

# VURAL BÜTÜN

## PROF.

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Kimya Bölümü, ESOĞÜ Oteli yanı TİM Binası, Kat 5, Meşelik  
Kampüsü, 26480, Eskişehir.

### International Researcher IDs

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Publons / Web Of Science ResearcherID: V-5171-2017

ScopusID: 6603765801

Yoksis Researcher ID: 4444



## Biography

**Prof. Dr. Vural Bütün** was born in Ordu/Turkey in 1968. He graduated from the Department of Chemistry Teaching of Ondokuz Mayıs University (OMU) in 1990. He received his MSc degree from the same university in 1993. He has received his PhD at the University of Sussex-UK in 1999. Dr. Bütün's first work experience was at a High School in Samsun as Chemistry Teacher in 1990. He became a Research Assistant at the Chemistry Departments of OMU in 1991. He worked for both OMU (1991-1994) and Eskişehir Osmangazi University (ESOGU, 1994- 2000) as Research Assistant.

After completing his PhD in UK, he returned to Eskişehir Osmangazi University-Turkey (ESOGU) and started to work at the Chemistry Department as Assistant Professor in 2000. He became Associate Professor in 2002 and Professor in 2007. Dr. Bütün was also employed by the University of Sussex as a Post-Doctoral Research Fellow in 1999. He has also visited the University of Sussex, Institute of Macromolecular Chemistry (Prague) and Hungarian Academy of Science (Budapest) as visiting research fellow. He has fulfilled various commission membership at ESOGU, such as the Faculty Board, Faculty Board of Directors, the Institute Board of Directors, Scientific Research Project Commission, University Selected Board Member. He is the Founder of both "Department of Polymer Science and Technology" (2012-2022) and "Central Research Laboratory Application and Research Center" of ESOGU (2012-2022). Additionally, he was The Dean of Faculty of Arts and Science (2016-2020), The Manager of Metallurgy Institute (2007-2009) and the Head of Chemistry Department (2009-2010). He has published more than 100 scientific papers and two book chapters based on water-soluble polymers, surface-active polymers, self-assembly, cross-linked micelles, microgels, nanometal dispersions, nanofilms via LbL technology, schizophrenic copolymers, etc. His papers have been cited more than 4800 times (WoS). His h-index is 30 (WoS). he has supervised 7 PhD and 19 MSC theses. He is also the owner of various scientific awards. Some of them are given below;

- 2004 Third World Academy of Sciences (TWAS) Science Encouragement Awards
- 2004 TUBA-GEBIP Outstanding Young Scientist Award - 2004 TÜBİTAK Science Encouragement Award,
- 2005 PAGEV Plastic Technology Research Award - 2006 Tunc Savascı Polymer Science and Technology Award
- 2008 Popular Science Award
- 2021 Gold Molecule - 100 Turks Who Directed Chemistry Science in the World
- 2021 ESOGU - Service Award
- 2009-2015 Associate Member of the Turkish Academy of Sciences

Prof. Dr. V. Bütün is married and has two children. Currently, he continues to work in Chemistry Department of Eskisehir Osmangazi University.

## Learning Knowledge

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Doctorate 1996 - 1999	University of Sussex, Kimya Bölümü, United Kingdom
Postgraduate 1990 - 1993	Ondokuz Mayıs University, Institute Of Science, Kimya (YI) (Tezli), Turkey
Undergraduate 1986 - 1990	Ondokuz Mayıs University, Faculty Of Education, Department Of Mathematics And Science Teaching, Turkey

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## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, Synthesis, characterisation and evaluation of novel methacrylate based water-soluble block copolymers, University of Sussex, Kimya Bölümü, 1999

Postgraduate, Müreksitin (Amonyum purpurat) ve kadmiyum, çinko komplekslerinin polarografik davranışlarının incelenmesi, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 1993

## Academic Titles / Tasks

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Professor 2007 - Continues	Eskisehir Osmangazi University, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ
Associate Professor 2002 - 2007	Eskisehir Osmangazi University, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ
Assistant Professor 2000 - 2002	Eskisehir Osmangazi University, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ
Research Assistant 1994 - 2000	Eskisehir Osmangazi University, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ
Research Assistant 1991 - 1994	Ondokuz Mayıs University, Faculty Of Arts And Sciences, Department Of Chemistry

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## Supported Projects

1. BÜTÜN V., ABBASOVA G., Project Supported by Higher Education Institutions, Yara İyileştirici Bir Malzeme Olarak Polifosfat Bazlı Fonksiyonel Kompozit Hidrojel, 2024 - Continues
2. BÜTÜN V., DAĞ İ., ÖZBAL A., Project Supported by Higher Education Institutions, Yeni ilaç taşıyıcı ve salım sistemi olarak çapraz bağlı misel nanoyapıların geliştirilmesi, 2024 - Continues
3. DİKMEN Z., BÜTÜN V., TURHAN O., DİKMEN G., Project Supported by Higher Education Institutions, Optik Duyarlı Kompleksleştirici Polimer İnorganik Kolloidal Nanokristal Temelli Hibrit Parikül İle İki Emisyon Dalga Boylu Çok İşlevli Sensörlerin Geliştirilmesi, 2023 - Continues
4. TUNCER C., BÜTÜN V., BÜTÜN ŞENGEL S., Project Supported by Higher Education Institutions, TiO<sub>2</sub>/Polimer Kompozit Sistemlerinin Hazırlanması ve Bunların Kontrollü İlaç Salım Sistemi Olarak Kullanılması, 2021 - Continues
5. BÜTÜN ŞENGEL S., BÜTÜN V., Project Supported by Higher Education Institutions, ÇEVRE VE ENERJİ UYGULAMALARI İÇİN TASARLANMIŞ ÇOK FONKSİYONLU KARBON PARTİKÜLLERİ, 2021 - 2024
6. BÜTÜN V., DAĞ İ., YENİCE GÜRSU B., SOLMAZ G., AŞKIN A., KOYUNCU O., ŞENGEL T., DİKMEN G., USLU O., YÜCEL B. C., Project Supported by Higher Education Institutions, Gözenekli Mazemelerin Elektron Mikroskopları ve X-ışını Difraksiyonu ile İleri Düzey Analizleri, 2021 - 2023
7. Bütün V., TUBITAK Project, Tiyazolo-Tiyazol Temelli Moleküller ile Modifiye Edilmiş Multi-fonksiyonlu Polimerik Materyal Geliştirilmesi, 2019 - 2022
8. Dikmen G., Dikmen Z., Bütün V., Project Supported by Higher Education Institutions, TİYOL TÜREVİ MOLEKÜLLERİN DFT VE SPEKTROSKOPİK YÖNTEMLER İLE ARAŞTIRILMASI, DNA, BSA VE HSA'YA BAĞLANMASI, 2020 - 2021
9. Dikmen G., Kani İ., Bütün V., Project Supported by Higher Education Institutions, BENZOİK ASİT VE TÜREVLERİNİN NÖTRAL AMİN LİGANDLARI İLE ZN(ÇİNKO) KOMPLEKSLERİNİN SENTEZİ VE SPEKTROSKOPİK VE DFT YÖNTEMLERİ İLE KARAKTERİZASYONU, 2018 - 2019
10. Dikmen G., Alver Ö., Bütün V., Project Supported by Higher Education Institutions, URASİL TÜREVİ MOLEKÜLLERİN SPEKTROSKOPİK KARAKTERİZASYONU, YAPI ANALİZLERİ, KONFORMASYON HALLERİNİN SPEKTROSKOPİK YÖNTEMLERLE VE KUANTUM KİMYASAL HESAPLAMALAR İLE İNCELENMESİ, 2018 - 2019
11. BÜTÜN V., GÜRSOY Y. H., USLU O., SOLMAZ G., ŞİRİN D. Ü., DAĞ İ., YENİCE GÜRSU B., DİKMEN G., ŞENGEL T., Project Supported by Higher Education Institutions, Biyolojik, Organik ve İnorganik Malzemelerin Elektron Mikroskoplar ile Görüntüleme ve İleri Nitel-Nicel Yapı Analizleri., 2017 - 2019
12. BÜTÜN V., ERKASAP N., ÖZYURT R., Project Supported by Higher Education Institutions, Çevre duyarlı mikrojel-lipozom bazlı biyomalzemelerin ilaç taşıyıcı/salıcı system olarak meme kanseri tedavisi uygulaması sırasında diğer dokulardaki sitotoksik etkileri, 2017 - 2018
13. BÜTÜN V., Project Supported by Higher Education Institutions, "İlaç etken maddesi içeren ve manyetik nanopartikül ile hedeflenebilen çevre duyarlı mikrojel-lipozom bazlı biyomalzemelerin meme kanseri tedavisi uygulama çalışmaları", 2016 - 2018
14. BÜTÜN V., TUNCER C., DİKMEN Z., Project Supported by Higher Education Institutions, "Polimer Kaplı-CdSe/CdS Nano Kristal Sentezi ve Basit Güneş Pili Üretimi", 2016 - 2018
15. BÜTÜN V., TUNCER C., Project Supported by Higher Education Institutions, Yeni tip stabilizör kullanarak CdS nanokristallerinin sentezi ve karakterizasyonu, 2016 - 2017
16. Bütün V., Çiçek H., TUBITAK Project, Bor Temelli Polimerik Yapıların üretilmesi ve Antibakteriyel Özelliklerinin Belirlenmesi, 2014 - 2017
17. BÜTÜN V., ÇABUK A., AYTAZ ÇELİK P., Project Supported by Higher Education Institutions, Çitgöl termal kaplıcasının prokaryotik çeşitliliğinin klasik ve moleküler yöntemler kullanılarak belirlenmesi izolatların biyopolimer üretim yeteneklerinin araştırılması, 2013 - 2017
18. EROĞLU S., KILIÇ G., BÜTÜN V., PARLAKTUNA O., EROL K., Project Supported by Higher Education Institutions, Biyomoleküllerin Mekanik Araştırmaları Amacıyla Protokol Oluşturulması, 2016 - 2016
19. Bütün V., TUBITAK Project, Çevre Duyarlı Mikrojellerin Sentez Karakterizasyonu ve Uygulama Alanı Mikrojel Lipozom Biyomalzeme Geliştirme, 2015 - 2016
20. BÜTÜN V., Project Supported by Higher Education Institutions, Biyoteknolojik Uygulamalar İçin Polimer-Metal Kompozit Malzeme geliştirme Çalışmaları, 2015 - 2016

21. DİKMEN G., AŞKIN A., ÇELİK O. N., BÜTÜN V., ŞİRİN D. Ü., Project Supported by Higher Education Institutions, Malzeme biliminde X Işını teknolojisinin kullanımı ve yapı karakterizasyonu, 2014 - 2016
22. BÜTÜN V., ÇABUK A., AY TAR ÇELİK P., Project Supported by Higher Education Institutions, Streptococcus equi den üretilen hyaluronik asidin enzimatik yıkımı ve bazı fiziksel koşullardaki kararlılığı, 2014 - 2016
23. Bütün V., Taktak F. F., TUBITAK Project, Heparin ve Paclitaxel in Multifonksiyonel Transdermal Salımı İçin Yeni Heparin Konjuge Hidrojeller113Z584 nolu proje, 2014 - 2016
24. BÜTÜN V., ÇABUK A., AY TAR ÇELİK P., Project Supported by Higher Education Institutions, Hyaluronik asitin mikrobiyal üretiminde uygun fermentasyon koşullarının belirlenmesi elde edilen biyomalzemenin saflaştırılması karakterizasyonu ve immünojenik yanıtının değerlendirilmesi, 2014 - 2016
25. BÜTÜN V., KOÇAK G., Project Supported by Higher Education Institutions, Piperazin Morfolin ve Tiyomorfolin Halkası İçeren Metakrilat ve Metakrilamid Monomerleri ve Homopolimerlerinin Sentezi, 2013 - 2016
26. BÜTÜN V., KOÇAK G., Project Supported by Higher Education Institutions, Yeni Bir Mikrojel Hidrojel Soft Kompozit Sistem ve Uygulama Çalışmaları, 2013 - 2016
27. TUNCER C., BÜTÜN V., Project Supported by Higher Education Institutions, Dar moleküler ağırlık dağılımlı çözünebilir dallı polimerlerin sentezi türevlendirilmesi ve model uygulama çalışmaları, 2012 - 2015
28. BÜTÜN V., Project Supported by Higher Education Institutions, Bor Katkılı Latex Dispersiyonların Hazırlanması, 2013 - 2014
29. BÜTÜN V., Project Supported by Higher Education Institutions, Piperazin, Morfolin ve Tiyomorfolin Halkası İçeren Metakrilat ve Metakrilamid Monomerleri ve Homopolimerlerinin Sentezi, 2013 - 2014
30. Bütün V., TUBITAK Project, Yeni Tip Çevre Duyarlı Mikrojel Bünyesinde Metalik Nanopartiküllerin Hazırlanması ve Katalitik Uygulamaları, 2012 - 2014
31. BÜTÜN V., Project Supported by Higher Education Institutions, Çevre Duyarlı Yeni Tip Lateksler ve Mikrojeller: Metal ve Bor Uygulama Çalışmaları, 2012 - 2013
32. BÜTÜN V., Project Supported by Higher Education Institutions, Nanometal Sentezi için Polimer Stabilizörlerin Geliştirilmesi ve Uygulama Çalışmaları, 2012 - 2013
33. Bütün V., Project Supported by Higher Education Institutions, Yüzeaktif suda çözünebilir ko polimerlerin sentezi ve metal nanopartikül sentezinde kullanımları, 2011 - 2013
34. BÜTÜN V., Project Supported by Higher Education Institutions, Yüzey Aktif Suda Çözünebilir (Ko)polimerlerin Sentezi ve Metal Nanopartikül Sentezinde Kullanımları, 2011 - 2013
35. Bütün V., Project Supported by Other Private Institutions, Yeni tip stabilizör sentezi ve uygulama çalışmaları, 2008 - 2009
36. Bütün V., Project Supported by Higher Education Institutions, Yeni tip ABA ve ABC triblok kopolimerlerin sentezi karakterizasyonu ve yeni tip hidrojel eldesinde kullanımları, 2007 - 2008
37. Yarlıgan Uysal S., Bütün V., Project Supported by Higher Education Institutions, Yeni Tip Suda Çözünebilir Diblok Kopolimerlerin Sentez ve Karakterizasyonu, 2006 - 2008
38. Bütün V., Project Supported by Higher Education Institutions, 2 -N-morfolinoetil metakrilat mikrojellerin sentez ve karakterizasyonu, 2006 - 2008
39. Bütün V., TUBITAK Project, Tersiyer amin metakrilatlara dayalı yeni tip suda çözünebilir diblok kopolimerlerin ve Katyonik türevlerinin stirenin alkolik ortam dispersiyon polimeizasyonunda stabilizör olarak kullanımı, 2005 - 2007
40. Bütün V., Duran B., Project Supported by Higher Education Institutions, Nanoküreler Tersiyer amin metakrilatlara dayalı yeni tip suda çözünebilir triblok kopolimerlerin sentezi karakterizasyonu ve bu kopolimerlerin SCL misel nanoküre sentezinde kullanımı, 2003 - 2006
41. Bütün V., Duran B., Project Supported by Higher Education Institutions, Tersiyer amin metakrilatlara dayalı suda çözünebilir diblok kopolimerlerin sentezi seçimli kuaternizasyonu ve bu kopolimerlerin stabilizör olarak lateks sentezinde kullanılması, 2002 - 2005

## Awards

1. Bütün V., "2022-Dünyanın En Etkin Bilim İnsanları %2 Listesi"nde yer alma, Stanford Univ, October 2023

2. Bütün V., "2021-Dünyanın En Etkin Bilim İnsanları %2 Listesi"nde yer alma, Stanford Univ, October 2022
3. Bütün V., 2021-Hizmet Ödülü, Eskişehir Osmangazi Üniversitesi, April 2022
4. Bütün V., "2020-Dünyanın En Etkin Bilim İnsanları Listesi"nde yer alma, Stanford Üniversitesi, October 2021
5. Bütün V., Altın Molekül-Kimya Bilimine Yön Veren 100 Türk, Turkishtime Dergisi Ve Sanko Firması, May 2021
6. Samav Y., Akpınar B., Koçak G., Bütün V., Kapak Yayın, Macromolecular Research, November 2020
7. Bütün V., "2019 Dünyanın En Etkin Bilim İnsanları Listesi"nde yer alma, Stanford University, October 2020
8. Bütün V., Dikmen Z., En İyi Poster Birincilik Ödülü, 29. Ulusal Kimya Kongresi, September 2017
9. Bütün V., Ülker D., Barut I., Şener E., The Best Poster Award, 11Th International Conference And Expo On Nanoscience And Molecular Nanotechnology, October 2016
10. Bütün V., Tuncer C., The Best Poster Award, 46Th Iupac World Polymer Congress, July 2016
11. Bütün V., Malgaz I., Koçak G., En İyi Poster Üçüncülük Ödülü, 27. Ulusal Kimya Kongresi, August 2015
12. Bütün V., Taktak F. F., Tuncer C., Kapak Yayını, Macromol. Chem. Phys, June 2011
13. Bütün V., Popüler Bilim Dergisi Bilim Ödülü, Popüler Bilim Dergisi , June 2008
14. Bütün V., Karabacak R. B., En İyi Poster Birincilik Ödülü, Xxi. Ulusal Kimya Kong., August 2007
15. Bütün V., Karabacak R. B., En iyi poster birincilik ödülü, Nanotrın, Ulusal Nanotekn. Kong, June 2007
16. Bütün V., Sönmez Ş., Karabacak R. B., Yarılgan Uysal S., En iyi poster birincilik ödülü, Xx. Ulusal Kimya Kongresi, September 2006
17. Bütün V., Tunç Savaşçı Polimer Bilim ve Teknoloji Ödülü, Polimer Bilim Ve Teknolojisi Derneği , June 2006
18. Bütün V., Araştırma Birincilik Ödülü, Pagev-Türk Plastik Sanayicileri Araştırma Geliştirme Ve Eğitim Vakfı, January 2005
19. Bütün V., TÜBİTAK TWAS Bilim Teşvik Ödülü, Twas - Üçüncü Dünya Bilimler Akademisi, July 2004
20. Bütün V., TÜBA GEBİP Ödülü, Tüba, June 2004
21. Bütün V., TÜBİTAK Bilim Teşvik Ödülü, Tübitak, June 2004

## Scholarships

BİDEB, TUBİTAK, 2002 - 2002

Doktora Bursu, YOK, 1995 - 1999

## Jury Memberships

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Hacettepe Üniversitesi, February, 2021

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Ege Üniversitesi, October, 2020

Associate Professor Exam, Associate Professor Exam, Kırıkkale Üniversitesi, September, 2020

Associate Professor Exam, Associate Professor Exam, Necmettin Erbakan Üniversitesi, September, 2020

Associate Professor Exam, Associate Professor Exam, İstanbul Teknik Üniversitesi, April, 2020

Associate Professor Exam, Associate Professor Exam, Tekirdağ Namık Kemal Üniversitesi, April, 2020

## Research Infrastructure Information

Bütün V., Central Research Laboratory, Application and Research Center, January 2016

Bütün V., Polymer Research Laboratory, April 2007

## Designed Programs

Bütün V., Postgraduate, Polimer Science and Technology, 2012 - Continues

Bütün V., Doctorate, Polymer Science and Tevhndology Department, 2012 - Continues

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

- 1. Synthesis of azo polymers and their catalytic performance in hydrogen production via NaBH<sub>4</sub> methanolysis**  
Gokkus K., ÖZBAL A., Senturan U. M., Gür M., BÜTÜN V.  
Materials Research Bulletin, vol.180, 2024 (SCI-Expanded)
- 2. Synthesis and Characterization of Polymer Particles as Metal-Free Catalysts for Electrooxidation and Methanolysis of Sodium Borohydride**  
Gokkus K., KAYA Ş., YILDIZ D., Saka C., Gür M., BÜTÜN V., DEMİR KIVRAK H.  
ChemistrySelect, vol.9, no.26, 2024 (SCI-Expanded)
- 3. Preparation of versatile polymer particles and their application for elimination of bromophenol blue and phenol from aqueous environment**  
Gokkus K., Öter Ç., Amlani M., Gur M., BÜTÜN V.  
Desalination and Water Treatment, vol.318, 2024 (SCI-Expanded)
- 4. Synthesis and characterization of azo cross-linked polymer as a new catalyst for the production of hydrogen gas by methanolysis of NaBH<sub>4</sub>**  
Gokkus K., Gür M., BÜTÜN V.  
Journal of Applied Polymer Science, 2024 (SCI-Expanded)
- 5. Multi-Analyte Sensitive Fluorophore Cross-Linked Nanofibers Based Antimicrobial Surface Enabling Bacterial Detection and Their Usage as Crystal Growth Template**  
Dikmen Z., Bütün V.  
MACROMOLECULAR MATERIALS AND ENGINEERING, vol.309, no.1, 2024 (SCI-Expanded)
- 6. Preparation of elastic hydrogel films via in-situ ketalization of Poly(vinyl alcohol) and ZnO nanoparticle doped Poly(vinyl ketal) films as antibacterial surface**  
ÖZBAL A., DİKMEN Z., BÜTÜN V.  
International Journal of Polymeric Materials and Polymeric Biomaterials, vol.73, no.3, pp.231-238, 2024 (SCI-Expanded)
- 7. Fluorophore-assisted green fabrication of flexible and cost-effective Ag nanoparticles decorated PVA nanofibers for SERS based trace detection**  
DİKMEN Z., DİKMEN G., BÜTÜN V.  
Journal of Photochemistry and Photobiology A: Chemistry, vol.445, 2023 (SCI-Expanded)
- 8. Novel approach to increase chemosensing ability of fluorophore via cross-linked hydrogel film formation**  
Turhan O., DİKMEN Z., BÜTÜN V.  
Journal of Photochemistry and Photobiology A: Chemistry, vol.443, 2023 (SCI-Expanded)
- 9. PDMA cryogel beads as a catalyst for hydrogen generation from NaBH<sub>4</sub> alcoholysis**  
BÜTÜN ŞENGEL S., Deveci H., BÜTÜN V.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.48, no.76, pp.29530-29541, 2023 (SCI-Expanded)
- 10. Carbon spheres as an efficient green catalysts for dehydrogenation of sodium borohydride in methanol**  
Bütün Şengel S., Deveci H., Bas H., Bütün V.  
Catalysis Communications, vol.177, 2023 (SCI-Expanded)
- 11. Synthesis of cross-linked diazaborine-based polymeric microparticles with anti-quorum sensing, anti-swarming, antimicrobial, and antibiofilm properties**  
Tamfu A. N., Kocak G., Ceylan O., Citak F., BÜTÜN V., Cicek H.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.140, no.11, 2023 (SCI-Expanded)
- 12. pH-responsive intermediary layer cross-linked micelles from zwitterionic triblock copolymers and investigation of their drug-release behaviors**  
Wibowo A. A., BÜTÜN V.  
Turkish Journal of Chemistry, vol.47, no.5, pp.1103-1115, 2023 (SCI-Expanded)
- 13. Magnetic Targeting of 5-Fluorouracil-Loaded Liposome-Nanogels for In Vivo Breast Cancer Therapy**

**and the Cytotoxic Effects on Liver and Kidney**

Ulker D., Ozyurt R., ERKASAP N., BÜTÜN V.

AAPS PharmSciTech, vol.23, no.8, 2022 (SCI-Expanded)

14. **In-situ formation of fluorophore cross-linked micellar thick films and usage as drug delivery material for Propranolol HCl**  
Dikmen Z., Turhan O., Özbal A., Bütün V.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.279, 2022 (SCI-Expanded)
15. **Thiazolo[5, 4-d]thiazole based dye modified microspheres as metal nanoparticle reactor template and hybrid catalyst**  
Dikmen Z., Isik M., Turhan O., Akbari M., Tuncer C., Javanifar R., Bütün V.  
EUROPEAN POLYMER JOURNAL, vol.175, 2022 (SCI-Expanded)
16. **Production of NiMn<sub>2</sub>O<sub>4</sub> hollow spheres and CoFe<sub>2</sub>O<sub>4</sub> bowl-like structures by using block copolymer stabilized polystyrene spheres as a hard template**  
Kocak G., BÜTÜN V.  
Turkish Journal of Chemistry, vol.46, no.1, pp.1-13, 2022 (SCI-Expanded)
17. **Au/Pt Bimetallic Nanoparticle Decorated Microparticle Hybrid Catalyst System for Heterogeneous Hydrogenation of Styrene**  
Dikmen Z., Ünver H., Bütün V.  
Catalysis Letters, vol.151, pp.3656-3663, 2021 (SCI-Expanded)
18. **Production of NiO, NiO/Ag, NiO/Au, and NiO/Pt hollow spheres by using block copolymer stabilized microspheres as a template**  
Koçak G., BÜTÜN V., TUNCER C.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.138, no.44, 2021 (SCI-Expanded)
19. **Thiazolo thiazole based cross-linker to prepare highly fluorescent smart films with tunable emission wavelength and their multi-responsive usage**  
DİKMEN Z., BÜTÜN V.  
European Polymer Journal, vol.159, 2021 (SCI-Expanded)
20. **An effective fluorescent optical sensor: Thiazolo-thiazole based dye exhibiting anion/cation sensitivities and acidochromism**  
Dikmen Z., Turhan O., Özkütük M., Bütün V.  
Journal of Photochemistry and Photobiology A: Chemistry, vol.419, 2021 (SCI-Expanded)
21. **Synthesis of quaternary piperazine methacrylate homopolymers and their antibiofilm and anti-quorum sensing effects on pathogenic bacteria**  
Koçak G., Tamfu A. N., Bütün V., Ceylan Ö.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.138, no.21, 2021 (SCI-Expanded)
22. **Advanced liposome based PEGylated microgel as a novel release system for 5-fluorouracil against MCF-7 cancer cell**  
Ulker D., Barut I., Şener E., BÜTÜN V.  
European Polymer Journal, vol.146, 2021 (SCI-Expanded)
23. **Preparation of Responsive Zwitterionic Diblock Copolymers Containing Phosphate and Phosphonate Groups**  
Samav Y., Akpınar B., KOÇAK G., BÜTÜN V.  
MACROMOLECULAR RESEARCH, vol.28, no.12, pp.1134-1141, 2020 (SCI-Expanded)
24. **Fluorescent poly(methacryloxy quinolin) microparticles allowing simultaneous gold detection with additive-free photocatalytic synthesis of raspberry-like gold nanoparticles and gold nanoparticle decorated microparticles**  
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EUROPEAN POLYMER JOURNAL, vol.129, 2020 (SCI-Expanded)
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170. **Akıllı polimerler: Sentez, karakterizasyon ve uygulama çalışmaları**  
Bütün V.

XX. Ulusal Kimya Kongresi, Kayseri, Turkey, 04 September 2006

171. **Surface Characteristics of 2 diethylamino ethyl methacrylate 2 dimethylamino ethyl methacrylate diblock copolymer determined by Inverse Gas Chromatography**  
TOPALOĞLU YAZICI D., AŞKIN A., BÜTÜN V.  
11th European Conference on Applications of Surface and Interface Analysis, 25 - 30 September 2005
172. **Nano-spheres: Synthesis and characterizations of novel shell cross-linked micelles**  
Bütün V.  
NanoTR1, Nanoscience and NanoTech, Ankara, Turkey, 25 May 2005
173. **Synthesis, selective quaternization of water-soluble copolymers based on tertiary amine methacrylates and their use in latex synthesis as a stabilizer**  
Bütün V., Duran B., Esenoğlu E., Gül G.  
Polimer İşleme ve Geri Kazanımı Sempozyumu, Mersin, Turkey, 28 - 30 April 2004, pp.58-73

## Visual Activities

Bütün V., Küresel Isınma, TV Show, 2008 - 2008

Bütün V., Akıllı Plastikler, TV Show, 2008 - 2008

## Academic and Administrative Experience

2012 - 2022	<b>Manager of Research and Application Center</b>	Eskisehir Osmangazi University, REKTÖRLÜK
2012 - 2022	<b>Head of Department</b>	Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Polimer Bilim Ve Teknolojisi Anabilim Dalı (Disiplinlerarası)
2016 - 2020	<b>Dean</b>	Eskisehir Osmangazi University, FEN FAKÜLTESİ
2011 - 2014	<b>Head of Department</b>	Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Kimya Bölümü
2009 - 2010	<b>Head of Department</b>	Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Kimya Bölümü
2007 - 2009	<b>Director of The Institution</b>	Eskisehir Osmangazi University, Metalurji Enstitüsü

## Courses

YÜKSEK LİSANS TEZ ÇALIŞMASI, Postgraduate, 2023 - 2024, 2020 - 2021, 2019 - 2020, 2010 - 2011, 2009 - 2010, 2008 - 2009

Fizikokimya II, Undergraduate, 2022 - 2023

Fizikokimya I, Undergraduate, 2022 - 2023, 2013 - 2014

Seminer, Postgraduate, 2022 - 2023, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

DOKTORA TEZ ÇALIŞMASI, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

UZMANLIK ALAN DERSİ, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

UZMANLIK ALAN DERSİ (DR), Doctorate, 2023 - 2024, 2022 - 2023, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 -

2014, 2012 - 2013, 2011 - 2012  
Chemistry, Undergraduate, 2023 - 2024, 2021 - 2022  
UZMANLIK ALAN DERSİ (YL), Postgraduate, 2023 - 2024, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009  
UZMANLIK ALAN DERSİ, Postgraduate, 2023 - 2024, 2019 - 2020, 2018 - 2019, 2015 - 2016, 2013 - 2014  
Makromolekül Kim II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016  
Doktora tez çalışması, Doctorate, 2023 - 2024, 2022 - 2023  
Makromolekül Kimyası I, Undergraduate, 2023 - 2024  
FİZİKOKİMYADA KARAKTERİZASYON TEKNİKLERİ, Undergraduate, 2023 - 2024  
YÜKSEK LİSANS TEZ ÇALIŞMASI, Postgraduate, 2023 - 2024, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013  
FONK. POLM. MODİF., Doctorate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2017 - 2018, 2016 - 2017, 2013 - 2014  
Kimyasal Kinetik, Undergraduate, 2023 - 2024  
Fizikokimya Karak. Tekn., Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018  
POLİMER KİM. TEM., Postgraduate, 2022 - 2023, 2020 - 2021, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013  
DOKTORA SEMİNER, Doctorate, 2021 - 2022, 2020 - 2021, 2017 - 2018, 2016 - 2017  
DOKTORA YETERLİK, Doctorate, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014  
SEMİNER, Postgraduate, 2022 - 2023, 2010 - 2011, 2009 - 2010, 2008 - 2009  
GENEL KİMYA LAB. II, Undergraduate, 2021 - 2022  
MAKROMOL. KİM I, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016  
Polimer Teknolojisi, Undergraduate, 2021 - 2022  
MAKROMOL. SENT. KARAK., Doctorate, 2021 - 2022, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014  
DOKTORA SEMİNER, Doctorate, 2021 - 2022  
Chemistry, Undergraduate, 2021 - 2022, 2020 - 2021, 2012 - 2013, 2011 - 2012, 2002 - 2003  
CHEMİSTRY, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2013 - 2014, 2012 - 2013, 2011 - 2012  
Nanopartikül Teknolojisi, Undergraduate, 2020 - 2021, 2015 - 2016  
Polimer Karakterizasyonu, Postgraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015  
Polimer Kimyası, Undergraduate, 2016 - 2017  
Chemistry, Undergraduate, 2016 - 2017, 2015 - 2016  
Nanopartikül Sentezi, Doctorate, 2014 - 2015, 2013 - 2014, 2012 - 2013  
Makromolekül Kimyası II, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2003 - 2004, 2002 - 2003, 2001 - 2002  
Makromolekül Kimyası II, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002  
İLERİ POLİMER KİMYA II, Postgraduate, 2014 - 2015, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2004 - 2005  
FUNDAMENTALS OF POLYMER CHEMISTRY, Postgraduate, 2015 - 2016  
Chemistry, Undergraduate, 2014 - 2015  
Polimer Kimyası II, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012  
MAKROMOL. KİM. I, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002  
POLİMER SENTEZ YÖNTEMLERİ(A), Postgraduate, 2014 - 2015, 2012 - 2013  
Makromolekül Kimyası I (iö), Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002  
Kimyasal Kinetik, Undergraduate, 2013 - 2014  
Fizikokimya II, Undergraduate, 2012 - 2013, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2003 -

2004, 2002 - 2003, 2001 - 2002  
Kimyasal Kinetik, Undergraduate, 2013 - 2014  
POLİMER SENTEZİ VE REAKSİYONLARI, Doctorate, 2011 - 2012, 2010 - 2011  
KİMYADA MATEMATİKSEL YÖNTEMLER, Undergraduate, 2012 - 2013  
SUDA ÇÖZÜNEN POLİMERLER VE ÖZELLİKLERİ, Doctorate, 2012 - 2013, 2011 - 2012, 2010 - 2011  
Fizikokimya II, Undergraduate, 2011 - 2012, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2003 - 2004, 2002 - 2003, 2001 - 2002  
CHEMISTRY LAB, Undergraduate, 2012 - 2013, 2002 - 2003  
Fizikokimya I, Undergraduate, 2011 - 2012, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2003 - 2004, 2002 - 2003, 2001 - 2002  
KİMYADA MATEMATİKSEL YÖNTEMLER, Undergraduate, 2012 - 2013  
İLERİ POLİMER KİMYA I, Postgraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2004 - 2005  
FİZİKOKİMYA I, Undergraduate, 2011 - 2012, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2003 - 2004, 2002 - 2003, 2001 - 2002  
ORGANİK KİMYA LAB. I, Undergraduate, 2011 - 2012  
GENEL KİMYA II, Undergraduate, 2010 - 2011, 2004 - 2005  
GENEL KİMYA II, Undergraduate, 2010 - 2011, 2004 - 2005  
GENEL KİMYA I, Undergraduate, 2010 - 2011, 2004 - 2005  
DOKTORA TEZ ÇALIŞMASI, Doctorate, 2009 - 2010, 2008 - 2009  
POLİMER SENTEZİ VE REAKSİYONLARI, Postgraduate, 2009 - 2010, 2006 - 2007, 2005 - 2006, 2004 - 2005  
POLİMER TEKNOLOJİSİNE GİRİŞ II, Undergraduate, 2009 - 2010, 2007 - 2008, 2006 - 2007, 2005 - 2006  
GENEL KİMYA I, Undergraduate, 2010 - 2011, 2004 - 2005  
POLİMER TEKNOLOJİSİNE GİRİŞ II, Undergraduate, 2009 - 2010, 2007 - 2008, 2006 - 2007, 2005 - 2006  
POLİMER TEKNO. GİRİŞ I, Undergraduate, 2009 - 2010, 2007 - 2008  
POLİMER TEKNOLOJİSİNE GİRİŞ II, Undergraduate, 2008 - 2009  
GENEL KİMYA, Undergraduate, 2009 - 2010  
POLİMER TEKNO. GİRİŞ I, Undergraduate, 2009 - 2010  
SUDA ÇÖZÜNEN POLİMERLER VE ÖZELLİKLERİ, Postgraduate, 2009 - 2010, 2005 - 2006, 2004 - 2005  
Uzmanlık Alan Dersi DR, Doctorate, 2008 - 2009  
POLİMER TEKNOLOJİSİNE GİRİŞ I, Undergraduate, 2008 - 2009  
YÜKSEK LİSANS TEZ ÇALIŞMASI, Postgraduate, 2008 - 2009, 2007 - 2008  
GENEL KİMYA II, Undergraduate, 2007 - 2008  
DOKTORA TEZ ÇALIŞMASI, Doctorate, 2008 - 2009, 2007 - 2008  
CHEMISTRY, Undergraduate, 2007 - 2008  
Kuantum Kimyası, Undergraduate, 2006 - 2007  
PHYSICAL CHEMISTRY II, Undergraduate, 2006 - 2007  
PHYSICAL CHEMISTRY I, Undergraduate, 2006 - 2007  
LABORATUVAR TEKNİĞİ, Undergraduate, 2006 - 2007, 2005 - 2006  
ANALİTİK KİMYA LAB. II, Undergraduate, 2005 - 2006, 2004 - 2005, 2003 - 2004  
FİZİKOKİMYA III, Undergraduate, 2005 - 2006, 2004 - 2005  
FİZİKOKİMYA LABORATUVARI II, Undergraduate, 2005 - 2006, 2001 - 2002  
LABORATUVAR TEKNİĞİ, Undergraduate, 2006 - 2007, 2005 - 2006  
ANORGANİK KİMYA LAB. I, Undergraduate, 2005 - 2006, 2004 - 2005, 2002 - 2003  
ANALİTİK KİMYA LAB. II, Undergraduate, 2004 - 2005  
GENEL KİMYA I, Undergraduate, 2005 - 2006, 2004 - 2005, 2002 - 2003, 2001 - 2002  
GENEL KİMYA II, Undergraduate, 2004 - 2005  
TEKNİK İNGİLİZCE II, Undergraduate, 2003 - 2004  
TEKNİK İNGİLİZCE II, Undergraduate, 2003 - 2004, 2002 - 2003  
GENERAL CHEMISTRY II, Undergraduate, 2003 - 2004  
FİZİKOKİMYA LABORATUVARI II, Undergraduate, 2003 - 2004, 2002 - 2003, 2001 - 2002

GENEL KİMYA LAB.I, Undergraduate, 2004 - 2005  
GENEL KİMYA, Undergraduate, 2002 - 2003, 2001 - 2002  
KİMYA TEKNİKLERİ, Undergraduate, 2002 - 2003  
ANORGANİK KİMYA LAB. II, Undergraduate, 2002 - 2003  
ANALİTİK KİMYA LAB. I, Undergraduate, 2003 - 2004  
GENEL KİMYA, Undergraduate, 2002 - 2003, 2001 - 2002  
GENERAL CHEMISTRY I, Undergraduate, 2003 - 2004  
POLİMER KİMYASI, Undergraduate, 2002 - 2003, 2001 - 2002  
ANALİZ METODLARI II, Undergraduate, 2001 - 2002  
ANORGANİK KİMYA LAB. IÇ, Undergraduate, 2002 - 2003  
FİZİKOKİMYA LAB. I, Undergraduate, 2001 - 2002  
POLİMER KİMYASI, Undergraduate, 2001 - 2002

## Advising Theses

Bütün V., Fonksiyonel Gruplara Sahip Polimerlerin Sentezi ve Flokülasyon Ajanı Olarak Kullanılması, Doctorate, V.KIRMIZI(Student), 2023  
Bütün V., Kemosensör Florofor Katkılanmış Hidrojellerin Optik Özelliklerinin ve Akrilamid Bazlı Hidrojellerin Hazırlanmasında Kosolvent Etkisinin İncelenmesi, Postgraduate, Ş.CEYLAN(Student), 2021  
Bütün V., Yarlğan Uysal S., Uyarıya duyarlı mikrojel içeren amfoter Hidrojellerin Sentezi ve Karakterizasyonu, Postgraduate, R.MAIHAN(Student), 2021  
Bütün V., Florofor Çapraz Bağlı Çoklu Duyarlı Polimerik Materyaller ve Optik Uygulamalarda Kolloidal Kuantum Kuyu Katkılanmış Polimer Kompozitler, Doctorate, Z.DİKMEN(Student), 2021  
Bütün V., CdSe, CdSe/CdS ve PbSe Kuantum Noktacıkların Sentezi ve Mikropartiküllerle Stabilizasyonu ile Toksisitelerinin Azaltılması, Postgraduate, R.JAVANIFAR(Student), 2020  
Bütün V., Florofor Boya İçeren Polimerik Mikropartiküllerin Sentezi ve Uygulama Çalışmaları, Postgraduate, M.AKBARI(Student), 2020  
BÜTÜN V., Uyarıya duyarlı mikrojeller ve nanopartikül kompozitler: Antibakteriyel özellikleri ve meme kanseri tedavisinde in-vitro ve in-vivo uygulamaları, Doctorate, D.ÜLKER(Student), 2018  
BÜTÜN V., Morfolin, piperazin ve dietilamin grupları içeren monomerlerin ve polimerlerin üretimi, karakterizasyonu ve çözelti davranışlarının incelenmesi, Doctorate, G.KOÇAK(Student), 2017  
BÜTÜN V., Fosfor içerikli monomerlerin ve onların (Ko) polimerlerinin sentezi ve karakterizasyonu, Doctorate, Y.SAMAV(Student), 2017  
BÜTÜN V., Yeni tip çapraz-bağlı miselik yapılar ve uygulama çalışmaları, Postgraduate, A.ARI(Student), 2016  
BÜTÜN V., Çapraz bağlı polimerik sistemler için alternatif yaklaşımlar, Postgraduate, G.SOLMAZ(Student), 2016  
BÜTÜN V., CdSe/CdS nano çubuk sentezi ve polimer ligantlar ile modifikasyonu, Postgraduate, Z.ERYILMAZ(Student), 2016  
BÜTÜN V., Çözünebilir yıldız kopolimerlerin ve türevlerinin sentezi, karakterizasyonu, çözelti davranışları ve bazı potansiyel uygulamaları, Doctorate, C.TUNCER(Student), 2015  
BÜTÜN V., Gözenekli poli(stiren-glisidil metakrilat) latekslerin sentez, karakterizasyon ve uygulama çalışmaları, Postgraduate, F.ÇITAK(Student), 2014  
BÜTÜN V., Silika nanopartiküllerin yüzey modifikasyonu ve yüzey-başlatıcılı atom transfer radikal polimerizasyonu ile içi boş polimer sistemlerin hazırlanması, Postgraduate, D.ERKMEN(Student), 2014  
BÜTÜN V., Kontrollü ilaç salım hidrojel sistemleri ve uygulama çalışmaları, Postgraduate, Ş.BETÜL(Student), 2012  
BÜTÜN V., Yeni tip stabilizatörler ile CdS yarı iletken nanoyapıların hazırlanması, Postgraduate, Y.BAŞ(Student), 2011  
BÜTÜN V., Uyarıya duyarlı yüzeye sahip polistiren latekslerin sentez ve karakterizasyonu, Postgraduate, S.BÜTÜN(Student), 2010  
BÜTÜN V., Yeni tip mikrojellerin sentez ve karakterizasyonu, Postgraduate, A.ATAY(Student), 2010  
BÜTÜN V., Atom transfer radikal polimerizasyonu ile glisidil metakrilat bazlı ABA tipi triblok kopolimerlerin sentez ve karakterizasyonu, Postgraduate, E.YORULMAZ(Student), 2009

BÜTÜN V., Yeni tip yüzey aktif triblok kopolimerlerin sentezi, karakterizasyonu, çözelti davranışlarının incelenmesi ve hidrojel eldesinde kullanılmaları, Doctorate, F.FULYA(Student), 2009

Bütün V., Yarılgan Uysal S., Tersiyer amin metakrilat bazlı yeni tip suda çözünebilir diblok kopolimerlerin sentezi, karakterizasyonu ve çözelti davranışlarının incelenmesi, Postgraduate, Ş.SÖNMEZ(Student), 2007

BÜTÜN V., Tersiyer amin metakrilat bazlı suda çözünebilir diblok kopolimerlerin stirenin alkolik ortam dispersiyon polimerizasyonunda yeni tip dispersantlar olarak kullanımı, Postgraduate, R.BENGÜ(Student), 2006

BÜTÜN V., Yeni tip suda çözünebilir diblok kopolimerlerin sentezi, türevlerinin eldesi ve bu kopolimerlerin stabilizör etkilerinin incelenmesi, Postgraduate, B.KAYNAK(Student), 2004

BÜTÜN V., Yeni tip suda çözünebilir yüzey aktif ABC tipi kopolimerlerin sentezi ve karakterizasyonu, Postgraduate, G.GÜL(Student), 2004

BÜTÜN V., Yeni tip suda çözünebilir yüzey aktif diblok kopolimerlerin sentezi, türevlerinin eldesi ve bu polimerlerin çözücü etkilerinin incelenmesi, Postgraduate, E.ESENOĞLU(Student), 2004

### Activities in Scientific Journals

Turkish Journal of Chemistry, Committee Member, 2008 - Continues

### Memberships / Tasks in Scientific Organizations

ULUSAL POLİMER BİLİM VE TEKNOLOJİ DERNEĞİ, Member, 2006 - Continues, Turkey

ULUSAL KİMYA DERNEĞİ, Member, 2001 - Continues, Turkey

KBAG Grup Yürütme Kurulu, Executive Board Member, 2021 - 2024, Turkey

ESOGÜ Bilim ve Araştırma Politikaları Kurulu, Principal Member, 2021 - 2022, Turkey

ESOGÜ-ETTOM, Board Member, 2020 - 2022, Turkey

ACS, Member, 2006 - 2017, United States Of America

TÜBA, Associate Member, 2009 - 2015, Turkey

### Scientific Refereeing

INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION, Journal Indexed in SCI-E, December 2020

BIOMACROMOLECULES, SCI Journal, September 2020

ACS APPLIED MATERIALS & INTERFACES, SCI Journal, September 2020

POLYMER CHEMISTRY, SCI Journal, May 2020

BIOMACROMOLECULES, SCI Journal, May 2020

LANGMUIR, SCI Journal, December 2019

MACROMOLECULES, SCI Journal, September 2019

ACS APPLIED MATERIALS & INTERFACES, SCI Journal, September 2019

BIOMACROMOLECULES, SCI Journal, September 2019

POLYMER CHEMISTRY, SCI Journal, September 2019

Journal Of Polymer Science Part A-Polymer Chemistry, SCI Journal, August 2019

CHEMICAL PHYSICS, SCI Journal, June 2019

CHEMICAL PHYSICS, SCI Journal, May 2019

Acta Biomaterialia, SCI Journal, March 2019

ACTA BIOMATERIALIA, SCI Journal, September 2018

BIOMACROMOLECULES, SCI Journal, April 2018

NEW JOURNAL OF CHEMISTRY, SCI Journal, April 2018

POLYMER, SCI Journal, April 2018

ACTA BIOMATERIALIA, SCI Journal, February 2018  
NEW JOURNAL OF CHEMISTRY, SCI Journal, January 2018  
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, SCI Journal, November 2017  
MACROMOLECULAR RAPID COMMUNICATIONS, SCI Journal, November 2017  
TUBITAK Project, 1511 - TUBITAK Priority Fields Research Technology Development and Innovation PDP, RAVAGO  
PETROKİMYA ÜRETİM A.Ş. (KOCAELİ), Turkey, November 2017  
BIOMACROMOLECULES, SCI Journal, October 2017  
MACROMOLECULAR RAPID COMMUNICATIONS, SCI Journal, October 2017  
NEW JOURNAL OF CHEMISTRY, SCI Journal, October 2017  
CHEMPHYSICHEM, SCI Journal, August 2017  
ANALYTICAL LETTERS, SCI Journal, August 2017  
MACROMOLECULAR CHEMISTRY AND PHYSICS, SCI Journal, July 2017  
POLYMER, SCI Journal, May 2017  
APPLIED SURFACE SCIENCE, SCI Journal, April 2017  
CHEMPHYSICHEM, SCI Journal, February 2017  
MACROMOLECULAR CHEMISTRY AND PHYSICS, SCI Journal, February 2017  
MACROMOLECULAR CHEMISTRY AND PHYSICS, SCI Journal, February 2017  
DESIGNED MONOMERS AND POLYMERS, SCI Journal, August 2016  
ACTA BIOMATERIALIA, SCI Journal, August 2016  
INTERNATIONAL JOURNAL OF POLYMER SCIENCE, SCI Journal, August 2016  
INTERNATIONAL JOURNAL OF POLYMER SCIENCE, SCI Journal, August 2016  
DESIGNED MONOMERS AND POLYMERS, SCI Journal, August 2016  
POLYMER, SCI Journal, April 2016  
POLYMER, SCI Journal, April 2016  
KOREAN JOURNAL OF CHEMICAL ENGINEERING, National Scientific Refreed Journal, December 2015  
CHEMICAL ENGINEERING JOURNAL, SCI Journal, December 2015  
CHEMICAL ENGINEERING JOURNAL, SCI Journal, November 2015  
JOURNAL OF SURFACTANTS AND DETERGENTS, SCI Journal, October 2015  
ACTA BIOMATERIALIA, SCI Journal, March 2015  
ACTA BIOMATERIALIA, SCI Journal, March 2015  
ACTA BIOMATERIALIA, SCI Journal, February 2015  
ACTA BIOMATERIALIA, SCI Journal, February 2015  
APPLIED SURFACE SCIENCE, SCI Journal, February 2015  
JOURNAL OF POLYMER RESEARCH, SCI Journal, October 2014  
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, SCI Journal, September 2014  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Canakkale Onsekiz Mart  
University, Turkey, June 2014  
LANGMUIR, SCI Journal, March 2014  
BIOMACROMOLECULES, SCI Journal, November 2013  
BIOMACROMOLECULES, SCI Journal, September 2013  
POLYMER, SCI Journal, September 2013  
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ACTA BIOMATERIALIA, SCI Journal, June 2013  
POLYMER, SCI Journal, May 2013  
COLLOID AND POLYMER SCIENCE, SCI Journal, April 2013  
Polymer, SCI Journal, December 2012  
MACROMOLECULAR CHEMISTRY AND PHYSICS, SCI Journal, July 2012  
ACTA BIOMATERIALIA, SCI Journal, June 2012  
ACTA BIOMATERIALIA, SCI Journal, June 2012  
LANGMUIR, SCI Journal, March 2012



LANGMUIR, SCI Journal, December 2011  
LANGMUIR, SCI Journal, December 2011  
JOURNAL OF APPLIED POLYMER SCIENCE, SCI Journal, November 2011  
TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Johannes Kepler Universitaet Linz, Austria, November 2011  
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, October 2011  
MACROMOLECULES, SCI Journal, October 2011  
Langmuir, SCI Journal, August 2011  
POLYMER, SCI Journal, August 2011  
BIOMACROMOLECULES, SCI Journal, July 2011  
BIOMACROMOLECULES, SCI Journal, February 2011  
JOURNAL OF APPLIED POLYMER SCIENCE, SCI Journal, January 2011

### Scientific Consultations

ODE Yalıtım Sanayi ve Ticaret A.Ş, Project Consultancy, Eskisehir Osmangazi University, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ, Turkey, 2019 - 2021

### Tasks In Event Organizations

Bütün V., Duran B., Uluslararası Katılımlı VII. Polimer Bilim ve Teknoloji Kongresi, Scientific Congress, Eskişehir, Turkey, Eylül 2018

### Metrics

Publication: 289  
Citation (WoS): 4928  
Citation (Scopus): 5169  
H-Index (WoS): 31  
H-Index (Scopus): 31

### Congress and Symposium Activities

SAXS: Nanoyapılar içeren malzemeler için güçlü bir yöntem-Hacettepe Üniversitesi,, Invited Speaker, Ankara, Turkey, 2005

### Invited Talks

Kariyer Günleri: Köyden Akademiye, Conference, Kumeu Anadolu İmam Hatip Lisesi, Turkey, April 2023  
Stimuli-Responsive Polymers: Intelligent, surface active, schizophrenic, and superb source for various nanostructures , Conference, Yakın Doğu Üniversitesi, Cyprus (Kktc), December 2020  
Şizofren polimerler ve nanopartiküller, Conference, Atayurt Okulları, Turkey, October 2019  
Stimuli-Responsive Polymers: Superb Sources for Various Polymeric Nanostructures and Applications, Conference, Koç Üniversitesi, Turkey, December 2018  
Uyarıya Duyarlı Polimerler: Akıllı, Yüzey Aktif, Şizofren ve Çeşitli Nanoyapılar İçin Süper Kaynak, Conference, Bursa Uludağ Üniversitesi, Turkey, April 2018  
Köyden Akademiye Yolculuk, Conference, Erikçeli İÖO Kumru-Ordu, Turkey, April 2014

Köyden Akademiye Yolculuk, Conference, Kumru Lisesi, Turkey, April 2014  
Köyden Akademiye Yolculuk, Conference, Kumru İHL, Turkey, April 2014  
Türk Dünyasında Bilimin Tarihi ve Gelişimi, Conference, Anadolu Üniversitesi, Turkey, March 2014  
Çevre-Duyarlı polimerler ve nanoyapılar: Sentez ve Karakterizasyon Çalışmaları, Conference, Boğaziçi Üniversitesi, Turkey, December 2012  
Lego-Like Polymers: They are Delicate, Sensitive, Intelligent, and Schizophrenics, Conference, İhsan Doğramacı Bilkent Üniversitesi, Turkey, April 2012  
Akıllı-şizofren polimerler ve nanopartiküller, Conference, Giresun Üniversitesi, Turkey, April 2011  
Şizofren makromoleküller, Conference, Ordu Üniversitesi, Turkey, April 2011  
Duygusal nanopartiküller, Conference, Karadeniz Teknik Üniversitesi, Turkey, March 2010  
Akıllı Polimerler ve Nanopartiküller: Sentez ve uygulama calismalari, Conference, Eskişehir Osmangazi Üniversitesi, Turkey, November 2009  
Küresel Isınma, Seminar, Kanal 26, Turkey, August 2009  
Akıllı Plastikler, Workshop, Kanal 26, Turkey, April 2008  
Thermo-, pH-, and salt-responsive novel 'schizophrenic' ABC triblock copolymers and their use in the synthesis of shell cross-linked micelles, Workshop, MAX PLANK SOCIETY, Germany, August 2006  
Synthesis and characterizations of novel tertiary amine methacrylate based water-soluble block copolymers: Novel dispersants, emulsifiers, schizophrenics and SCL micelles, Conference, University of Sheffield, United Kingdom, August 2006  
Surface active water-soluble block copolymers and novel nanospheres, Conference, University of Crete, Greece, April 2006  
Yeni tip suda çözünebilir blok kopolimerlerin sentezi, karakterizasyonu ve yeni tip nano küre sentezinde kullanımları, Conference, Zonguldak Bülent Ecevit Üniversitesi, Turkey, April 2006  
Yeni tip akıllı polimerler ve yeni tip nanoküreler, Conference, İzmir Yüksek Teknoloji Enstitüsü, Turkey, March 2006  
Yeni tip suda çözünebilir yüzey aktif blok kopolimerler ve yeni tip nanoküre üretiminde kullanılmaları: Sentez ve karakterizasyon çalışmaları, Conference, Fatih Fen Lisesi, Turkey, December 2005  
Novel surface-active water-soluble block copolymers and novel shell cross-linked micelles, Conference, Koç Üniversitesi, Turkey, November 2005  
Yeni tip suda çözünebilir yüzey aktif blok kopolimerler ve yeni tip nanoküreler, Conference, Anadolu Üniversitesi, Turkey, October 2005  
Suda çözünebilir yüzey aktif blok kopolimerler ve türevlerinin sentezi, karakterizasyonu ve çözelti davranışlarının incelenmesi, Seminar, Afyon Kocatepe Üniversitesi, Turkey, August 2005  
Synthesis, characterisation and evaluation of tertiary amine methacrylate-based novel water-soluble block copolymers and their aqueous solution properties, Conference, Orta Doğu Teknik Üniversitesi, Turkey, December 2004  
Synthesis and chracterisation of novel shell cross-linked micelles with hydrophilic cores, Conference, İhsan Doğramacı Bilkent Üniversitesi, Turkey, April 2004  
Synthesis, characterisation and derivatisation of tertiary amine methacrylate-based block copolymers and their aqueous solution properties, Seminar, Hungarian Academy of Science, Hungary, February 2002

## Research Areas

Polymers and Their Applications, Functional Polymers, Rubber Industry, Composites, nanocomposites, Characterization of Polymers, New Technologies in Polymer Chemistry, Polymeric Adsorbents, Polymeric Films, Polymeric Complexes, Polymeric Materials, Medical Applications of Polymers, Recycling of Polymers

## Non Academic Experience

UNİVERSİTY OF SUSSEX-İNGİLTERE  
MİLLİ EĞİTİM BAKANLIĞI