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International Researcher IDs

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Education Information

Doctorate, Marmara University, Institute For Graduate Studies In Pure And Applied Sciences, Department Of Chemistry, Turkey 2012 - 2017
Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 2009 - 2012
Undergraduate, Gazi University, Fen Fakültesi, Kimya, Turkey 2005 - 2009

Dissertations

Doctorate, Nanoelmas ve karbon nanotüp parçacıklarının foto-graftlama tekniğiyle modifikasyonu ve kompozitlerinin hazırlanması, Marmara University, Institute For Graduate Studies In Pure And Applied Sciences, Department Of Chemistry, 2017
Postgraduate, Selüloz kaplı manyetik nanoparçacıklara lakkaz enziminin immobilizasyonu, Gazi University, Fen Bilimleri Enstitüsü, 2011

Research Areas

Biotechnology, Chemical Technologies, Composites, Characterization of Polymers, New Technologies in Polymer Chemistry, Polymeric Films, Polymeric Complexes, Polymeric Materials

Academic Titles / Tasks

Associate Professor, Gazi University, Teknik Bilimler Meslek Yüksekokulu, Kimya Ve Kimyasal İşleme Teknolojileri Bölümü, 2023 - Continues
Associate Professor, Amasya University, Amasya Technical Sciences Vocational School, Department Of Chemistry And Chemical Processing Technology, 2021 - 2023
Assistant Professor, Amasya University, Amasya Technical Sciences Vocational School, Department Of Chemistry And Chemical Processing Technology, 2018 - 2021
Research Assistant, Amasya University, Faculty Of Arts And Sciences, Department Of Chemistry, 2017 - 2018
Research Assistant, Marmara University, Institute For Graduate Studies In Pure And Applied Sciences, Department Of Chemistry, 2012 - 2017
Research Assistant, Amasya University, Faculty Of Arts And Sciences, Department Of Chemistry, 2011 - 2012

Advising Theses

- Beyler Çiğil A., Selülozik yapıda antibakteriyel kaplama sentezlenmesi, Postgraduate, Y.ÖZDEMİR(Student), 2022
- Beyler Çiğil A., Demir S., İlaç taşıyıcı sistemler olarak manyetik Fe₃O₄ nanoparçacıkları içeren hibrit nanomalzeme hazırlanması ve karakterizasyonu, Postgraduate, Ş.TUNA(Student), 2020
- Beyler Çiğil A., Kahraman M. V., Kendi kendini onarabilen uv ışınlarıyla kuruyabilen kaplamaların hazırlanması ve performans özelliklerinin incelenmesi, Postgraduate, Ö.TEZEL(Student), 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **UV-curable Schiff base-containing polymeric adsorbent for selective and efficient removal of Au(III) from aqueous solutions**
Aydın Urucu O., Beyler Çiğil A., Zülfikaroğlu A., Esentürk O.
Materials Today Communications, vol.37, 2023 (SCI-Expanded)
- II. **An evaluation of antibacterial properties and cytotoxicity of UV-curable biocompatible films containing hydroxyethyl cellulose and silver nanoparticles**
Beyler Çiğil A., Özdemir Y., Birtane H.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.245, pp.125516-125527, 2023 (SCI-Expanded)
- III. **Fluorimetric Reusable Polymeric Sensor for Hydrogen Sulfide Detection**
Unaldi A. S., ÇUBUK S., BEYLER ÇİĞİL A., KAHRAMAN M. V.
JOURNAL OF FLUORESCENCE, vol.33, no.4, pp.1651-1659, 2023 (SCI-Expanded)
- IV. **Thermal and dielectric properties of flexible polyimide nanocomposites with functionalized nanodiamond and silver nanoparticles**
BİRTANE H., BEYLER ÇİĞİL A., MADAKBAŞ S., ESMER K., KAHRAMAN M. V.
POLYMER BULLETIN, vol.80, no.5, pp.5353-5371, 2023 (SCI-Expanded)
- V. **Covalently bonded nanosilver-hydroxyethyl cellulose/polyacrylic acid/sorbitol hybrid matrix: thermal, morphological and antibacterial properties**
Beyler Çiğil A., Sen F., Birtane H., Kahraman M. V.
POLYMER BULLETIN, vol.79, no.12, pp.11353-11368, 2022 (SCI-Expanded)
- VI. **PREPARATION AND CHARACTERIZATION OF HYBRID NANOMATERIALS CONTAINING MAGNETIC FE₃O₄ NANOPARTICLES AS DRUG DELIVERY SYSTEM**
Tuna S., Beyler-Cigil A., Demir S.
CELLULOSE CHEMISTRY AND TECHNOLOGY, vol.56, no.7-8, pp.795-805, 2022 (SCI-Expanded)
- VII. **Statistical optimization and selective uptake of Au(III) from aqueous solution using carbon nanotube-cellulose based adsorbent**
Birtane H., Aydın Urucu O., Yıldız N., Beyler Çiğil A., Kahraman M. V.
MATERIALS TODAY COMMUNICATIONS, vol.30, 2022 (SCI-Expanded)
- VIII. **Cellulose/cysteine based thiol-ene UV cured adsorbent: removal of silver (I) ions from aqueous solution**
BEYLER ÇİĞİL A., AYDIN URUCU O., BİRTANE H., KAHRAMAN M. V.
CELLULOSE, vol.28, no.10, pp.6439-6448, 2021 (SCI-Expanded)
- IX. **Transparent and flexible antibacterial photocrosslinked thin films against the S. aureus and E. coli pathogen bacteria**
BEYLER ÇİĞİL A., BİRTANE H., Sen F., KAHRAMAN M. V.
MATERIALS TODAY COMMUNICATIONS, vol.27, 2021 (SCI-Expanded)
- X. **Optimizing the immobilization conditions of beta-galactosidase on UV-cured epoxy-based polymeric film using response surface methodology**
BEYLER ÇİĞİL A., DANIŞ Ö., Sarsar O., KAHRAMAN M. V., OGAN A., DEMİR S.
JOURNAL OF FOOD BIOCHEMISTRY, vol.45, no.4, 2021 (SCI-Expanded)

- XI. **Free volume, thermal and morphological properties of photo-crosslinked thiol-Ene/nanodiamond hybrid network**
BEYLER ÇİĞİL A., MADAKBAŞ S., TAV C., YAHŞI U., KAHRAMAN M. V.
PIGMENT & RESIN TECHNOLOGY, vol.50, no.2, pp.113-120, 2021 (SCI-Expanded)
- XII. **Dual microcapsules based epoxy/polyethyleneimine autonomous self-healing system for photo-curable coating**
Tezel O., BEYLER ÇİĞİL A., KAHRAMAN M. V.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.32, no.2, pp.553-563, 2021 (SCI-Expanded)
- XIII. **Encapsulation of trichloroacetic acid and trifluoroacetic acid for autonomous self healing coatings**
Tezel O., BEYLER ÇİĞİL A., KAHRAMAN M. V.
POLYMER-PLASTICS TECHNOLOGY AND MATERIALS, vol.59, no.18, pp.2040-2049, 2020 (SCI-Expanded)
- XIV. **Designing superhydrophobic and flame retardant photo-cured hybrid coatings**
BEYLER ÇİĞİL A.
PROGRESS IN ORGANIC COATINGS, vol.148, 2020 (SCI-Expanded)
- XV. **Preparation and antimicrobial properties of LL-37 peptide immobilized lignin/caprolactone polymer film**
OGAN A., Yuce-Dursun B., Abdullah D., BEYLER ÇİĞİL A., KAHRAMAN M. V., ÇAĞLAYAN P., BİRBİR M., MUTLU Ö., GÜLSOY N.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.31, no.10, pp.2222-2228, 2020 (SCI-Expanded)
- XVI. **Selective molecularly imprinted polymer for the analysis of chlorpyrifos in water samples**
AYDIN URUCU O., BEYLER ÇİĞİL A., BİRTANE H., KÖK YETİMOĞLU E., KAHRAMAN M. V.
JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY, vol.87, pp.145-151, 2020 (SCI-Expanded)
- XVII. **pH-controlled lavender oil capsulation with ABA-type block copolymer and usage in paper coating**
ARMAN KANDIRMAZ E., BİRTANE H., BEYLER ÇİĞİL A., ÖZCAN A.
FLAVOUR AND FRAGRANCE JOURNAL, vol.35, no.2, pp.174-181, 2020 (SCI-Expanded)
- XVIII. **Nanodiamond-containing polyethyleneimine hybrid materials for lead adsorption from aqueous media**
BEYLER ÇİĞİL A., AYDIN URUCU O., KAHRAMAN M. V.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.136, no.46, 2019 (SCI-Expanded)
- XIX. **Thermal, optical and electrical properties of UV-curing screen-printed glass substrates**
BEYLER ÇİĞİL A., ARMAN KANDIRMAZ E., BİRTANE H., KAHRAMAN M. V.
POLYMER BULLETIN, vol.76, no.9, pp.4355-4368, 2019 (SCI-Expanded)
- XX. **Design and development of self-healing coating based on thiol-epoxy reactions**
Tezel O., BEYLER ÇİĞİL A., KAHRAMAN M. V.
REACTIVE & FUNCTIONAL POLYMERS, vol.142, pp.69-76, 2019 (SCI-Expanded)
- XXI. **PEG-based hydrogel-coated test strip for on-site urea determination**
TÜZÜNER B., BEYLER ÇİĞİL A., KAHRAMAN M. V., YARAT A.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, vol.68, no.10, pp.597-606, 2019 (SCI-Expanded)
- XXII. **Covalent immobilization of acetylcholinesterase on a novel polyacrylic acid-based nanofiber membrane**
Cakiroglu B., BEYLER ÇİĞİL A., OGAN A., KAHRAMAN M. V., DEMİR S.
ENGINEERING IN LIFE SCIENCES, vol.18, no.4, pp.254-262, 2018 (SCI-Expanded)
- XXIII. **Photo-crosslinked thiol-ene based hybrid polymeric sensor for humidity detection**
BEYLER ÇİĞİL A., CANKURTARAN H., KAHRAMAN M. V.
REACTIVE & FUNCTIONAL POLYMERS, vol.114, pp.75-85, 2017 (SCI-Expanded)
- XXIV. **Thermally Stable Phosphonium Organoclay-Reinforced Polyimide Nanocomposites**
BİRTANE H., BEYLER ÇİĞİL A., ÇAKMAKÇI E., KAHRAMAN M. V.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.56, no.4, pp.443-452, 2017 (SCI-Expanded)
- XXV. **Effect of surface modification on nano-diamond particles for surface and thermal property of UV-curable hybrid coating**

- BEYLER ÇİĞİL A., KAHRAMAN M. V.
PROGRESS IN ORGANIC COATINGS, vol.101, pp.468-476, 2016 (SCI-Expanded)
- XXVI. **Thermal Properties of Phosphorylated Nanodiamond Reinforced Polyimides**
BEYLER ÇİĞİL A., ÇAKMAKÇI E., KAHRAMAN M. V.
POLYMER COMPOSITES, vol.37, no.8, pp.2285-2292, 2016 (SCI-Expanded)
- XXVII. **Preparation and characterization of sol-gel hybrid coating films for covalent immobilization of lipase enzyme**
Yuce-Dursun B., BEYLER ÇİĞİL A., Dongez D., KAHRAMAN M. V., OGAN A., DEMİR S.
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, vol.127, pp.18-25, 2016 (SCI-Expanded)
- XXVIII. **Immobilization of alpha- amylase on aminated polyimide membrane: Preparation, characterization, and properties**
ÇAKMAKÇI E., BEYLER ÇİĞİL A., DANIŞ Ö., DEMİR S., KAHRAMAN M. V.
STARCH-STARKE, vol.66, no.3-4, pp.274-280, 2014 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **A BIODEGRADABLE SMART PACKAGING FILM WITH LOCUST BEAN GUM, HYDROXY ETHYL CELLULOSE AND CURCUMIN**
BEYLER ÇİĞİL A., ESENTÜRK O.
4th INTERNATIONAL PRINTING TECHNOLOGIES SYMPOSIUM, İstanbul, Turkey, 5 - 06 October 2023, pp.77-84
- II. **Preparation and characterization of polythiophene/CNT based CO sensor**
BEYLER ÇİĞİL A., ESENTÜRK O.
49th IUPAC World Chemistry Congress, Hague, Netherlands, 20 - 25 August 2023
- III. **Edible Film Production with Aloe Vera Extract and Its Printability**
BİRTANE H., BEYLER ÇİĞİL A.
International Symposium on Graphic Engineering and Design, Novi-Sad, Serbia, 3 - 05 November 2022
- IV. **Preparation of conductive and flame-retardant PU/GO/DOPO printed films**
BEYLER ÇİĞİL A., BİRTANE H., ESENTÜRK O.
International Symposium on Graphic Engineering and Design, Novi-Sad, Serbia, 3 - 05 November 2022
- V. **Biobased intelligent packaging application**
BEYLER ÇİĞİL A.
Proceedings - The Tenth International Symposium GRID 2020, Novi-Sad, Serbia, 12 - 14 November 2020
- VI. **Determination of Electrical Properties of Screen Printed UV Curable Conductive Lines with Silver Nanoparticles**
BEYLER ÇİĞİL A., KAHRAMAN M. V.
7th International Joint Conference on Environmental and Light Industry Technologies, Budapest, Hungary, 21 - 22 November 2019
- VII. **Colorimetric Determination of Vanadium in Water Samples**
BEYLER ÇİĞİL A., AYDIN URUCU O., ARMAN KANDIRMAZ E.
7th international joint conference on environmental and light industry technologies, Budapest, Hungary, 21 - 22 November 2019
- VIII. **New Design of Ph-Responsive Packaging Materials for Milk**
BEYLER ÇİĞİL A., KAHRAMAN M. V.
3rd INTERNATIONAL PRINTING TECHNOLOGIES SYMPOSIUM, İstanbul, Turkey, 10 - 12 October 2019
- IX. **UV ile Kürlenmiş Flekso Mürekkeplerinde Kullanılacak Boyar Madde Sentezi ve Basılabilirlik Özelliklerinin İncelenmesi**
BİRTANE H., BEYLER ÇİĞİL A., ARMAN KANDIRMAZ E., KAHRAMAN M. V.
6th INTERNATIONAL PRINTING TECHNOLOGIES SYMPOSIUM, İstanbul, Turkey, 1 - 03 November 2018
- X. **P-Dimetil Amino Azo-Benzen'in Alilglisidil Eter ile Verdiği Bileşiklerin Flekso Mürekkeplerinde Kullanımının İncelenmesi**

- ARMAN KANDIRMAZ E., BİRTANE H., BEYLER ÇİĞİL A., KAHRAMAN M. V.
6th INTERNATIONAL PRINTING TECHNOLOGIES SYMPOSIUM, İstanbul, Turkey, 1 - 03 November 2018
- XI. **Allil Modifiye 2- Naftol Boyar Maddesi Sentezi ve UV ile kürlenen Flekso Mürekeplerinde Kullanımı**
BEYLER ÇİĞİL A., ARMAN KANDIRMAZ E., BİRTANE H., KAHRAMAN M. V.
6th INTERNATIONAL PRINTING TECHNOLOGIES SYMPOSIUM, İstanbul, Turkey, 1 - 03 November 2018
- XII. **İlaç Taşıyıcı Sistemler Olarak Manyetik Fe₃O₄ Nanoparçacıkları İçeren Hibrit Nano Malzemelerin Hazırlanması ve Karakterizasyonu**
DEMİR S., BEYLER ÇİĞİL A., TUNA Ş.
30. Ulusal Kimya Kongresi, Cyprus (Kkct), 5 - 08 November 2018
- XIII. **Mikroenkapsüle epoksi ile kendi kendini iyileştirebilen kaplamaların hazırlanması**
BEYLER ÇİĞİL A., Tezel Ö., KAHRAMAN M. V.
30. Ulusal Kimya Kongresi, Cyprus (Kkct), 5 - 08 November 2018
- XIV. **Cu/Ag Nanopartikülleri İçeren Tiyo1-en Esaslı Kaplamaların Hazırlanması ve Özelliklerinin İncelenmesi**
BİRTANE H., BEYLER ÇİĞİL A., ARMAN KANDIRMAZ E., KAHRAMAN M. V.
7. Uluslararası Katılımlı Polimer Bilim ve Teknoloji Kongresi, Eskişehir, Turkey, 9 - 12 September 2018
- XV. **D vitamini Kapsülasyonunda Kullanılan Poli(vinil alkol)-(oleik asit)] Sentezi ve Karakterizasyonu**
ARMAN KANDIRMAZ E., BİRTANE H., BEYLER ÇİĞİL A., KAYAMAN APOHAN N.
7. Uluslararası Katılımlı Polimer Bilim ve Teknoloji Kongresi, Eskişehir, Turkey, 9 - 12 September 2018
- XVI. **Hidrofilik Silika Nanoparçacıkların Akrilik Üretan Esaslı Kaplamaların Yüzey Özelliklerine Etkisinin İncelenmesi**
BEYLER ÇİĞİL A., ARMAN KANDIRMAZ E., BİRTANE H., KAHRAMAN M. V.
7. Uluslararası Katılımlı Polimer Bilim ve Teknoloji Kongresi, Eskişehir, Turkey, 9 - 12 September 2018
- XVII. **Serigrafi ile Uygulanan Yüzeyi Modifiye Edilmiş Polianilin İçeren Poliimid Baskıların Termal ve Elektriksel Özellikleri**
BİRTANE H., BEYLER ÇİĞİL A., ARMAN KANDIRMAZ E., KAHRAMAN M. V.
2nd International Printing Technologies Symposium, İstanbul, Turkey, 11 October 2017
- XVIII. **Immobilization of Lipase onto Photocrosslinked in Interpenetrating Polymer Network**
YÜCE DURSUN B., BEYLER ÇİĞİL A., DANIŞ Ö., DEMİR S., KAHRAMAN M. V.
3rd International Conference on New Trends in Chemistry, Helsinki, Finland, 28 - 30 April 2017
- XIX. **Covalent immobilization of LL-37 onto lignin caprolactone based polymer and investigation of its antimicrobial activities**
OGAN A., YÜCE DURSUN B., ABDULLAHİ FARAH D., BEYLER ÇİĞİL A., ÇAĞLAYAN P., MUTLU Ö., KAHRAMAN M. V., GÜLSOY N., BİRBİR M.
41st FEBS CONGRESS, Aydın, Turkey, 03 September 2016
- XX. **Synthesis and Properties of Photocured Surface Modified Polyaniline Hybrid Composites**
BEYLER ÇİĞİL A., KAHRAMAN M. V.
18th International conference on chemistry, Paris, France, 25 - 26 April 2016
- XXI. **Efficiency of a Molecularly Imprinted Polymer for Selective Removal of Chlorpyrifos from Water Samples**
AYDIN URUCU O., BEYLER ÇİĞİL A., CEYLAN H., KÖK YETİMOĞLU E., KAHRAMAN M. V.
18th International conference chemistry, Paris, France, 25 - 26 April 2016
- XXII. **Surface Modified Nano Dimond Polyimide Hybrid Composites**
CEYLAN H., BEYLER ÇİĞİL A., KAHRAMAN M. V.
18th International conference on chemistry, Paris, France, 25 - 26 April 2016
- XXIII. **Lipaz Enziminin UV Işınlarıyla Sertleşen Sol Jel Hibrit Kaplama Filmlerine Yanıt Yüzey Metodu RSM ile Optimal İmmobilizasyonu**
DEMİR S., DİLEK D., BEYLER ÇİĞİL A., DANIŞ Ö., YÜCE DURSUN B., KAHRAMAN M. V., OGAN A.
27. ULUSAL KİMYA KONGRESİ, Çanakkale, Turkey, 23 - 28 August 2015
- XXIV. **B Galaksidaz Enziminin UV Işınlarıyla Sertleşen Polimerik Matriks Üzerine Yanıt Yüzey Metodu RSM ile Optimal İmmobilizasyonu**

- DANIŞ Ö., ONUR S., BEYLER ÇİĞİL A., DEMİR S., KAHRAMAN M. V., OGAN A.
27. ULUSAL KİMYA KONGRESİ, Çanakkale, Turkey, 23 - 28 August 2015
- XXV. **LL-37 Peptitinin Lignin Kaprolakton Polimerine İmmobilizasyonu ve Antimikrobiyal Özelliğinin İncelenmesi**
ABDULLAHİ FARAH D., OGAN A., YÜCE DURSUN B., BEYLER ÇİĞİL A., KAHRAMAN M. V., MUTLU Ö., GÜLSOY N., ÇAĞLAYAN P., BİRBİR M.
27. ULUSAL KİMYA KONGRESİ, Çanakkale, Turkey, 23 - 28 August 2015
- XXVI. **Asetilkolinesteraz AchE Enziminin Poliakrilik asit esaslı nanofiber membran üzerine Kovalent İmmobilizasyonu**
ÇAKIROĞLU B., BEYLER ÇİĞİL A., KAHRAMAN M. V., DEMİR S., OGAN A.
5. FİZİKSEL KİMYA KONGRESİ, Konya, Turkey, 16 - 19 May 2015
- XXVII. **UV Curable Urethaneacrylate Phosphorylated Nano Diamond Nanocomposites**
BEYLER ÇİĞİL A., ÇAKMAKÇI E., KAHRAMAN M. V.
INTERNATIONAL CONGRESS ON CHEMICAL BIOLOGICAL AND ENVIRONMENTAL SCIENCES, Kyoto, Japan, 7 - 09 May 2015
- XXVIII. **Photocured surface modified nanodiamond hybrid composites**
BEYLER ÇİĞİL A., KAHRAMAN M. V.
250th American Chemical Society National Meeting, Boston, United States Of America, 16 - 20 May 2015
- XXIX. **Covalent immobilization of lipase onto sol-gel hybrid coating films**
dongez d., BEYLER ÇİĞİL A., DEMİR S., DANIŞ Ö., OGAN A., KAHRAMAN M. V.
14. Congres of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo, Bosnia And Herzegovina, 10 - 12 October 2014
- XXX. **Covalent Immobilization of lactase onto UV-Curable polymeric matrix**
sarsar o., BEYLER ÇİĞİL A., DEMİR S., DANIŞ Ö., OGAN A., KAHRAMAN M. V.
14. Congres of Chemists and Chemical Engineers of Bosnia Herzegovina, Sarajevo, Bosnia And Herzegovina, 10 - 12 October 2014
- XXXI. **Phosphonium modified clay/polyimide nanocomposites**
BİRTANE H., ÇAKMAKÇI E., BEYLER ÇİĞİL A., KAHRAMAN M. V.
NANOSTRUC International Conference on Structural Nano Composites, Madrid, Spain, 20 May 2014, vol.64, pp.12046
- XXXII. **Phosphorylated nano-diamond/ Polyimide Nanocomposites**
BEYLER ÇİĞİL A., ÇAKMAKÇI E., KAHRAMAN M. V.
NANOSTRUC International Conference on Structural Nano Composites, Madrid, Spain, 20 May 2014, vol.64, pp.12048
- XXXIII. **Preparation and Properties of Xylanase Immobilization with Functionalized Polyimide Membrane**
BEYLER ÇİĞİL A., DEMİR S., DANIŞ Ö., KAHRAMAN M. V.
INTERNATIONAL SYMPOSIUM ON ADVANCED POLYMERIC MATERIALS, Kuala-Lumpur, Malaysia, 13 - 16 May 2014
- XXXIV. **Alpha-amylase Immobilization on Modified Polyimide Material**
BEYLER ÇİĞİL A., ÇAKMAKÇI E., DANIŞ Ö., DEMİR S., KAHRAMAN M. V.
11th International Conference on Chemical Process Engineering, Milan, Italy, 02 June 2013, vol.32, pp.1687-1692

Supported Projects

Beyler Çiğil A., Esentürk O., TUBITAK Project, Politiyofen/CNT nanokompozit tabanlı hassas CO gaz sensörü hazırlanması ve karakterizasyonu, 2022 - 2024

Beyler Çiğil A., Özdemir Y., Project Supported by Higher Education Institutions, Selüloz bazlı UV ile sertleşebilen antibakteriyel kaplamaların hazırlanması ve karakterizasyonu, 2020 - 2022

Beyler Çiğil A., Demir S., Tuna Ş., Project Supported by Higher Education Institutions, İlaç taşıyıcı sistemler olarak manyetik Fe₃O₄ nanoparçacıkları içeren hibrit nano malzemelerin hazırlanması ve karakterizasyonu, 2019 - 2020

Beyler iđil A., Project Supported by Higher Education Institutions, Epoksi/amin ift mikrokapsül sistemi kullanarak kendi kendini iyileştirebilen kaplamaların hazırlanması, 2019 - 2020

Beyler iđil A., Madakbař S., řen F., Esmer K., Kahraman M. V., Birtane H., Project Supported by Higher Education Institutions, Esnek Poliimid Yapıların Hazırlanması, Karakterizasyonu ve Fiziksel Özelliklerinin İncelenmesi, 2018 - 2020

Beyler iđil A., Kahraman M. V., Tezel Ö., Project Supported by Higher Education Institutions, Kendi Kendini Onarabilen UV Iřınlarıyla Kuruyabilen Kaplamaların Hazırlanması ve Performans Özelliklerinin İncelenmesi, 2018 - 2019

Beyler iđil A., Yarat A., Kahraman M. V., Alev B., Project Supported by Higher Education Institutions, Biyolojik sıvılarda böbrek fonksiyonlarının izlenmesinde kullanılacak polimer yapılı biyosensör geliştirilmesi, 2014 - 2017

Beyler iđil A., Kahraman M. V., Project Supported by Higher Education Institutions, AKRİLAT ESASLI YARI İLETKEN KOMPOZİTLERİN HAZIRLANMASI VE KARAKTERİZASYONU, 2014 - 2017