara, Turkey, 14 - 15 March 2021, pp.5-6
- VIII. **1-amino-2-naftol-4-sülfonik asit ile modifiye edilmiş camsi karbon elektrot yüzeyinde 2-nitrofenol'ün elektrokimyasal davranışı ve voltametrik tayini**  
TABANLIGİL CALAM T.  
3rd Erasmus International Academic Research Symposium, Ankara, Turkey, 6 - 07 March 2020
- IX. **3,5-DİAMİNO-1,2,4-TRİAZOL MOLEKÜLÜ İLE MODİFİYE EDİLMİŞ CAMSI KARBON ELEKTROT YÜZEYİNDE 8-NİTROKİNOLİNİN ELEKTROKİMYASAL DAVRANIŞI VE VOLTAMETRİK TAYİNİ**  
Tabanlıgil Calam T.  
7th International Symposium on Academic Studies in Science, Engineering and Architecture Sciences, Ankara, Turkey, 15 - 17 November 2019, pp.1142-1155
- X. **RON20 ve RON60 Yakıtı Kullanımında Hava Fazlalık Katsayısının HCCI Motor Üzerindeki Etkileri**  
CALAM A., TABANLIGİL CALAM T., SOLMAZ H., POLAT S., İÇİNGÜR Y.  
9th International Automotive Technologies Congress, Bursa, Turkey, 7 - 08 May 2018, pp.334-345
- XI. **RON40 Yakıtı Kullanımında Sıkıştırma Oranının HCCI Yanma ve Performansa Etkileri**  
CALAM A., İÇİNGÜR Y., TABANLIGİL CALAM T., SOLMAZ H., POLAT S.  
9th International Automotive Technologies Congress, Bursa, Turkey, 7 - 08 May 2018, pp.1076-1086

- XII. **RON20 ve RON60 Yakıtı Kullanımında Hava Fazlalık Ktsayısının HCCI Motor Üzerindeki Etkileri**  
CALAM A., TABANLIGİL CALAM T., SOLMAZ H., POLAT S., İÇİNGİR Y.  
9th International Automotive Technologies Congress, 7 - 08 May 2018
- XIII. **RON40 Yakıtı Kullanımında Sıkıştırma Oranının HCCI Motorun Yanma ve Performansa Etkileri**  
CALAM A., İÇİNGİR Y., TABANLIGİL CALAM T., SOLMAZ H., POLAT S.  
9th International Automotive Technologies Congress, 7 - 08 May 2018
- XIV. **ALTIN ELEKTROT YÜZEYİNİN KENDİNDEN DÜZENLENEN TEK TABAKALAR (SAMs) YÖNTEMİ KULLANILARAK 1,6-HEKZANEDİTİYOL (HDT) MOLEKÜLLERİ İLE MODİFİKASYONU VE KARAKTERİZASYONU**  
TABANLIGİL CALAM T., HASDEMİR E.  
27.Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
- XV. **ALTIN ELEKTROT YÜZEYİNİN KENDİNDEN DÜZENLENEN TEK TABAKALAR (SAMs) YÖNTEMİ KULLANILARAK 1-HEKZANTİYOL (HT) MOLEKÜLLERİ İLE MODİFİKASYONU VE KARAKTERİZASYONU**  
TABANLIGİL CALAM T., HASDEMİR E.  
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
- XVI. **Determination of Dopamine in the Presence of Ascorbic Acid and Uric Acid at the 3-((1h-1,2,4-triazol- 3-ylimino)metil)naftalen-2-ol Modified Platinum Electrode**  
TABANLIGİL CALAM T., tatlı f., UZUN D., HASDEMİR E.  
10th INRTERNATIONAL ELECTROCHEMISTRY MEETING, 4 - 08 September 2013
- XVII. **DETERMINATION OF URIC ACID IN THE PRESENCE OF DOPAMINE AND ASCORBIC ACID AT THE 3-((1H-1,2,4-TRIAZOL-3-YLIMINO)METİL)NAFTALEN-2-OL MODIFIED PLATINUM ELECTRODE**  
TATLI F., TABANLIGİL CALAM T., UZUN D., HASDEMİR E.  
10th INRTERNATIONAL ELECTROCHEMISTRY MEETING, Konya, Turkey, 4 - 08 September 2013
- XVIII. **Preparation and Characterization of Poly(3-((1h-1,2,4-triazol-3-ylimino)metil)naftalen-2-ol) Film at the Platinum Surface**  
TABANLIGİL CALAM T., tatlı f., UZUN D., HASDEMİR E.  
10th International Electrochemistry Meeting 2013  
10th INRTERNATIONAL ELECTROCHEMISTRY MEETING, 4 - 08 September 2013
- XIX. **Schiff Bazı ile Hazırlanan Modifiye Platin Elektrot Yüzeyinin Elektrokimyasal ve Spektroskopik Karakterizasyonu**  
TABANLIGİL CALAM T., UZUN D., HASDEMİR E.  
6. Ulusal Analitik Kimya Kongresi, Hatay, Turkey, 3 - 07 September 2012
- XX. **SCHİFF BAZI İLE HAZIRLANAN MODİFİYE PLATİN ELEKTROT YÜZEYİNİN ELEKTROKİMYASAL VE SPEKTROSKOPİK KARAKTERİZASYONU**  
TABANLIGİL CALAM T., UZUN D., HASDEMİR E.  
VI. Ulusal Analitik Kimya Kongresi, Turkey, 3 - 07 September 2012
- XXI. **Bakır ve selenyumun kare dalga voltametri ile H-noktası standart ekleme yöntemini kullanarak tayini**  
TABANLIGİL CALAM T., HASDEMİR E., şimşek s.  
9th INRTERNATIONAL ELECTROCHEMISTRY MEETING, 25 - 29 September 2011
- XXII. **Bakır ve Bizmutun Voltametik Yöntemle Aynı Anda Tayinleri**  
HASDEMİR E., KARABODUK K., TABANLIGİL CALAM T.  
25. ulusal kimya kongresi, Turkey, 27 June - 02 July 2011
- XXIII. **Dopamin ve Ürik Asitin Birinin Varlığında Diğerinin Voltametik Yöntemle Tayini**  
HASDEMİR E., TABANLIGİL CALAM T., KARABODUK K.  
25. ulusal kimya kongresi, Turkey, 27 June - 02 July 2011

## Supported Projects

Tabanlıgil Calam T., Project Supported by Higher Education Institutions, Çevresel numunelerde zehirli etkiye sahip olan

hidrokinon ve katekolün voltametrik tayini için sensör üretimi karakterizasyonu ve analitik uygulamaları, 2024 - 2026  
Solmaz H., Calam A., Şahin F., Tabanlıgil Calam T., Taşkın Çakıcı G., Ardebili S. M. S., Kocakulak T., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, PEM Yakıt Pilleri İçin Nano-Malzeme Destekli Membran Üretimi Etkinliğinin İncelenmesi ve Optimizasyonu, 2023 - 2026  
Tabanlıgil Calam T., Taşkın Çakıcı G., Project Supported by Higher Education Institutions, Bir organik molekülün elektrot yüzeyinde elektropolimerleşmesi yoluyla katı elektrodun modifikasyonu yüzeyin karakterizasyonu ve analitik uygulaması, 2022 - 2024  
Tabanlıgil Calam T., Taşkın G., Project Supported by Other Official Institutions, Polimer Kompozitler ile Sulu Ortamdan Ağır Metal İyonlarının Adsorpsiyonu, 2023 - 2023  
Tabanlıgil Calam T., Taşkın G., Project Supported by Other Official Institutions, Çevresel su numunelerinde ağır metal tayini için sensör üretimi, 2023 - 2023  
Tabanlıgil Calam T., Taşkın G., Project Supported by Other Official Institutions, Antistatik Ambalaj İçin Yeni Bir Çevre Dostu Biyobozunur Kompozit Film Hazırlama, 2022 - 2022  
Tabanlıgil Calam T., Taşkın G., Project Supported by Other Official Institutions, Çevresel su numunelerinde toksik madde tayini için sensör üretimi, 2022 - 2022  
Tabanlıgil Calam T., Project Supported by Higher Education Institutions, Katı elektrot yüzeyinin bir organik molekül ile modifikasyonu, hazırlanan modifiye elektrodun karakterizasyonu ve analitik uygulaması, 2020 - 2022  
Uzun D., Tabanlıgil Calam T., Project Supported by Higher Education Institutions, Camsı karbon elektrot yüzeyinin elektrokimyasal modifikasyonu, modifiye yüzeyin karakterizasyonu ve elektrokatalitik özellikleri, 2019 - 2022  
Tabanlıgil Calam T., Project Supported by Higher Education Institutions, Altın elektrot yüzeyinin elektrokimyasal modifikasyonu, Modifiye yüzeyin karakterizasyonu ve modifiye yüzeyin analitik uygulaması, 2019 - 2020  
Hasdemir E., Uzun D., Tabanlıgil Calam T., Danyıldız Z., Project Supported by Higher Education Institutions, Elektrot Yüzey Modifikasyonu, Karakterizasyonu ve Analitik Uygulamaları, 2016 - 2018  
Hasdemir E., Tabanlıgil Calam T., Project Supported by Higher Education Institutions, Kendiliğinden düzenlenen tek tabakalar (SAMs) yöntemiyle katı elektrot modifikasyonu yüzeyin karakterizasyonu ve analitik uygulamaları  
"Modification of solid electrode by self assebled monolayers (SAMs), caracterization of surface and analytical application, 2013 - 2016  
Hasdemir E., Uzun D., Tabanlıgil Calam T., Project Supported by Higher Education Institutions, Schiff bazı kullanarak modifiye katı elektrot yüzeyin hazırlanması karakterizasyonu ve analitik uygulamaları, 2012 - 2015

## Activities in Scientific Journals

Gazi Üniversitesi Fen Bilimleri Dergisi Part: C Tasarım ve Teknoloji, Editor, 2022 - Continues  
Engineering Perspective, Committee Member, 2021 - Continues  
Science Journal of Analytical Chemistry, Editor, 2019 - Continues

## Scientific Refereeing

FOOD CHEMISTRY, Journal Indexed in SCI-E, July 2024  
FOOD CHEMISTRY, Journal Indexed in SCI-E, July 2024  
MICROCHEMICAL JOURNAL, Journal Indexed in SCI-E, July 2024  
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