

Assoc. Prof. Zeynep Kalaycıoğlu

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Chemistry, Turkey 2015 - 2020
Postgraduate, Istanbul Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 2013 - 2015
Undergraduate, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, Turkey 2007 - 2013

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Curcuminoids: Analytical Chemistry, Biochemistry, and Potential Applications, Istanbul Technical University, Fen-Edebiyat, Kimya, 2020
Postgraduate, Örnek sıkıştırma ve kapiler elektroforez yöntemiyle nitrit ve nitrat iyonlarının bir arada tayini: Gıda örneklerine uygulanması, İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2015

Research Areas

Basic Sciences, Chemistry, Analytical Chemistry, Separation Methods, Chromatographic Analysis, Spectroscopical Methods

Academic Titles / Tasks

Lecturer PhD, Istanbul Technical University, Fen-Edebiyat, Kimya, 2020 - Continues
Research Assistant, Istanbul Technical University, Fen-Edebiyat, Kimya, 2015 - 2020

Academic and Administrative Experience

İTÜ Yaynevi Komisyon Üyesi, Istanbul Technical University, Fen-Edebiyat, Kimya, 2022 - Continues

Courses

Kapiler Elektroforez Teori ve Uygulamaları, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
Validation and Accreditation in Analytical Chemistry, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The affinity of histamine to serum albumin: Capillary electrophoresis-frontal analysis and in-silico molecular docking approaches**
Kalaycıoğlu Z.
Journal of Separation Science, vol.46, no.22, 2023 (SCI-Expanded)
- II. **Determination of fluoride content in infant food samples by sample stacking capillary electrophoresis-indirect UV detection and the estimation of daily-fluoride-intake**
Kalaycıoğlu Z.
Journal of Food Composition and Analysis, vol.121, 2023 (SCI-Expanded)
- III. **Comparative physical, antioxidant, and antimicrobial properties of films prepared by dissolving chitosan in bioactive vinegar varieties**
Adımcılar V., Kalaycıoğlu Z., Akin-Evingür G., Torlak E., Erim F. B.
International Journal of Biological Macromolecules, vol.242, 2023 (SCI-Expanded)
- IV. **Antioxidant activities, aliphatic organic acid and sugar contents of Anatolian bee bread: characterization by principal component analysis**
Kalaycıoğlu Z., Kanbur E. D., KOLAYLI S., Erim F. B.
European Food Research and Technology, vol.249, no.5, pp.1351-1361, 2023 (SCI-Expanded)
- V. **Efficient Photocatalytic Degradation of Methylene Blue Dye from Aqueous Solution with Cerium Oxide Nanoparticles and Graphene Oxide-Doped Polyacrylamide**
Kalaycıoğlu Z., Özgür Uysal B., Pekcan Ö., Erim F. B.
ACS Omega, vol.8, no.14, pp.13004-13015, 2023 (SCI-Expanded)
- VI. **Sample Stacking-Capillary Electrophoretic Analysis of Nitrate and Nitrite in Organic- and Conventional-Originated Baby Food Formulas from Turkey**
Kamilova N., Kalaycıoğlu Z., Gölcü A.
ACS Omega, vol.8, no.5, pp.5097-5102, 2023 (SCI-Expanded)
- VII. **Antioxidant and antimicrobial chitosan films enriched with aqueous sage and rosemary extracts as food coating materials: Characterization of the films and detection of rosmarinic acid release**
Kahya N., Kestir S. M., Oztuerk S., Yolac A., TORLAK E., Kalaycıoğlu Z., AKIN EVİNGÜR G., Berker F. B.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.217, pp.470-480, 2022 (SCI-Expanded)
- VIII. **Sample stacking - Capillary electrophoretic determination of nitrate and nitrite contents as nitric oxide metabolites in honey varieties originated from Anatolia**
Aftab J., Kalaycioglu Z., Kolayli S., Erim F. B.
ACTA ALIMENTARIA, vol.50, no.4, pp.574-582, 2021 (SCI-Expanded)
- IX. **Antibacterial nano cerium oxide/chitosan/cellulose acetate composite films as potential wound dressing**
Kalaycıoğlu Z., Kahya N., Adımcılar V., Kaygusuz H., Torlak E., Akin-Evingür G., Erim F. B.
EUROPEAN POLYMER JOURNAL, vol.133, 2020 (SCI-Expanded)
- X. **Rosmarinic and carnosic acid contents and correlated antioxidant and antidiabetic activities of 14 Salvia species from Anatolia**
Adımcılar V., Kalaycıoğlu Z., Aydogdu N., Dirmenci T., Kahraman A., Erim F. B.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.175, 2019 (SCI-Expanded)
- XI. **Nitrate and Nitrites in Foods: Worldwide Regional Distribution in View of Their Risks and Benefits**
Kalaycıoğlu Z., Erim F. B.
JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol.67, no.26, pp.7205-7222, 2019 (SCI-Expanded)

- XII. **Evaluation of some Turkish Salvia species by principal component analysis based on their vitamin B2, mineral composition, and antioxidant properties**
Gezek G., Hashemi P., Kalaycioglu Z., Kaygusuz H., Sariloglu G., Doker S., Dirmenci T., Erim F. B.
LWT-FOOD SCIENCE AND TECHNOLOGY, vol.100, pp.287-293, 2019 (SCI-Expanded)
- XIII. **Electrochemical oxidation of curcuminoids: an experimental and computational investigation**
Kalaycioglu Z., Karadas N., Cinar M. E., Aysil Ozkan S., Ozer Unal D., Golcu A., Berker F. B.
TURKISH JOURNAL OF CHEMISTRY, vol.43, no.3, pp.834-853, 2019 (SCI-Expanded)
- XIV. **alpha-Glucosidase enzyme inhibitory effects and ursolic and oleanolic acid contents of fourteen Anatolian Salvia species**
Kalaycioglu Z., Uzasici S., Dirmenci T., Erim F. B.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.155, pp.284-287, 2018 (SCI-Expanded)
- XV. **Characterization of Turkish honeybee pollens by principal component analysis based on their individual organic acids, sugars, minerals, and antioxidant activities**
Kalaycioglu Z., KAYGUSUZ H., Doker S., KOLAYLI S., Erim F. B.
LWT-FOOD SCIENCE AND TECHNOLOGY, vol.84, pp.402-408, 2017 (SCI-Expanded)
- XVI. **Antimicrobial and physical properties of chitosan films incorporated with turmeric extract**
Kalaycioglu Z., Torlak E., Akin-Evingur G., ÖZEN I., Erim F. B.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.101, pp.882-888, 2017 (SCI-Expanded)
- XVII. **Total phenolic contents, antioxidant activities, and bioactive ingredients of juices from pomegranate cultivars worldwide**
Kalaycioglu Z., Erim F. B.
FOOD CHEMISTRY, vol.221, pp.496-507, 2017 (SCI-Expanded)
- XVIII. **SIMULTANEOUS SPECTROPHOTOMETRIC DETERMINATION OF PHENOLIC ANTIOXIDANT (BHA AND BHT) CONCENTRATIONS IN PHARMACEUTICAL PREPARATIONS AND CHEWING GUMS USING THE H-POINT STANDARD ADDITION METHOD**
ÖZGÜR M., Kalaycioglu Z., DÜLGER KUTLU Ö.
MACEDONIAN JOURNAL OF CHEMISTRY AND CHEMICAL ENGINEERING, vol.36, no.2, pp.211-222, 2017 (SCI-Expanded)
- XIX. **Comparison of antioxidant, anticholinesterase, and antidiabetic activities of three curcuminoids isolated from Curcuma longa L.**
Kalaycioglu Z., Gazioglu I., Erim F. B.
NATURAL PRODUCT RESEARCH, vol.31, pp.2914-2917, 2017 (SCI-Expanded)
- XX. **Simultaneous Determination of Nitrate and Nitrite in Fish Products with Improved Sensitivity by Sample Stacking-Capillary Electrophoresis**
Kalaycioglu Z., Erim F. B.
FOOD ANALYTICAL METHODS, vol.9, no.3, pp.706-711, 2016 (SCI-Expanded)
- XXI. **The sensitive capillary electrophoretic-LIF method for simultaneous determination of curcuminoids in turmeric by enhancing fluorescence intensities of molecules upon inclusion into (2-hydroxypropyl)-beta-cyclodextrin**
Kalaycioglu Z., Hashemi P., Günaydin K., Erim F. B.
ELECTROPHORESIS, vol.36, pp.2516-2521, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Characterization of Pekmez Samples Produced with Different Fruits According to Sugar, Organic Acid, Antioxidant Activities, and Moisture Contents**
KALAYCIOĞLU Z.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.1, pp.458-467, 2023 (Peer-Reviewed Journal)
- II. **Anadolu Arı Ekmeklerinin Fizikokimyasal ve Kimyasal Özelliklerine Dayalı Temel Bileşen Analizi ile Karakterizasyonu**

- KALAYCIOĞLU Z.
Journal of Apitherapy and Nature, vol.5, no.1, pp.14-26, 2022 (Peer-Reviewed Journal)
- III. **Green synthesis of cerium oxide nanoparticles from turmeric and kinds of honey: characterisations, antioxidant and photocatalytic dye degradation activities**
Kalaycioğlu Z., Gecim B., Berker F. B.
ADVANCES IN NATURAL SCIENCES-NANOSCIENCE AND NANOTECHNOLOGY, vol.13, no.1, 2022 (ESCI)
- IV. **Synthesis, characterization, anti-inflammatory evaluation, molecular docking and density functional theory studies of metal based drug candidate molecules of tenoxicam**
Muslu H., Kalaycioğlu Z., ERDOĞAN T., Gölcü A., Bedia Erim F.
Results in Chemistry, vol.3, 2021 (Scopus)
- V. **Comparative Determination of Melittin by Capillary Electrophoretic Methods**
Akay M., KALAYCIOĞLU Z., KOLAYLI S., BERKER F. B.
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.8, pp.1211-1216, 2021 (Scopus)
- VI. **Naturally Occuring Nitrate and Nitrite in Nutrients: Determination in Anatolian Honey-bee Pollens by Capillary Electrophoresis**
KALAYCIOĞLU Z., Karadeniz H. S., BERKER F. B.
AURUM Mühendislik ve Mimarlık Dergisi, vol.5, no.1, pp.139-148, 2021 (Peer-Reviewed Journal)
- VII. **İdrar Örneklerinde L-2-Hidroksiglutarik Asitin Kapiler Elektroforez-İndirekt UV Dedeksiyon ile Hızlı Tayini**
CANSEVER M. Ş., KALAYCIOĞLU Z., ZÜBARİOĞLU T., KIYKIM E., AKTUĞLU ZEYBEK A. Ç., BERKER F. B.
Namık Kemal Tıp Dergisi, vol.8, no.2, pp.264-270, 2020 (Peer-Reviewed Journal)
- VIII. **Oleuropein levels of Anatolian olive leaves and correlated antioxidant, antidiabetic, and anti-inflammatory activities**
Kalaycioğlu Z., Kopar M., Berker F. B.
JOURNAL OF CHEMICAL METROLOGY, vol.14, no.2, pp.133-141, 2020 (ESCI)
- IX. **INCREASING THE WATER SOLUBILITY OF CURCUMIN, BY ALGINATE IN ULTRASOUND MEDIUM**
Akkaya N. E., İşçi Turutoğlu S., Ertem A. F., Kalaycioğlu Z., Bahadori F., Catalgil Giz H.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ, vol.37, no.1, pp.85-92, 2019 (ESCI)
- X. **Comparison of Proline and Arginine Contents of Pomegranate and Grape Juices in Turkey for the Detection of Juice Adulteration**
TEZCAN TEKELİ F., UZAŞÇI S., Uyar G., KALAYCIOĞLU Z., BERKER F. B.
Hacettepe Journal of Biology and Chemistry, vol.4, 2017 (Peer-Reviewed Journal)
- XI. **CURCUMIN, INCREASING ITS WATER SOLUBILITY BY ULTRASOUND AND PEG**
Catalgil Giz H. H., ISCI S., BAHADORI F., Kalaycioglu Z., Akkurt B.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ, vol.35, no.1, pp.47-58, 2017 (ESCI)

Books & Book Chapters

- I. **Capillary Electrophoresis: Basic Principles**
Kalaycioğlu Z., Berker F. B.
in: Capillary Electrophoresis in Food Analysis, Maria Castro-Puyana,Miguel Herrero,Maria Luisa Marina, Editor, Bentham Books, Madrid, pp.1-541, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **The Affinity of Dopamine and Serotonin to Serum Albumin: Capillary Electrophoresis-Frontal Analysis and In-Silico Molecular Docking Approaches**

- KALAYCIOĞLU Z., Bilen D.
33rd International Symposium on Pharmaceutical and Biomedical Analysis, Ankara, Turkey, 2 - 06 July 2023
- II. Anadolu Arı Sütlerinin Şeker ve Organik Asit İçeriklerinin Kapiler Elektroforez ile Tayini
Çolak Ü. N., KALAYCIOĞLU Z., KOLAYLI S., BERKER F. B.
Kromatografi XXI, Aydin, Turkey, 14 - 16 June 2023
- III. Preparation and Characterization of Chitosan Based ZnFe2O4 Nanocomposite Material for Imatinib Release
Temelkuran M. E., KALAYCIOĞLU Z., BERKER F. B.
International Graduate Research Symposium – IGRS'22, İstanbul, Turkey, 01 June 2022
- IV. Characterization of Pekmez (Molasses) produced with different fruits on their individual organic acids, sugar, antioxidant activities and total phenolic contents.
KALAYCIOĞLU Z.
13. Uluslararası Bilimsel Araştırmalar Kongresi, Ankara, Turkey, 11 - 12 March 2022
- V. CHITOSAN FILMS INCORPORATED WITH BERBERINE: PHYSICAL PROPERTIES, ANTIOXIDANT AND ANTIMICROBIAL ACTIVITIES
Öztürk S., KALAYCIOĞLU Z., BERKER F. B.
INTERNATIONAL CAPPADOCIA SCIENTIFIC RESEARCH CONGRESS, Turkey, 15 December 2021
- VI. Green synthesis and characterization of cerium oxide nanoparticles using turmeric extract
KALAYCIOĞLU Z., BERKER F. B.
2nd European Conference on Smart Nanomaterials, 10 - 13 December 2019
- VII. Propolis and its active component, caffeic acid phenethyl ester (CAPE): Correlation between CAPE contents and TNF-alpha enzyme inhibitory activities
KALAYCIOĞLU Z., Alim Ç., KOLAYLI S., BERKER F. B.
XX. Euroanalysis, 1 - 05 September 2019
- VIII. Rosmarinic and Carnosic Acid Contents and Correlated Biological Activities of 15 Salvia Species from Anatolia
BERKER F. B., KALAYCIOĞLU Z., ADIMCILAR V., Aydoğdu N., DİRMENCI T.
1st International Congress on Analytical and Bioanalytical Chemistry, 27 - 30 March 2019
- IX. DOĞUMSAL METABOLİZMA HASTALIKLARININ TEŞHİSİNDE KAPİLER ELEKTROFOREZ: L-OH-GLUTARİK ASİTİN İNDİREKT TAYİNİ
CANSEVER M. Ş., KALAYCIOĞLU Z., ZÜBARİOĞLU T.
41.PEDIATRİ GÜNLERİ, İstanbul, Turkey, 7 - 10 April 2019
- X. Doğumsal metabolizma hastalıklarının teşhisinde kapiler elektroforez: İdrarda L-2-OH glutarik asitin indirekt tayini.
CANSEVER M. Ş., KALAYCIOĞLU Z.
41. Pediatri Günleri, İstanbul, Turkey, 7 - 10 April 2019
- XI. Turkish Olive Leaves: Determination of Oleuropein Contents by Capillary Electrophoresis and Pharmacological Activities
KALAYCIOĞLU Z., MERVE K., BERKER F. B.
18th Chromatography Congress, 15 - 18 November 2018
- XII. COMPARISON OF ANTI- INFLAMMATORY ACTIVITIES OF TENOXICAM AND ITS TRANSITION METAL COMPLEXES
KALAYCIOĞLU Z., MUSLU H., BERKER F. B., GÖLCÜ A.
12TH INTERNATIONAL SYMPOSIUM ON PHARMACEUTICAL SCIENCES, 26 - 29 June 2018
- XIII. Separation and determination of rosmarinic and carnosic acid contents of Anatolian Salvia species by capillary electrophoresis: Correlation between ingredient contents and plant antioxidant activities
KALAYCIOĞLU Z., ADIMCILAR V., DİRMENCI T., BERKER F. B.
8th Black Sea Basin Conference on Analytical Chemistry, 9 - 11 May 2018
- XIV. A capillary electrophoresis method for the determination of nitrate and nitrite contents in Anatolian honeys

- Aftab J., KALAYCIOĞLU Z., BERKER F. B.
4th International Türk-Pak Conference on Chemical Sciences, 26 - 28 October 2017
- XV. **BIOACTIVE COMPONENTS, ANTIOXIDANT ACTIVITIES, AND PRINCIPAL COMPONENT ANALYSIS OF TWO HEALTH BENEFIT FOOD GROUPS FROM ANATOLIA: MONOFLORAL HONEYS AND HONEY-BEE POLLENS**
BERKER F. B., KALAYCIOĞLU Z., KAYGUSUZ H., DÖKER S., TEZCAN F., YILDIZ O., ŞAHİN H., CAN Z., KOLAYLI S.
IMEKOFOODS (TC23) 3rd International Conference "Metrology Promoting Standardization and Harmonization in Food and Nutrition", Greece, 1 - 04 October 2017
- XVI. **THREE CURCUMINOID UPON INCLUSION INTO (2-HYDROXYPROPYL)- β -CYCLODEXTRIN: AN ABSORPTION AND FLUORESCENCE SPECTROSCOPIC STUDY**
KALAYCIOĞLU Z., BERKER F. B.
III. International Turkish Congress on Molecular Spectroscopy, 26 - 29 August 2017
- XVII. **Chitosan Films Incorporated with Turmeric Extract: Physical and Antibacterial Properties**
KALAYCIOĞLU Z., TORLAK E., AKIN EVİNGÜR G., ÖZEN İ., BERKER F. B.
International Conference on Multifunctional, Hybrid and Nanomaterials, 6 - 10 March 2017
- XVIII. **A screening study Analysis of Umbelliferron in Different Plants from Apiaceae Family by Capillary Electrophoresis**
KALAYCIOĞLU Z., GÜNEYDIN K., BERKER F. B.
10th Aegean Analytical Chemistry Days, 29 September - 02 October 2016
- XIX. **Authentic Turkish Bee Pollen Analysis of Organic Acids by Capillary Electrophoresis**
KALAYCIOĞLU Z., BERKER F. B.
31st International Symposium on Chromatography (ISC 2016), 28 August - 01 September 2016
- XX. **Türkiye de Yetişen Bazı Salvia Türlerinin Rosmarinik ve Karnosik Asit İçeriklerinin Kapiler Elektroforez Yöntemi ile Saptanması**
KALAYCIOĞLU Z., KAHYA N., DİRMENCI T., BERKER F. B.
8. Ulusal Analitik Kimya Kongresi, Turkey, 30 May - 03 June 2016
- XXI. **Separation and Determination of Biologically Active Triterpenoid Isomers in Turkish Salvia Species by Capillary Electrophoresis Oleanolic Acid and Ursolic Acid**
KALAYCIOĞLU Z., BERKER F. B.
2. İVEK International Convention of Pharmaceuticals and Pharmacies, 27 - 29 November 2015
- XXII. **Quality Control of Herbal Medicines by Capillary Electrophoresis Coupled with Laser Induced Fluorescence Detector**
KALAYCIOĞLU Z., Hashemi P., GÜNEYDIN K., BERKER F. B.
International Eurasia Pharmacy Congress, 3 - 07 September 2015
- XXIII. **Susam ve Keten Tohumu Örneklerindeki L Arjinin Aminoasidinin Misel Elektrokinetik Kapiler Elektroforez Lazer İndüklenmiş Floresans Dedektör ile Tayini**
KALAYCIOĞLU Z., AKAY M., BERKER F. B.
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
- XXIV. **Kapiler Elektroforez Lazer İndüklenmiş Floresans Dedektör ile L Lizin Aminoasidinin Tayini Gıda Örneklerine Uygulanması**
KALAYCIOĞLU Z., SUNA M., BERKER F. B.
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
- XXV. **Determination of Bioactive Ingredients of Edible Plants by Capillary Electrophoresis with Laser Induced Fluorescence**
HASHEMI P., KALAYCIOĞLU Z., UZAŞÇI S., BERKER F. B.
2014 Annual Conference&Exhibition Functional Foods, Nutraceuticals, Natural Health Products, and Dietary Supplements, 14 October - 17 September 2014
- XXVI. **Simultaneous Spectrophotometric Determination of Phenolic Antioxidant BHA and BHT in Capsules and Chewing Gums by Using H Point Standard Addition Method**
KALAYCIOĞLU Z., DÜLGER Ö., ÖZGÜR M.
6th Black Sea Basin Conference on Analytical Chemistry, 10 - 14 September 2013

- XXVII. Quantification of Synthetic Phenolic Antioxidants in Capsules and Chewing Gums by Derivative Differential UV Spectrophotometry
KALAYCIOĞLU Z., DÜLGER Ö., ÖZGÜR M.
6th Black Sea Basin Conference on Analytical Chemistry, 10 - 14 September 2013
- XXVIII. Nitrit ve Nitrat İyonlarının Tayini İçin Kapiler Elektroforez Örnek Sıkıştırma Yönteminin Geliştirilmesi Gıda Örneklerine Uygulanması
KALAYCIOĞLU Z., BERKER F. B.
7. Ulusal Analitik Kimya Kongresi, Turkey, 1 - 05 September 2014

Supported Projects

Berker F. B., KAYGUSUZ H., Kalaycıoğlu Z., TORLAK E., Karadeniz D., Orhan B., Project Supported by Higher Education Institutions, Antibakteriyel karboksimetil selüloz bazlı komposit yara kapayıcı malzeme geliştirilmesi, 2022 - Continues Kalaycıoğlu Z., TUBITAK Project, Kapiler Elektroforez-Frontal Analiz Yöntemi ile Dopamin ve Serotoninin Albümine İlgisinin İncelenmesi, 2022 - 2023

Berker F. B., Temelkuran M. E., Kalaycıoğlu Z., Project Supported by Higher Education Institutions, KitosanZnFe2O4 nanokomposit malzemesi hazırlanması karakterizasyonu ve kanser ilaç yüklenen malzemeden ilaç salımının incelenmesi, 2021 - 2023

Berker F. B., Öztürk S., Kalaycıoğlu Z., Project Supported by Higher Education Institutions, GIDA AMBALAJ MALZEMESİ HEDEFLİ BERBERİN KATKILI KİTOSAN FILMLERİN HAZIRLANMASI VE KARAKTERİZASYONU, 2021 - 2022

Berker F. B., Kalaycıoğlu Z., Project Supported by Higher Education Institutions, Kurkuminoïdler: Potansiyel Uygulama Alanlarının Aydınlatılmasında Analitik ve Biyokimya Temelli Araştırmalar, 2018 - 2020

Berker F. B., Kaygusuz H., Kalaycıoğlu Z., Kahya N., TORLAK E., Adımcılar V., Project Supported by Higher Education Institutions, Seryum iyonu ve nano seryum oksit içerikli yeni yara kapatıcı çitosan bazlı hidrojel filmelerin hazırlanması: Antibakteriyel ve fiziksel özelliklerinin incelenmesi, 2017 - 2020

Metrics

Publication: 62
Citation (WoS): 638
Citation (Scopus): 697
H-Index (WoS): 11
H-Index (Scopus): 11

Congress and Symposium Activities

Green-synthesized and characterization of cerium oxide nanoparticles using turmeric extract, Attendee, Paris, France, 2019
Propolis and its active component, caffeic acid phenethyl ester (CAPE): Correlation between CAPE contents and TNF- α enzyme inhibitory activities, Attendee, İstanbul, Turkey, 2019
Rosmarinic and Carnosic Acid Contents and Correlated Biological Activities of 15 Salvia Species from Anatolian, Attendee, Antalya, Turkey, 2019

Non Academic Experience

Yükseköğretim Kurulu