Assoc. Prof. SEÇİL ÇELİK ERBAŞ

Personal Information

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International Researcher IDs
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ScopusID: 16229754200
Yoksis Researcher ID: 44508

Education

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Turkey 2007 - 2013
Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Turkey 2004 - 2006
Masters (Non-Thesis), Turkey 2004 - 2006
Undergraduate, Ege University, Turkey 2001 - 2004

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Measurement and Evaluation, Akademik Veri Yönetim Sistemi Kullanıcı Eğitimi, Manisa Celal Bayar Üniversitesi, 2025
Vocational Training, Bilgi, Beceri ve Yetkinlik Temelli Eğitim Çıktılarının Yazım ve Uygulama Süreci, Manisa Celal Bayar Üniversitesi, 2024
Vocational Training, Etkili Öğretim Stratejileri ve Planlama, Manisa Celal Bayar Üniversitesi, 2024

Dissertations

Doctorate, Diketopirolopirol sınıfı pigmentlerin organik sıvı ve katı fazlara uyumlu antisimetrik türevlerinin sentezleri ve katı matriksler içerisindeki fotofiziksel - fotokimyasal davranışlarının incelenmesi, Dokuz Eylul University, Fen Bilimleri Enstitüsü, 2013
Postgraduate, Floroiyonofor özelliğe sahip diketopirolopirol türevlerinin sentezleri ve spektroskopik çalışmaları, Dokuz Eylul University, Fen Bilimleri Enstitüsü, 2006

Research Areas

Avesis Research Areas: Metallurgical and Materials Engineering, Optical Properties, Polymeric Materials, Nanomaterials, Chemistry of Dyes and Pigments, Chemistry of Heterocyclic Compounds, Organic Reaction Mechanisms, Organic Spectroscopy, Natural Sciences

WoS Research Areas: Materials Science Coatings & Films, Materials Science Characterization & Testing, Natural Sciences (Sci), Materials Science, Spectroscopy, Polymer Science, Chemistry Organic
Scopus Research Areas: General Materials Science, Spectroscopy, Polymers and Plastics, Organic Chemistry

Academic Positions

Associate Professor, Manisa Celal Bayar University, MÜHENDİSLİK VE DOĞA BİLİMLERİ FAKÜLTESİ, METALURJİ VE MALZEME MÜHENDİSLİĞİ, 2013 - Present
Research Assistant, Manisa Celal Bayar University, MÜHENDİSLİK VE DOĞA BİLİMLERİ FAKÜLTESİ, KİMYA, 2009 - 2013

Academic and Administrative Experience

Deputy Head of Department, Manisa Celal Bayar University, MÜHENDİSLİK VE DOĞA BİLİMLERİ FAKÜLTESİ, METALURJİ VE MALZEME MÜHENDİSLİĞİ, 2019 - 2023

Courses

Postgraduate
Bilimsel Araştırma ve Yayın Etiği (GÜZ), Postgraduate, 2026 - 2027
Polimer Biliminin Temelleri (BAHAR), Postgraduate, 2025 - 2026, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
Polimer Biliminin Temelleri (BAHAR), Postgraduate, 2025 - 2026
Bilimsel Araştırma ve Yayın Etiği (GÜZ), Postgraduate, 2025 - 2026, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Undergraduate
Nanomaterials (GÜZ), Undergraduate, 2026 - 2027, 2025 - 2026, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022
Malzeme Mühendisliği Tasarımı 1 (GÜZ), Undergraduate, 2026 - 2027, 2025 - 2026, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Sosyal Sorumluluk Projesi (BAHAR), Undergraduate, 2025 - 2026, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
Polimer Malzemeler (BAHAR), Undergraduate, 2025 - 2026, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022
Malzeme Mühendisliği Tasarımı 2 (BAHAR), Undergraduate, 2025 - 2026, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
Organic Chemistry, Undergraduate, 2025 - 2026, 2024 - 2025, 2023 - 2024, 2022 - 2023
Genel Kimya (GÜZ), Undergraduate, 2026 - 2027, 2025 - 2026, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
İşletmede Mesleki Eğitim (BAHAR), Undergraduate, 2025 - 2026, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
Organic Chemistry (BAHAR), Undergraduate, 2024 - 2025, 2023 - 2024
Nano Malzemeler (GÜZ), Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
İşletmede Mesleki Eğitim (GÜZ), Undergraduate, 2022 - 2023
İşyeri Uygulama Eğitimi (BAHAR), Undergraduate, 2020 - 2021, 2019 - 2020
General Chemistry (YAZ), Undergraduate, 2019 - 2020
Malzeme Mühendisliği Uygulamaları (BAHAR), Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
Fizikokimya (BAHAR), Undergraduate, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
Cam Bilimi ve Teknolojisi (GÜZ), Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
Nano Malzemeler (BAHAR), Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

Supervised Theses

Çelik Erbaş S., Baştürk S. B., Fonksiyonelleştirilmiş Karbon Esaslı Nanopartikül Katkılı Polimer Nano Kompozitlerin Üretimi ve Karakterizasyonu, Doctorate, İ.Ertem(Student), in Progress
ÇELİK ERBAŞ S., Floresans özellik gösteren florofor katkılı polimer malzemelerin mekanik, termomekanik ve mekanokromik özelliklerinin incelenmesi, Postgraduate, M.OKTAR(Student), 2023
ÇELİK ERBAŞ S., Fosforesans özellik gösteren inorganik bileşik katkılı polimer kompozit malzemelerin üretimi ve karakterizasyonu, Postgraduate, G.KOÇAK(Student), 2021
ÇELİK ERBAŞ S., Farklı polimer ortamlarında hazırlanan boya katkılı filmlerin spektroskopik ve mekanik özelliklerinin incelenmesi, Postgraduate, U.ÜREGİL(Student), 2019
ÇELİK ERBAŞ S., Termoplastik esaslı partikül katkılı kompozit malzemelerin üretimi ve karakterizsyonu, Postgraduate, U.YÜCEL(Student), 2019

Jury Memberships

Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, July, 2026
Competition, Efes 2026 Proje Yarışması, Dokuz Eylül Üniversitesi, May, 2026
Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, September, 2025
Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, February, 2025
Doctoral Examination, Doctoral Examination, Ege Üniversitesi, December, 2023
Post Graduate, Post Graduate, Manisa Celal Bayar Üniversitesi, July, 2022
Post Graduate, Post Graduate, Manisa Celal Bayar Üniversitesi, April, 2022
Award, Lisansüstü Tez Ödülleri, Manisa Celal Bayar Üniversitesi, March, 2022
Post Graduate, Post Graduate, Manisa Celal Bayar Üniversitesi, March, 2022
Post Graduate, Post Graduate, Manisa Celal Bayar Üniversitesi, January, 2022
Post Graduate, Post Graduate, Manisa Celal Bayar Üniversitesi, January, 2020

Articles

I. **The Impact of Phenanthroimidazole-Imine Dye on Photovoltaic Performance of Semiconductor/Insulator/Semiconductor (SIS)-Type Solar Cells**
FİAT VAROL S., GÜLLE S., ÇELİK ERBAŞ S., MERDAN Z.
JOURNAL OF ELECTRONIC MATERIALS, vol.55, no.6, pp.5364-5376, 2026 (SCI-Expanded, Scopus)

II. **Preparation and Characterization of Modified Graphene-Doped Multi-walled Carbon Nanotube/Polypropylene Nanocomposite Films**
Üçtepe Z., Soytürk B., Çelik Erbaş S., Baştürk B.
Karaelmas Fen ve Mühendislik Dergisi, vol.16, no.1, pp.129-144, 2026 (TRDizin)

III. **Manufacturing and Characterization of Low-Density Polyethylene Matrix Composites With Calcium Carbonate and Zinc Oxide: Enhanced Interaction of Micron and Nano-Sized Hybrid Fillers**
Yucel U., ÇELİK ERBAŞ S., BAŞTÜRK S. B., Aydin L.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.143, no.7, 2026 (SCI-Expanded, Scopus)

IV. **Synthesis of Novel Phenanthroimidazole Based Beta-Diketone Compounds: Investigation of Their Spectroscopic Properties and Electrochemical Characterization**
Gülle S., Çelik Erbaş S., Polatoğlu İ.
Journal of Fluorescence, vol.35, no.10, pp.9063-9075, 2025 (SCI-Expanded, Scopus)

V. **Preparation and characterization of strontium aluminate/urea-formaldehyde composite: a solution for oxidation-induced darkening problem**
Koçak G., Çelik Erbaş S.
Pigment and Resin Technology, vol.52, no.4, pp.502-520, 2023 (SCI-Expanded, Scopus)

VI. **PHENANTHROIMIDAZOLE-AZO DERIVED POLYMER BASED FLUORESCENCE SENSOR DESIGN FOR MONITORING OF Fe (III) IONS**
Gülle S., Erbaş S. Ç.
Eskişehir Technical University Journal of Science and and Technology A- Applied Sciences and Engineering, vol.21, no.3, pp.464-476, 2020 (TRDizin)

VII. **Investigation of spectroscopic and thermo-mechanical behaviors of different phenanthroimidazole-azo dyes in solvent and polymer medium**
Erbaş S., Uregil U., GÜLLE S., BAŞTÜRK S. B.
Materials Research Express, vol.7, no.3, 2020 (SCI-Expanded, Scopus)

VIII. **Fabrication And Characterization Of Nanoclay-Reinforced Thermoplastic Composite Films Izdelava In Karakterizacija Nanogline, Oja^Ane S Termoplasti^Nimi Kompozitnimi Filmi**
Erba S., BAŞTÜRK S. B.
Materiali in Tehnologije, vol.53, no.1, pp.87-94, 2019 (SCI-Expanded, Scopus)

IX. **Synthesis and Photophysical Behaviours of Novel Phenanthro[9,10-d] imidazole Substituted Azo Dyes in Solvent Media**
ERBAŞ S., Gülle S.
Celal Bayar Üniversitesi Fen Bilimleri Dergisi, vol.14, no.3, pp.285-289, 2018 (TRDizin)

X. **Mechanical and thermo-mechanical properties of nanoclay/epoxy composites: Synergistic effects of silanization and surfactant application**
BAŞTÜRK S. B., Erbas S.
Materials Research Express, vol.5, no.9, 2018 (SCI-Expanded, Scopus)

XI. **A Selective Fluorescence Sensor for Fe (III) Based on Phenanthroimidazole Imine Compound**
Gülle S., Çelik Erbaş S.
Journal of Fluorescence, vol.28, no.1, pp.445-451, 2018 (SCI-Expanded, Scopus)

XII. **Synthesis and Spectroscopic Studies of Phenanthroimidazole-Imine Derivatives and Evaluation of Their Antioxidant Activity**
Gülle S., Erbaş S., Uzel A.
Journal of Fluorescence, vol.28, no.1, pp.217-223, 2018 (SCI-Expanded, Scopus)

XIII. **Novel organic dyes based on phenyl-substituted benzimidazole for dye sensitized solar cells**
Saltan G., Dinçalp H., Kiran M., Zafer C., Erbaş S.
MATERIALS CHEMISTRY AND PHYSICS, vol.163, pp.387-393, 2015 (SCI-Expanded, Scopus)

XIV. **Synthesis and spectroscopic studies of N,N'-dialkyl derivatives of antisymmetrical 2h,5h-dihydropyrrolo[3,4-c]pyrrole-1,4-diones**
Erbas S., ALP S.
Journal of Fluorescence, vol.24, no.2, pp.329-335, 2014 (SCI-Expanded, Scopus)

XV. **Iron(III) selective fluorescence probe based on perylene tetracarboxylic diimide**
Tirtom V. N., Çelik Erbaş S., Birel O., Xue C.
Journal of Analytical Chemistry, vol.69, no.9, pp.856-863, 2014 (SCI-Expanded, Scopus)

XVI. **Dissolved carbon dioxide sensing with phenyl-linked carbazole oxazolones in ionic liquid and ethyl cellulose moieties**
ÇELİK ERBAŞ S., ERTEKİN K., Gundogdu C., ERGÜN M. Y., ALP S.
Spectroscopy Letters, vol.45, no.1, pp.74-83, 2012 (SCI-Expanded, Scopus)

XVII. **Structural and computational analysis of 3,6-dioctyloxiphenyl-2,5-dimethyl-1,4-diketopyrrolo[3,4-c]pyrrole-1,4-dione**
Şen Yüksel B., Sevinçek R., Çelik Erbaş S., Aygün M., Alp S.
Acta Crystallographica Section A: Foundations and Advances, vol.67, pp.599, 2011 (SCI-Expanded)

XVIII. **2,5-Dihexyl-3,6-diphenylpyrrolo-[3,4-c]pyrrole-1,4(2H,5H)-dione**
SEVİNÇEK R., ÇELİK ERBAŞ S., AYGÜN M., ALP S., Işik Ş.
Acta Crystallographica Section E: Structure Reports Online, vol.66, no.7, 2010 (SCI-Expanded, Scopus)

XIX. **Synthesis and spectroscopic studies of 3,6-Diphenyl-2,5-Dihydropyrrolo[3,4- C]Pyrrole-1,4-Dion's N,N'-Dialkyl derivatives**

ÇELİK ERBAŞ S., ERGÜN M. Y., ALP S.
Journal of Fluorescence, vol.19, no.5, pp.829-835, 2009 (SCI-Expanded, Scopus)

XX. **Determination of synthesis conditions of medium, high, and overbased alkali calcium sulfonate**
Beşergil B., Akin A., ÇELİK ERBAŞ S.
Industrial and Engineering Chemistry Research, vol.46, no.7, pp.1867-1873, 2007 (SCI-Expanded, Scopus)

Papers Presented at Peer-Reviewed Scientific Conferences

I. **Synthesis, Structural Characterization, and Spectroscopic Studies in Solvent and Solid Phase ofPhenanthroimidazole-Diketone Derivatives**
Çelik Erbaş S., Gülle S.
1. INTERNATIONAL ANKARA SCIENTIFIC RESEARCH CONGRESS, 21 - 22 December 2024, pp.777-790, (Full Text)

II. **INVESTIGATION OF MECHANICAL AND THERMAL PROPERTIES OF ±45° ORIENTEDCARBON AND GLASS FIBER REINFORCED POLYMER COMPOSITES**
Baltalı K., Baştürk S. B., Çelik Erbaş S.
3rd INTERNETIONAL EGE CONGRESS ON SCIENTIFIC RESEARCH, İzmir, Turkey, 20 - 22 December 2024, pp.711-720, (Full Text)

III. **1-{[4-(1H-phenanthro[9,10- d]imidazol-2-yl)phenyl]diazenyl}-2-naphthol (NOH) ve 4-{[4-(1Hphenanthro[9,10- d]imidazol-2-yl)phenyl]diazenyl}phenol (FOH) FENANTREN İMİDAZOLTÜREVLERİNİN İN VİTRO ANTİKANSER AKTİVİTELERİNİN BELİRLENMESİ**
Öğreten A., Eroğlu E., Çelik Erbaş S., Gülle S.
5th International Congress on Khazar Scientific Research and Innovation, Karaganda, Kazakhstan, 26 December 2024, pp.515-521, (Full Text)

IV. **Grafen Dop Edilmiş Karbonnanotüp Katkısının Polipropilen Filmlerinin Termal ve Mekanik Özellikleri Üzerindeki Sinerjetik Etkilerinin İncelenmesi**
Soytürk B., Üçtepe Z., Erdem Y. E., Çelik Erbaş S., Baştürk S. B.
VIII. Ulusal Biyomühendislik Kongresi, Manisa, Turkey, 16 - 18 May 2024, pp.73, (Summary Text)

V. **Nano-ZnO/PVA Kompozit Filmlerin Üretimi ve Termal Özelliklerinin İncelenmesi**
Çevik N., Rahman B., Gürboğa B., Ensoylu M., Çelik Erbaş S., Aydın L., Baştürk S. B.
VIII. Ulusal Biyomühendislik Kongresi, Manisa, Turkey, 16 - 18 May 2024, pp.71, (Summary Text)

VI. **Mechanical, Thermomechanical and Mechanofluorochromic Characterization of Methyl Orange Doped Polymer Medium**
Oktar M., Çelik Erbaş S., Baştürk S. B.
3nd International Symposium on Characterization (ISC´23), Afyonkarahisar, Turkey, 06 September 2023, pp.269-274, (Summary Text)

VII. **Effect of Silane Treatment on the Mechanical Properties of Cellulose Nanocrystal (CNC) Based Polymer Composites**
Baştürk S. B., Çelik Erbaş S., Acer F.
2nd International Symposium on Characterization (ISC´22), Afyonkarahisar, Turkey, 22 - 25 September 2022, pp.269-274, (Full Text)

VIII. **PRODUCTION OF THERMOPLASTIC BASED PARTICLE REINFORCED COMPOSITE MATERIALS AND THEIR CHARACTERIZATION**
Yücel U., Çelik Erbaş S., Baştürk S. B.
International Liberty Interdisciplinary Studies Conference, New York, United States Of America, 16 - 17 January 2022, pp.242, (Summary Text)

IX. **PRODUCTION AND CHARACTERIZATION OF MECHANOFLUOROCHROMIC DYE-DOPED POLYMERS BASED ON AGGREGATION EFFECT**
Çelik Erbaş S., Coşkun B., Gülle S.
V. International Ege Composite Material Symposium, İzmir, Turkey, 4 - 06 November 2021, pp.268-280, (Full Text)

X. **Coating of polymer surfaces with phosphorescence inorganic compound additives**

Koçak G., Çelik Erbaş S.
Manisa Celal Bayar University II. International University Industry Cooperation RD and Innovation Congress, Manisa, Turkey, 14 - 15 October 2018, pp.239-246, (Full Text)

XI. **EFFECT OF EPDM ADDITION ON THE MECHANICAL PROPERTIES OF PBT**
Baştürk S. B., Çelik Erbaş S., Özdemir M. M.
International Porous and Powder Materials, Aydın, Turkey, 12 - 15 September 2017, (Summary Text)

XII. **THE PRODUCTION AND CHARACTERIZATION OF NANOPARTICLE REINFORCED THERMOPLASTIC POLYMER FILMS**
Çelik Erbaş S., Baştürk S. B.
International Porous Powder Material, Aydın, Turkey, 12 - 15 September 2017, (Summary Text)

XIII. **MOLECULAR STRUCTURE EFFECTS OF REINFORCEMENT ON THE MECHANICAL PROPERTIES OF COMPOSITE FILMS**
Çelik Erbaş S., Baştürk S. B., Uregil U.
International Porous and Powder Materials, Aydın, Turkey, 12 - 15 September 2017, (Summary Text)

XIV. **EPOXY/NANO-CLAY BASED COMPOSITES: EFFECT OF ORGANIC DYE ADDITION ON THE MECHANICAL AND THERMOMECHANICAL PROPERTIES**
Baştürk S. B., Çelik Erbaş S.
International Porous Powder Materials, Aydın, Turkey, 12 - 15 September 2017, (Summary Text)

XV. **Characterization and Modification of Hollow Mullite Microspheres For The Application Of Polymer-Matrix Composites**
Yalamaç E., Polatoğlu İ., Sütçü M., Çelik Erbaş S.
3rd International Porous and Powder Materials Symposium and Exhibition (PPM 2017), Aydın, Turkey, 12 - 15 September 2017, (Summary Text)

XVI. **SPECTRAL CHARACTERIZATION OF DYE DOPED POLYMER THIN FILMS USED IN ADVANCED TECHNOLOGY APPLICATIONS**
Uregil U., Çelik Erbaş S., Gülle S.
16. Uluslararası Malzeme Sempozyumu, Denizli, Turkey, 12 - 14 October 2016, (Full Text)

XVII. **FENANTROİMİDAZOL HALKASI İÇEREN KONJUGE YAPILARIN SENTEZİ VE SPEKTROSKOPİK ÇALIŞMALARI**
Gülle S., Çelik Erbaş S.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, (Summary Text)

XVIII. **Novel Organic Dyes Based on Phenyl substituted Benzimidazole Donor for Dye Sensitized Solar Cells**
Murat G., Dinçalp H., Çelik Erbaş S., Kıran M., Zafer C.
10th Nanoscienceand Nanotechnology Conference of Turkey (NanoTR10), İstanbul, Turkey, 17 - 21 June 2014, (Summary Text)

XIX. **Synthesis of Antisymmetric N N Dialkyl 1 4 Diketo 2H 5H Dihydropyrrolo 3 4 c Pyrroles And Their Spectroscopic Studies**
Çelik Erbaş S., Alp S.
3 rd. Pak-Turk Conference on Chemical Sciences, Zonguldak, Turkey, 13 September 2012, (Summary Text)

XX. **Structural and computational analysis of 3, 6-dioctyloxiphenyl-2, 5-dimethyl-1, 4-diketopyrrolo [3, 4-c] pyrrole-1, 4-dione**
Şen B., Sevinçek R., Çelik Erbaş S., Aygün M., Alp S.
28th European Crystallography Meeting, Warwick, United Kingdom, Madrid, Spain, 25 - 29 August 2011, vol.67, pp.599, (Summary Text)

XXI. **Antisimetrik 1 4 Diketo 2H 5H Dihidropirolo 3 4 c Pirol lerin N Alkil Türevlerinin Sentezleri Ve Spektroskopik Çalışmaları**
Çelik Erbaş S., Alp S., Ergün M. Y.
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June 2010, (Summary Text)

XXII. **Tiyofen Bağlı Perilen Diimid Molekülü Kullanılarak Fe(III) İyonuna Duyar Sensör Geliştirilmesi**
Tirtom V. N., Çelik Erbaş S., Haklı Ö., Çelik A.
XI. Ulusal Spektroskopi Kongresi, Ankara, Turkey, 23 June 2009, (Summary Text)

XXIII. **Emission based pH sensing with newly synthesized fluorescent pH probes in ionic liquid media**
Çelik Erbaş S., Ertekin K., Özsoy D., Ergün M. Y., Alp S.
Europtrode IX Ninth European Conference on Optical Chemical Sensors and Biosensors, Dublin, Ireland, 30 March 2008, (Summary Text)

XXIV. **pH and HCO 3 Sensing With Newly Synthesized Fluorescent pH Probes In Green Chemistry Solvents Ionic Liquids**
Çelik Erbaş S., Ertekin K., Özsoy D., Alp S., Ergün M. Y.
Europtrode IX Ninth European Conference on Optical Chemical Sensors and Biosensors, Dublin, Ireland, 30 March 2008, (Summary Text)

XXV. **4 Hidroksi 3 MetoksiBenziliden Grubu İçeren Azlakton Türevlerinin PVC Matrikste Katyonlara Karşı Yanıtlarının Spektroflorimetrik İncelenmesi**
Çelik Erbaş S., Öztürk Ürüt G., Ergün M. Y., Alp S.
XX. Ulusal Kimya Kongresi, Kayseri, Turkey, 4 - 08 September 2006, (Summary Text)

Funded Projects

Çelik Erbaş S., Üçtepe Z., Soytürk B., TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Grafen Dop Edilmiş Karbon Nanotüp Katkılı Polipropilen Film Üretimi ve Karakterizasyonu, 2024 - 2025
ÇELİK ERBAŞ S., OKTAR M., Project Supported by Higher Education Institutions, BAP Other, Floresans Özellik Gösteren Florofor Katkılı Polimer Malzemelerin Mekanik, Termomekanik ve Mekanokromik Özelliklerinin İncelenmesi, 2022 - 2023
ÇELİK ERBAŞ S., GÜLLE S., Project Supported by Higher Education Institutions, BAP Research Project, Floresans Özellik Gösteren Fenantroimidazol-Diketon Türevleri ve Bor Komplekslerinin Sentez ve Karakterizasyonları, 2021 - 2024
ÇELİK ERBAŞ S., KOÇAK G., Project Supported by Higher Education Institutions, BAP Other, Sıcak Pres Tekniği İle Fosforesans Özellikte İnorganik Pigment Katkılı Polimer Kompozit Malzemelerin Üretimi ve Karakterizasyonu, 2020 - 2020
Çelik Erbaş S., Çelebi A., TUBITAK Project, FOSFORESANS ÖZELLİK GÖSTEREN İNORGANİK BİLEŞİK KATKILARİİLE IŞILDAYAN KAPAK TASARIMI_Tübitak 1505 Fizibilite Projesi, 2018 - 2018
ATAÇ A., KÖSE E., KARACA Ç., ÇELİK ERBAŞ S., BARDAK F., Project Supported by Higher Education Institutions, BAP Research Project, Bazı Florofor Sınıfına Ait Coumarin, Naftalin Gibi Moleküllerin Temel ve Uyarılmış Durumlarının Polar ve Apolar Çözelti Etkisinde Davranışlarını Çeşitli Temel Setler Kullanılarak Pcm-Dft/Td-Dft Metodu İle Teorik Olarak İncelenmesi, 2017 - 2020
ÇELİK ERBAŞ S., Project Supported by Higher Education Institutions, BAP Other, Nanopartikül Takviyeli Termoplastik Polimer Esaslı İnce Film Üretimi ve Karakterizasyonu, 2016 - 2017
BAŞTÜRK S. B., ÇELİK ERBAŞ S., OKUTAN BABA B., Project Supported by Higher Education Institutions, BAP Infrastructure, Polimer Esaslı Malzeme Laboratuvarı Kurulumu, 2014 - 2016
GÜLLE S., ÇELİK ERBAŞ S., Project Supported by Higher Education Institutions, BAP Research Project, Oksokrom ve Kromofor Gruplar İçeren Fenantroimidazol Bileşiklerinin Sentezleri ve Spektroskopik Çalışmaları, 2014 - 2016
Murat Saltan G., Çelik Erbaş S., Dinçalp H., Project Supported by Higher Education Institutions, BAP Research Project, Boya-Uyarımlı Güneş Pilleri için Trifenilamin Esaslı Boyaların Sentezlenmesi ve Özelliklerinin İncelenmesi, 2011 - 2013
Çelik Erbaş S., Alp S., Project Supported by Higher Education Institutions, 2007.kb.fen.058 Diketopirolopirol Sınıfı Pigmentlerin Organik Sıvı Ve Katı Fazlara Uyumlu Antisimetrik Türevlerinin Sentezleri Ve Katı Matriksler İçerisindeki Fotofiziksel Fotokimyasal Davranışlarının İncelenmesi, 2008 - 2012

Activities in Scientific Journals

Celal Bayar Üniversitesi Fen Bilimleri Dergisi, Assistant Editor/Section Editor, 2025 - Present

Peer Reviews in Scientific Publications

Academia Material Science, Other Indexed Journal, August 2026
Karaelmas Fen ve Mühendislik Dergisi, National Scientific Refreed Journal, June 2026
Academia Material Science, Other Indexed Journal, June 2026
FIBERS AND POLYMERS, Journal Indexed in SCI-E, April 2026
Turkish Journal of Science & Technology, National Scientific Refreed Journal, September 2025
FIBERS AND POLYMERS, SCI Journal, April 2025
VI. Ulusal Üniversite Sanayi İş Birliği, Ar-GE ve İnovasyon kongresi, Conference Paper (Abstract), December 2024
V. Ulusal Üniversite ve Sanayi İşbirliği arge ve inovasyon kongresi, Conference Paper (Abstract), October 2024
JOURNAL OF FLUORESCENCE, SCI Journal, October 2024
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, National Scientific Refreed Journal, July 2024
Hitit Journal Of Science, Other Indexed Journal, July 2024
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, Journal Indexed in ESCI, February 2024
Celal Bayar Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, June 2023
Eskişehir Osmangazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, National Scientific Refreed Journal, March 2020
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, Journal Indexed in ESCI, March 2019
Soma Meslek Yüksekokulu Teknik Bilimler Dergisi, National Scientific Refreed Journal, September 2018
Conference Paper (Full Text), January 2017
Other journals, January 2016

Scientific Project Refereeing

KOSGEB, July 2023
Project Supported by Other Official Institutions, March 2022

Roles in Event Organizations

Çelik Erbaş S., VI. Ulusal Üniversite ve Sanayi İşbirliği Arge ve İnovasyon Kongresi, Scientific Congress, Turkey, December 2024
Çelik Erbaş S., VIII. Ulusal Biyomühendislik Kongresi, Scientific Congress, Turkey, May 2024

Metrics

Publication: 45
Citation (WoS): 175
Citation (Scopus): 162
H-Index (WoS): 8
H-Index (Scopus): 8

Invited Talks

Luminescent Polymer Materials: A Material Science Perspective on Structure-Property-Function Relationships and Multifunctional Behavior , Conference, The 2nd International Conference on Materials Science and Device Engineering (ICMSDE 2025), China, July 2025