

## Prof. BEKİR SARI

### Personal Information

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### International Researcher IDs

ScholarID: OmXoE20AAAAJ

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Publons / Web Of Science ResearcherID: AHE-1267-2022

ScopusID: 35584557800

Yoksis Researcher ID: 3200

### Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 1991 - 1998

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 1986 - 1990

Undergraduate, Selcuk University, Faculty Of Engineering-Architecture, KİMYA MÜHENDİSLİĞİ, Turkey 1979 - 1983

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Anilin ve türevlerinin elektrokimyasal polimerleşmesi, bazı kompozitlerin sentezi ve özelliklerinin incelenmesi, Gazi University, Fen Bilimleri Enstitüsü, 1998

Postgraduate, Hidroksialkilbenzoik asit-hidroksibenzoik asit kopolimerinin sentezi ve özelliklerinin incelenmesi, Gazi University, Fen Bilimleri Enstitüsü, 1990

### Research Areas

Chemistry, Physical Chemistry, Conductive Polymers, Composites, Characterization of Polymers, New Technologies in Polymer Chemistry, Polymeric Films, Polymeric Complexes

### Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, Kimya, 2009 - Continues

Associate Professor, Gazi University, Fen Fakültesi, Kimya, 2003 - 2009

Assistant Professor, Gazi University, Fen Fakültesi, Kimya, 2000 - 2003

### Academic and Administrative Experience

Rektörlük Akademik Teşvik Değerlendirme Komisyonu Üyesi, Gazi University, Fen Fakültesi, Kimya, 2013 - 2016  
Fakülte Yönetim Kurulu Üyesi, Gazi University, Fen Fakültesi, Kimya, 2006 - 2009  
Deputy Head of Department, Gazi University, Fen Fakültesi, Kimya, 2005 - 2008  
Fakülte Yönetim Kurulu Üyesi, Hitit University, 2003 - 2006

## Courses

Genel Kimya-I, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2014 - 2015, 2011 - 2012  
Endüstriyel Kimya-II, Undergraduate, 2023 - 2024, 2022 - 2023, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002  
Araştırma Projesi-II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 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, 2000 - 2001  
Genel Kimya-II, Undergraduate, 2023 - 2024, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2014 - 2015, 2011 - 2012  
Araştırma Projesi-I, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 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, 2000 - 2001  
Elyaf Kimyası, Undergraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2012 - 2013, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006  
Endüstriyel Kimya-I, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003  
Genel Kimya Laboratuvarı, Undergraduate, 2023 - 2024, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2011 - 2012  
İletken Polimerler, Postgraduate, 2023 - 2024, 2022 - 2023, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005  
Polimer Teknolojisi, Postgraduate, 2023 - 2024, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012  
Polimer Kimyası-II, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 - 2013, 2008 - 2009, 2003 - 2004  
Polimer Kimyası-I, Undergraduate, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2007 - 2008, 2002 - 2003  
Genel Kimya, Undergraduate, 2016 - 2017, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2001 - 2002, 2000 - 2001  
Endüstriyel Kimya Laboratuvarı, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010  
Kimyacılar için Matematik, Undergraduate, 2010 - 2011, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002  
Fizikokimya-II, Undergraduate, 2009 - 2010, 2007 - 2008, 2005 - 2006  
Genel Kimya, Undergraduate, 2008 - 2009, 2003 - 2004, 2001 - 2002, 2000 - 2001  
Fizikokimya Laboratuvarı, Undergraduate, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2002 - 2003

## Advising Theses

Sarı B., SYNTHESIS, CHARACTERIZATION OF ELASTOMER-BASED TERNARY COMPOSITES AND INVESTIGATION OF

THEIR GAS SENSOR PROPERTIES, Postgraduate, A.ASLAN(Student), 2021  
Sarı B., Preparation Of Composites Doped With Conducting Polymer, Characterization And Using Them In Adsorption Of Some Radioactive Ions, Doctorate, A.KURT(Student), 2019  
SARI B., Sıcaklık ve manyetik alan duyarlı poli(vinil asetat)/poli(vinil klorür)/polifuran üçlü kompozit ve nanokompozit filmlerinin hazırlanması ve karakterizasyonu, Postgraduate, S.SARITAŞ(Student), 2015  
Sarı B., Postgraduate, M.ÇAĞLAYAN(Student), 2015  
Sarı B., Sıcaklık ve manyetik alan duyarlı poli(dimetilsiloksan)/poli(vinil asetat)/politiyofen üçlü kompozit ve nanokompozit filmlerinin sentezi ve özelliklerinin araştırılması, Postgraduate, H.MELİKE(Student), 2015  
Sarı B., Synthesis and characterization of poly(Vinyl Acetate)/polystyrene/polypyrrole ternary composites, Postgraduate, S.EŞSİZ(Student), 2013  
Sarı B., Postgraduate, N.ELDEMİR(Student), 2011  
SARI B., Poli(vinil klorür)/poliindol kompozitlerinin sentezi ve karakterizasyonu, Postgraduate, N.BİHTER(Student), 2009  
SARI B., Poli(dimetilsiloksan)/poliindol kompozitlerinin sentezi ve özelliklerinin araştırılması, Postgraduate, G.ÜRKMEZ(Student), 2009  
SARI B., Polinden/poli(oksümetilen) iletken karışımların hazırlanması ve özelliklerinin incelenmesi, Postgraduate, T.ZİLHAN(Student), 2007  
SARI B., Poliindol/polietilen iletken kompozitlerinin sentezi ve karakterizasyonu, Postgraduate, N.YAVAŞ(Student), 2007  
SARI B., Tiyofenin kimyasal polimerleşmesi, poli (oksümetilen) ile kompozitlerinin hazırlanması ve özelliklerinin incelenmesi, Postgraduate, A.ÖZGÜN(Student), 2005  
SARI B., Poliindol/poli (vinil asetat) iletken kompozitlerinin sentezi ve karakterizasyonu, Postgraduate, Ö.ERALDEMİR(Student), 2005  
SARI B., Bazı polimer-metal komplekslerinin sentezi ve yapılarının aydınlatılması, Postgraduate, E.KAHRAMAN(Student), 2004  
SARI B., Kimyasal yöntemle poli(alkilanolin)lerin sentezi; iletken polimerlerle bazı kompozitlerin hazırlanması ve özelliklerinin incelenmesi, Postgraduate, D.ŞAHİN(Student), 2003  
SARI B., Sübstütüe polianilin/polifuran iletken kompozitlerinin sentezi ve karakterizasyonu, Doctorate, A.GÖK(Student), 2002  
SARI B., Elektrokimyasal yöntemle poliüretan/ politiyofen iletken kopolimerlerinin sentezi ve karakterizasyonu, Postgraduate, E.KÜRŞAD(Student), 2001

## **Jury Memberships**

Post Graduate, Post Graduate, Gazi Üniversitesi, July, 2021  
Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, May, 2021  
Doctorate, Doctorate, Gazi Üniversitesi, December, 2020  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, October, 2020  
Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, September, 2020  
Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, September, 2020  
Post Graduate, Post Graduate, Gazi Üniversitesi, July, 2020  
Post Graduate, Post Graduate, Gazi Üniversitesi, September, 2019  
Post Graduate, Post Graduate, Gazi Üniversitesi, August, 2019  
Doctorate, Doctorate, Gazi Üniversitesi, July, 2019  
Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, May, 2019  
Post Graduate, Post Graduate, Gazi Üniversitesi, April, 2019  
Doctorate, Doctorate, Gazi Üniversitesi, April, 2019  
Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, December, 2018  
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, October, 2018  
Associate Professor Exam, Associate Professor Exam, Yıldız Teknik Üniversitesi, June, 2018  
Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, May, 2018

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Bandırma Onyeddi Eylül Üniversitesi, April, 2018

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Gazi Üniversitesi, March, 2018

Post Graduate, Post Graduate, Gazi Üniversitesi, January, 2018

Post Graduate, Post Graduate, Gazi Üniversitesi, January, 2018

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, May, 2017

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, December, 2016

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Çankırı Karatekin Üniversitesi, March, 2016

Doctorate, Doctorate, Gazi Üniversitesi, February, 2016

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Düzce Üniversitesi, January, 2016

Doctorate, Doctorate, Gazi Üniversitesi, December, 2015

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, June, 2015

Post Graduate, Post Graduate, Gazi Üniversitesi, June, 2015

Post Graduate, Post Graduate, Gazi Üniversitesi, June, 2015

Post Graduate, Post Graduate, Gazi Üniversitesi, May, 2015

Associate Professor Exam, Associate Professor Exam, İstanbul Teknik Üniversitesi, March, 2015

Post Graduate, Post Graduate, Gazi Üniversitesi, December, 2014

Post Graduate, Post Graduate, Gazi Üniversitesi, November, 2014

Associate Professor Exam, Associate Professor Exam, İstanbul Teknik Üniversitesi, October, 2014

Doctorate, Doctorate, Gazi Üniversitesi, September, 2014

Doctorate, Doctorate, Gazi Üniversitesi, September, 2014

Post Graduate, Post Graduate, Gazi Üniversitesi, June, 2014

Associate Professor Exam, Associate Professor Exam, İstanbul Teknik Üniversitesi, March, 2014

Associate Professor Exam, Associate Professor Exam, İstanbul Teknik Üniversitesi, October, 2013

Doctorate, Doctorate, Gazi Üniversitesi, October, 2013

Associate Professor Exam, Associate Professor Exam, İstanbul Teknik Üniversitesi, September, 2013

Associate Professor Exam, Associate Professor Exam, İstanbul Teknik Üniversitesi, September, 2013

Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, September, 2013

Post Graduate, Post Graduate, Boğaziçi Üniversitesi, June, 2013

Post Graduate, Post Graduate, Gazi Üniversitesi, May, 2013

Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, February, 2013

Associate Professor Exam, Associate Professor Exam, Boğaziçi Üniversitesi, February, 2013

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, December, 2012

Associate Professor Exam, Associate Professor Exam, İstanbul Teknik Üniversitesi, November, 2012

Associate Professor Exam, Associate Professor Exam, İstanbul Teknik Üniversitesi, November, 2012

Associate Professor Exam, Associate Professor Exam, Boğaziçi Üniversitesi, October, 2012

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, July, 2012

Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, June, 2012

Doctoral Examination, Doctoral Examination, Süleyman Demirel Üniversitesi, March, 2012

Doctorate, Doctorate, Kırıkkale Üniversitesi, January, 2012

Doctorate, Doctorate, Kırıkkale Üniversitesi, December, 2011

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, November, 2011

Associate Professor Exam, Associate Professor Exam, Boğaziçi Üniversitesi, October, 2011

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Süleyman Demirel Üniversitesi, October, 2011

Post Graduate, Post Graduate, Gazi Üniversitesi, September, 2011

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, July, 2011

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, July, 2011  
Doctorate, Doctorate, Gazi Üniversitesi, June, 2011  
Post Graduate, Post Graduate, Gazi Üniversitesi, June, 2011  
Doctorate, Doctorate, Selçuk Üniversitesi, February, 2011  
Post Graduate, Post Graduate, Gazi Üniversitesi, January, 2011  
Post Graduate, Post Graduate, Gazi Üniversitesi, December, 2010  
Post Graduate, Post Graduate, Gazi Üniversitesi, December, 2010  
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Süleyman Demirel Üniversitesi, September, 2010  
Doctorate, Doctorate, Süleyman Demirel Üniversitesi, June, 2010  
Post Graduate, Post Graduate, Gazi Üniversitesi, January, 2010  
Post Graduate, Post Graduate, Gazi Üniversitesi, January, 2010  
Doctorate, Doctorate, Gazi Üniversitesi, January, 2010  
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, July, 2009  
Post Graduate, Post Graduate, Gazi Üniversitesi, December, 2007  
Doctoral Examination, Doctoral Examination, Selçuk Üniversitesi, April, 2007  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Süleyman Demirel Üniversitesi, February, 2007  
Doctoral Examination, Doctoral Examination, Süleyman Demirel Üniversitesi, January, 2007  
Post Graduate, Post Graduate, Süleyman Demirel Üniversitesi, August, 2006  
Post Graduate, Post Graduate, Gazi Üniversitesi, July, 2006  
Post Graduate, Post Graduate, Gazi Üniversitesi, June, 2006  
Post Graduate, Post Graduate, Gazi Üniversitesi, May, 2006  
Doctoral Examination, Doctoral Examination, Selçuk Üniversitesi, April, 2006  
Post Graduate, Post Graduate, Gazi Üniversitesi, January, 2006  
Post Graduate, Post Graduate, Gazi Üniversitesi, January, 2006  
Post Graduate, Post Graduate, Ankara Üniversitesi, September, 2005  
Post Graduate, Post Graduate, Süleyman Demirel Üniversitesi, July, 2005  
Post Graduate, Post Graduate, Gazi Üniversitesi, January, 2005  
Doctorate, Doctorate, Gazi Üniversitesi, November, 2003

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

- I. **Preparation and characterization of novel transparent and foldable polymers modified with Cr(III), Co(II), Ni(II), and Cu(II) complexes**  
Caglayan M., Sari N., Sari B.  
International Journal of Polymer Analysis and Characterization, vol.28, no.3, pp.225-240, 2023 (SCI-Expanded)
- II. **Preparation of Composites Doped with Conducting Polymer, Characterization and Using Them in Adsorption of Some Radioactive Ions**  
Kurt A., Essiz S., Sari B.  
POLYMER SCIENCE SERIES A, vol.64, no.6, pp.882-897, 2022 (SCI-Expanded)
- III. **Manufacturing and characterizations of flexible poly(dimethylsiloxane)/poly (vinyl acetate)/polythiophene ternary composite films**  
Kayabas H. M., Essiz S., SARI B.  
POLYMER-PLASTICS TECHNOLOGY AND MATERIALS, vol.58, no.14, pp.1535-1544, 2019 (SCI-Expanded)
- IV. **Synthesis and characterization of foldable and magnetic field-sensitive, freestanding poly(vinyl acetate)/poly(vinyl chloride)/polyfuran composite and nanocomposite films**  
Saritas S., Essiz S., SARI B.  
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.433, pp.120-130, 2017 (SCI-Expanded)
- V. **Synthesis, Characterization and Hall Effect Studies of Polystyrene/Polyindole Composites**

- Essiz S., Sari B.  
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY B, vol.10, no.4, pp.679-686, 2016 (SCI-Expanded)
- VI. **Temperature-Sensitive Composite Films: Synthesis and Characterization of Poly(vinyl acetate)/Polystyrene/Polypyrrole Ternary Composites**  
Essiz S., SARI B.  
ADVANCES IN POLYMER TECHNOLOGY, vol.33, 2014 (SCI-Expanded)
- VII. **Effect of Synthetic Route on Structural and Morphological Properties of Poly(thiophene-co-indole)**  
Essiz S., SARI B., Eldemir N.  
POLYMER SCIENCE SERIES B, vol.56, no.5, pp.593-602, 2014 (SCI-Expanded)
- VIII. **Electrochemical preparation and characterization of novel polyethylene/polyindene and polystyrene/polyindene composites**  
Talu M., Uzluk E., SARI B., Selam L.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.127, no.2, pp.1237-1244, 2013 (SCI-Expanded)
- IX. **Electrokinetic and electrorheological properties of poly(vinyl chloride)/polyindole conducting composites**  
Koyuncu K., Ünal H. İ., Gumus O. Y., Erol Ö., Sari B., Ergin T.  
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.23, no.11, pp.1464-1472, 2012 (SCI-Expanded)
- X. **Polyindene/organo-montmorillonite conducting nanocomposites. I. Synthesis, characterization, and electrokinetic properties**  
Guzel S., ÜNAL H. İ., EROL Ö., SARI B.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.123, no.5, pp.2911-2922, 2012 (SCI-Expanded)
- XI. **Electrorheology and creep-recovery behavior of conducting polythiophene/poly(oxymethylene)-blend suspensions**  
EROL Ö., ÜNAL H. İ., SARI B.  
CHINESE JOURNAL OF POLYMER SCIENCE, vol.30, no.1, pp.16-25, 2012 (SCI-Expanded)
- XII. **Synthesis and Characterization of Novel Poly(dimethylsiloxane)/Polyindole Composites**  
Urkmez G., SARI B., ÜNAL H. İ.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.121, no.3, pp.1600-1609, 2011 (SCI-Expanded)
- XIII. **Electrical and Dielectric Characteristics of Al/Polyindole Schottky Barrier Diodes. II. Frequency Dependence**  
Yeriskin S., ÜNAL H. İ., SARI B.  
JOURNAL OF APPLIED POLYMER SCIENCE, no.1, pp.390-396, 2011 (SCI-Expanded)
- XIV. **Synthesis, Characterization, and Colloidal Properties of Polythiophene/Borax Conducting Composite**  
Gumus O. Y., ÜNAL H. İ., EROL Ö., SARI B.  
POLYMER COMPOSITES, vol.32, no.3, pp.418-426, 2011 (SCI-Expanded)
- XV. **Preparation of Novel Polyindene/Polyoxymethylene Blends and Investigation of Their Properties**  
Cabuk T. Z., SARI B., ÜNAL H. İ.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.117, no.6, pp.3659-3664, 2010 (SCI-Expanded)
- XVI. **Preparation of Conducting Poly(vinyl chloride)/Polyindole Composites and Freestanding Films via Chemical Polymerization**  
Taylan N. B., SARI B., ÜNAL H. İ.  
JOURNAL OF POLYMER SCIENCE PART B-POLYMER PHYSICS, vol.48, no.12, pp.1290-1298, 2010 (SCI-Expanded)
- XVII. **Synthesis, Electrorheology, and Creep Behaviors of In Situ Intercalated Polyindole/Organo-Montmorillonite Conducting Nanocomposite**  
EROL Ö., ÜNAL H. İ., SARI B.  
POLYMER COMPOSITES, vol.31, no.3, pp.471-481, 2010 (SCI-Expanded)
- XVIII. **Synthesis, electrorheology and creep behavior of polyindole/polyethylene composites**  
SARI B., Yavas N., Makulogullari M., EROL Ö., ÜNAL H. İ.  
REACTIVE & FUNCTIONAL POLYMERS, vol.69, no.11, pp.808-815, 2009 (SCI-Expanded)
- XIX. **Investigation of Electrorheological Properties and Creep Behavior of Poly(oxymethylene)/Polythiophene Composites**

- Eyrik M., YAVUZ M., ÜNAL H. İ., SARI B.  
POLYMER COMPOSITES, vol.30, no.9, pp.1345-1352, 2009 (SCI-Expanded)
- XX. **Electrical Characteristics of Al/Polyindole Schottky Barrier Diodes. I. Temperature Dependence**  
Altındal Ş., SARI B., ÜNAL H. İ., Yavas N.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.113, no.5, pp.2955-2961, 2009 (SCI-Expanded)
- XXI. **Synthesis, Characterization, and Electrorheological Properties of Polyindene/Calcium Carbonate Composites**  
Sarıkaya S., YAVUZ M., Yılmaz H., ÜNAL H. İ., SARI B.  
POLYMER COMPOSITES, vol.30, no.5, pp.583-590, 2009 (SCI-Expanded)
- XXII. **Conducting Composites and Blends of Polythiophene and Polyoxymethylene**  
Ozgun A., SARI B., Uygun A., ÜNAL H. İ., Cakanyildirim C.  
INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION, vol.14, no.6, pp.469-480, 2009 (SCI-Expanded)
- XXIII. **Electrorheological properties and creep behavior of polyindole/poly(vinyl acetate) composite suspensions**  
Oz K., YAVUZ M., Yılmaz H., Unal H. İ., SARI B.  
JOURNAL OF MATERIALS SCIENCE, vol.43, no.4, pp.1451-1459, 2008 (SCI-Expanded)
- XXIV. **Synthesis and characterization of polyindole/poly(vinyl acetate) conducting composites**  
Eraldemir O., SARI B., Gok A., ÜNAL H. İ.  
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.45, no.3, pp.205-211, 2008 (SCI-Expanded)
- XXV. **Synthesis, characterization and electrorheological properties of polyindene/kaolinite composites**  
Eristi C., Yavuz M., Yılmaz H., Sari B., Unal H. İ.  
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.44, pp.759-767, 2007 (SCI-Expanded)
- XXVI. **Electrorheological properties of kaolinite, polyindole, and polyindole/kaolinite composite suspensions**  
Arslan Y., Unal H. İ., Yılmaz H., Sari B.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.104, no.5, pp.3484-3493, 2007 (SCI-Expanded)
- XXVII. **Comparison of electrorheological properties of some polyaniline derivatives**  
Gerçek B., Yavuz M., Yılmaz H., Sari B., Unal H. İ.  
COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, vol.299, pp.124-132, 2007 (SCI-Expanded)
- XXVIII. **Synthesis, characterization and electrorheological properties of poly(o-toluidine)/Zn conducting composites**  
Yılmaz H., Unal H. İ., Sari B.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.103, no.2, pp.1058-1065, 2007 (SCI-Expanded)
- XXIX. **Synthesis of some polymer-metal complexes and elucidation of their structures**  
Sari N., Kahraman E., Sari B., Ozgun A.  
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.43, no.8, pp.1227-1235, 2006 (SCI-Expanded)
- XXX. **Synthesis and properties of conducting polypyrrole, polyalkylanilines, and composites of polypyrrole and poly(2-ethylaniline)**  
Sari B., Gok A., Sahin D.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.101, no.1, pp.241-249, 2006 (SCI-Expanded)
- XXXI. **Conducting polyaniline sensors for some organic and inorganic solvents**  
Gok A., Sari B., Talu M.  
INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION, vol.11, no.3, pp.227-238, 2006 (SCI-Expanded)
- XXXII. **Polymers, composites, and characterization of conducting polyfuran and poly(2-bromoaniline)**  
Gok A., Sari B., Talu M.

- JOURNAL OF APPLIED POLYMER SCIENCE, vol.98, no.5, pp.2048-2057, 2005 (SCI-Expanded)
- XXXIII. **X-ray diffraction studies and DC electrical conductivity of poly(2-halogenanilines) and their composites with polyfuran**  
Gok A., Can H., Sari B., Talu M.  
MATERIALS LETTERS, vol.59, no.1, pp.80-84, 2005 (SCI-Expanded)
- XXXIV. **Preparation and characterization of polyfuran/poly(2-fluoroaniline) conducting composites**  
Gok A., Sari B., Talu M.  
JOURNAL OF POLYMER SCIENCE PART B-POLYMER PHYSICS, vol.42, no.18, pp.3359-3367, 2004 (SCI-Expanded)
- XXXV. **Ion-selective electrodes prepared with polyaniline membranes**  
Aytac A., Kabasakaloglu M., Sari B., Talu M.  
RUSSIAN JOURNAL OF ELECTROCHEMISTRY, vol.40, no.7, pp.732-735, 2004 (SCI-Expanded)
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## Supported Projects

- Sarı B., TUBITAK Project, Elastomer Esaslı Üçlü Kompozitlerin Sentezi, Karakterizasyonu ve Gaz Sensörü Özelliklerinin Araştırılması, 2019 - 2021
- Sarı B., TUBITAK Project, Sıcaklık ve Manyetik Alan Duyarlı Üçlü Kompozit ve Nanokompozit Filmlerinin Sentezi ve Karakterizasyonu, 2014 - 2016
- Sarı B., TUBITAK Project, Poli vinil asetat Polistiren Polipirol Üçlü Kompozitlerinin Sentezi ve Karakterizasyonu , 2012 - 2013
- Sarı B., TUBITAK Project, Poliindol Esaslı Kompozitlerin Sentezi ve Karakterizasyonu, 2009 - 2010
- Sarı B., Ünal H. İ., TUBITAK Project, Çeşitli İletken Nanokompozitlerin Sentezi Elektroeolojik Özelliklerinin İncelenmesi ve Endüstriyel Uygulamalarının Araştırılması, 2008 - 2010
- Sarı B., Ünal H. İ., Project Supported by Higher Education Institutions, Poliinden kalsiyum karbonat Kompozitlerin Sentezi Karakterizasyonu ve Elektroeolojik Özelliklerinin İncelenmesi, 2006 - 2008
- Sarı B., Talu M., Project Supported by Higher Education Institutions, Elektrokimyasal Yöntemle Bazı Yalıtkan Polimerler Kullanılarak Poliinden ve Poliindol Esaslı Kompozitlerin Sentezi ve Karakterizasyonu, 2003 - 2005
- Sarı B., Sarı N., Project Supported by Higher Education Institutions, Bazı Polimer Metal Komplekslerinin Sentezi ve Yapılarının Aydınlatılması, 2002 - 2004
- Sarı B., Project Supported by Higher Education Institutions, Kimyasal Yöntemle Polialkilanilinlerin Sentezi İletken Polimerlerle Bazı Kompozitlerinin Hazırlanması ve Özelliklerinin İncelenmesi, 2001 - 2003
- Sarı B., Talu M., Project Supported by Higher Education Institutions, Elektrokimyasal Yöntemle Poliüretan Politiyofen İletken Kompozitlerinin Sentezi ve Karakterizasyonu, 2000 - 2001
- Sarı B., Talu M., Project Supported by Higher Education Institutions, Sübstitue Polianilin Polifuran İletken Kompozitlerinin Sentezi ve Karakterizasyonu, 1999 - 2001
- Sarı B., Talu M., Project Supported by Higher Education Institutions, Furanın Elektrokimyasal Polimerleşmesinde En Uygun Koşulların Belirlenmesi, 1997 - 1999
- Sarı B., Talu M., Project Supported by Higher Education Institutions, Anilin ve Türevlerinin Elektrokimyasal Polimerleşmesi Bazı Kompozitlerinin Sentezi ve Özelliklerinin İncelenmesi, 1997 - 1998
- Sarı B., Talu M., Project Supported by Higher Education Institutions, Furan ve Anilin Türevlerinin Kopolimer ve Kompozitlerinin Elektrokimyasal Yöntemle Polimerleştirilmesi ve Özelliklerinin İncelenmesi, 1996 - 1998

## **Scientific Refereeing**

POLYMER TESTING, Journal Indexed in SCI-E, February 2019

APPLIED PETROCHEMICAL RESEARCH, Journal Indexed in SCI-E, March 2018

JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, Journal Indexed in SCI-E, September 2017

JOURNAL OF MACROMOLECULAR SCIENCE - PURE AND APPLIED CHEMISTRY, Journal Indexed in SCI-E, May 2017

ADVANCES IN POLYMER TECHNOLOGY, Journal Indexed in SCI-E, August 2016

JOURNAL OF POLYMERS AND THE ENVIRONMENT, Journal Indexed in SCI-E, June 2016

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, Journal Indexed in SCI-E, March 2016

ANALYTICAL CHEMISTRY, Journal Indexed in SCI-E, January 2016

EUROPEAN POLYMER JOURNAL, Journal Indexed in SCI-E, December 2015

CARBOHYDRATE POLYMERS, Journal Indexed in SCI-E, December 2015

SYNTHETIC METALS, Journal Indexed in SCI-E, May 2014

JOURNAL OF POLYMER SCIENCE, PART B: POLYMER PHYSICS, Journal Indexed in SCI-E, February 2010

INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES, Journal Indexed in SCI-E, October 2009

JOURNAL OF APPLIED POLYMER SCIENCE, Journal Indexed in SCI-E, February 2007

JOURNAL OF COLLOID AND INTERFACE SCIENCE, Journal Indexed in SCI-E, January 2007

## **Metrics**

Publication: 93

Citation (WoS): 1073

Citation (Scopus): 1128

H-Index (WoS): 19

H-Index (Scopus): 20

## **Congress and Symposium Activities**

35. Ulusal Kimya Kongresi, Session Moderator, Diyarbakır, Turkey, 2024

II. Ulusal Nanoteknolojide İletken Polimer Günleri, Invited Speaker, Isparta, Turkey, 2024

IV. Ulusal Polimer Bilim ve Teknoloji Kongresi, Session Moderator, Çanakkale, Turkey, 2012

23. Ulusal Kimya Kongresi, Session Moderator, Sivas, Turkey, 2009

I. Ulusal Polimer Bilim ve Teknoloji Kongresi ve Sergisi, Session Moderator, Ankara, Turkey, 2006

## **Non Academic Experience**

Gazi Üniversitesi Fen Fakültesi