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### Kişisel Bilgiler

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### Eğitim Bilgileri

Doktora, İnönü Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 2014 - 2019

Yüksek Lisans, İnönü Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 2012 - 2014

Lisans, Tokat Gaziosmanpaşa Üniversitesi, Fen-Edebiyat, Kimya, Türkiye 2004 - 2008

### Araştırma Alanları

Kimya

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Evaluation of genotoxic and mitotoxic effects of TAF-loaded chitosan nanoparticles in HepG2 cells.**  
Korkmaz Sezer S., Yuksel S., Koc A., Ulu A., Ates B.  
Drug and chemical toxicology, ss.1-11, 2024 (SCI-Expanded)
- II. **Enhancement of enzyme activity by laser-induced energy propulsion of upconverting nanoparticles under near-infrared light: A comprehensive methodology for in vitro and in vivo applications.**  
Ateş B., Ulu A., Asiltürk M., Noma S. A. A., Topel S. D., Dik G., Özhan O., Bakar B., Yıldız A., Vardı N., et al.  
International journal of biological macromolecules, cilt.260, sa.Pt 2, ss.129343, 2024 (SCI-Expanded)
- III. **Unveiling the effect of molecular weight of vanillic acid grafted chitosan hydrogel films on physical, antioxidant, and antimicrobial properties for application in food packaging.**  
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- IV. **Immobilization of Xylanase onto Starch Nanoparticles: A Reusable and Robust Nanobiocatalyst for Juice Clarification**  
Dik G., Bakar B., Ulu A., Köytepe S., Ateş B.  
STARCH/STAERKE, cilt.2300130, sa.2300130, ss.1-10, 2023 (SCI-Expanded)
- V. **Newly Synthesized Multifunctional Biopolymer Coated Magnetic Core/Shell Fe3O4@Au Nanoparticles for Evaluation of L-asparaginase Immobilization**  
TARHAN T., Dik G., Ulu A., TURAL B., TURAL S., ATEŞ B.  
TOPICS IN CATALYSIS, cilt.66, sa.9-12, ss.577-591, 2023 (SCI-Expanded)
- VI. **Effects of the apricot diets containing sulfur dioxide at different concentrations on rat testicles.**  
Yildiz A., Ozhan O., Ulu A., Dogan T., Bakar B., Ugur Y., Taslidere E., Gokbulut İ., Polat S., Parlakpinar H., et al.

- Environmental science and pollution research international, cilt.30, sa.29, ss.74301-74313, 2023 (SCI-Expanded)
- VII. **Immobilization of alpha-Amylase onto Quantum Dots Prepared from Hypericum perforatum L. Flowers and Hypericum capitatum Seeds: Its Physicochemical and Biochemical Characterization**  
Acari I. K., Dik G., Bakar B., Ulu A., ÖNAL Y., ATEŞ B.  
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- VIII. **A Positive Effect of Magnetic Field on the Catalytic Activity of Immobilized L-Asparaginase: Evaluation of its Feasibility**  
Dik G., Ulu A., Inan O. O., ATALAY S., ATEŞ B.  
CATALYSIS LETTERS, cilt.153, sa.5, ss.1250-1264, 2023 (SCI-Expanded)
- IX. **The Cytotoxicity, DNA Fragmentation, and Decreasing Velocity Induced By Chromium(III) Oxide on Rainbow Trout Spermatozoa**  
Ozgur M. E., Ulu A., GÜRSES C., Ozcan I., Noma S. A. A., KÖYTEPE S., ATEŞ B.  
BIOLOGICAL TRACE ELEMENT RESEARCH, cilt.201, sa.2, ss.968-983, 2023 (SCI-Expanded)
- X. **Tailor-made novel electrospun polycaprolactone/polyethyleneimine fiber membranes for laccase immobilization: An all-in-one material to biodegrade textile dyes and phenolic compounds.**  
Kolak S., Birhanli E., Boran F., Bakar B., Ulu A., Yeşilada Ö., Ateş B.  
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- XI. **Activation of the Mas receptors by AVE0991 and MrgD receptor using Alamandine to limit the deleterious effects of Ang II-induced hypertension**  
Tanrıverdi L. H., Özhan O., Ulu A., Yıldız A., Ateş B., Vardi N., Acet H. A., Parlakpinar H.  
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- XII. **Fast Curing Multifunctional Tissue Adhesives of Sericin-Based Polyurethane-Acrylates for Sternal Closure**  
Balcioglu S., NOMA S. A. A., Ulu A., Karaaslan-Tunc M. G., ÖZHAN O., KÖYTEPE S., PARLAKPINAR H., VARDI N., ÇOLAK M. C., ATEŞ B.  
ACS APPLIED MATERIALS & INTERFACES, 2022 (SCI-Expanded)
- XIII. **Design of laccase-metal-organic framework hybrid constructs for biocatalytic removal of textile dyes**  
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- XIV. **Eco-friendly chitosan/kappa-carrageenan membranes reinforced with activated bentonite for adsorption of methylene blue**  
Ulu A., ALPASLAN M., GÜLTEK A., ATEŞ B.  
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- XV. **Fabrication of electrospun polycaprolactone/chitosan nanofiber-modified screen-printed electrode for highly sensitive detection of diazinon in food analysis**  
Topsoy O. K., Muhammad F., Kolak S., Ulu A., GÜNGÖR Ö., ŞİMŞEK M., KÖYTEPE S., ATEŞ B.  
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- XVI. **Fabrication of Oleic Acid Grafted Starch-based Hybrid Carriers for L-Asparaginase Encapsulation**  
Hafizosmanoglu G., Ulu A., KÖYTEPE S., ATEŞ B.  
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- XVII. **Preparation, Controlled Drug Release, and Cell Viability Evaluation of Tenofovir Alafenamide-Loaded Chitosan Nanoparticles**  
Ulu A., Sezer S. K., YÜKSEL S., KOÇ A., ATEŞ B.  
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- XVIII. **Tunable and tough porous chitosan/beta-cyclodextrin/tannic acid biocomposite membrane with mechanic, antioxidant, and antimicrobial properties**  
Ulu A., BİRHANLI E., ATEŞ B.  
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- XIX. **Tailor-made shape memory stents for therapeutic enzymes: A novel approach to enhance enzyme performance**  
Ulu A., ATEŞ B.

- INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.185, ss.966-982, 2021 (SCI-Expanded)
- XX. Preparation and Characterization of Amino-Functionalized Zeolite/SiO<sub>2</sub> Materials for Trypsin-Chymotrypsin Co-immobilization  
Dogan D., Sezer S., Ulu A., KÖYTEPE S., ATEŞ B.  
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- XXI. alpha-Amylase Immobilization on P(HEMA-co-PEGMA) Hydrogels: Preparation, Characterization, and Catalytic Investigation  
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- XXII. Comparative study of catalase immobilization via adsorption on P(MMA-co-PEG500MA) structures as an effective polymer support  
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- XXIII. Preparation, characterization, and in vitro release study of vincristine sulfate-loaded chitosan-polyethylene glycol-oleic acid composites  
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- XXIV. Development of L-asparaginase@hybrid Nanoflowers (ASNase@HNFs) Reactor System with Enhanced Enzymatic Reusability and Stability  
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- XXV. L-asparaginase immobilized p(HEMA-GMA) cryogels: A recent study for biochemical, thermodynamic and kinetic parameters  
Noma S. A. A., Acet O., Ulu A., Onal B., ODABAŞI M., ATEŞ B.  
POLYMER TESTING, cilt.93, 2021 (SCI-Expanded)
- XXVI. Chitosan/polypropylene glycol hydrogel composite film designed with TiO<sub>2</sub> nanoparticles: A promising scaffold of biomedical applications  
Ulu A., BİRHANLI E., KÖYTEPE S., ATEŞ B.  
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- XXVII. Chemistry, Structures, and Advanced Applications of Nanocomposites from Biorenewable Resources  
Ates B., Koytepe S., Ulu A., Gurses C., Thakur V.  
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- XXVIII. Preparation and characterization of amino and carboxyl functionalized core-shell Fe<sub>3</sub>O<sub>4</sub>/SiO<sub>2</sub> for L-asparaginase immobilization: A comparison study  
Noma S. A. A., Ulu A., KÖYTEPE S., ATEŞ B.  
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- XXIX. The Carboxylated Multi-walled Carbon Nanotubes/l-Asparaginase Doped Calcium-Alginate Beads: Structural and Biocatalytic Characterization  
Ulu A., KARAMAN M., Yapici F., NAZ M., Sayin S., Saygili E. I., ATEŞ B.  
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- XXX. Metal-organic frameworks (MOFs): a novel support platform for ASNase immobilization  
Ulu A.  
JOURNAL OF MATERIALS SCIENCE, cilt.55, sa.14, ss.6130-6144, 2020 (SCI-Expanded)
- XXXI. Laccase-conjugated thiolated chitosan-Fe<sub>3</sub>O<sub>4</sub> hybrid composite for biocatalytic degradation of organic dyes  
Ulu A., BİRHANLI E., BORAN F., KÖYTEPE S., YEŞİLADA Ö., ATEŞ B.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.150, ss.871-884, 2020 (SCI-Expanded)
- XXXII. Melatonin protects sperm cells of *Capoeta trutta* from toxicity of titanium dioxide nanoparticles  
Ozgur M. E., Ulu A., Noma S. A. A., Ozcan I., Balcioglu S., ATEŞ B., KÖYTEPE S.  
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- XXXIII. Comparative study of ASNase immobilization on tannic acid-modified magnetic Fe3O<sub>4</sub>/SBA-15 nanoparticles to enhance stability and reusability  
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- XXXIV. Maltose functionalized magnetic core/shell Fe3O<sub>4</sub>@Au nanoparticles for an efficient L-asparaginase immobilization  
TARHAN T., Ulu A., Saricam M., ÇULHA M., ATEŞ B.  
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- XXXV. Investigation of toxic effects of amorphous SiO<sub>2</sub> nanoparticles on motility and oxidative stress markers in rainbow trout sperm cells  
Ozgur M. E., Ulu A., Ozcan I., Balcioglu S., ATEŞ B., KÖYTEPE S.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, cilt.26, sa.15, ss.15641-15652, 2019 (SCI-Expanded)
- XXXVI. Chloro-Modified Magnetic Fe3O<sub>4</sub>@MCM-41 Core-Shell Nanoparticles for L-Asparaginase Immobilization with Improved Catalytic Activity, Reusability, and Storage Stability  
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- XXXVII. Sensors: Natural Polymeric Composites  
Ulu A., ATEŞ B.  
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- XXXVIII. The Toxicity Assessment of Iron Oxide (Fe3O<sub>4</sub>) Nanoparticles on Physical and Biochemical Quality of Rainbow Trout Spermatozoon  
Ozgur M. E., Ulu A., Balcioglu S., Ozcan I., KÖYTEPE S., ATEŞ B.  
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- XXXIX. Chitosan/Polyvinylpyrrolidone/MCM-41 Composite Hydrogel Films: Structural, Thermal, Surface, and Antibacterial Properties  
ULU A., NOMA S. A. A., GÜRSİS C., KÖYTEPE S., ATEŞ B.  
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- XL. Poly(2-hydroxyethyl methacrylate)/boric acid composite hydrogel as soft contact lens material: Thermal, optical, rheological, and enhanced antibacterial properties  
ULU A., BALCIOGLU S., BİRHANLI E., SARIMELELİ A., KESKİN R., KÖYTEPE S., ATEŞ B.  
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- XLI. The in vitro toxicity analysis of titanium dioxide (TiO<sub>2</sub>) nanoparticles on kinematics and biochemical quality of rainbow trout sperm cells  
Ozgur M. E., Balcioglu S., Ulu A., Ozcan I., Okumus F., KÖYTEPE S., ATEŞ B.  
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- XLII. Design of epoxy-functionalized Fe3O<sub>4</sub>@MCM-41 core-shell nanoparticles for enzyme immobilization  
Ulu A., Ozcan I., KÖYTEPE S., ATEŞ B.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.115, ss.1122-1130, 2018 (SCI-Expanded)
- XLIII. Investigation of Toxicity Properties of Flower-like ZnO Nanoparticles on Cyprinus carpio Sperm Cells Using Computer-Assisted Sperm Analysis (CASA)  
Ozgur M. E., ULU A., BALCIOGLU S., OZCAN I., Okumus F., KÖYTEPE S., ATEŞ B.  
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- XLIV. Magnetic Fe3O<sub>4</sub>@MCM-41 core-shell nanoparticles functionalized with thiol silane for efficient l-asparaginase immobilization  
Ulu A., Noma S. A. A., KÖYTEPE S., ATEŞ B.  
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- XLV. Magnetic-propelled Fe3O<sub>4</sub>-chitosan carriers enhance l-asparaginase catalytic activity: a promising strategy for enzyme immobilization  
ATEŞ B., ULU A., KÖYTEPE S., ALI NOMA S. A., KOLAT V. S., İZGİ T.  
RSC ADVANCES, cilt.8, sa.63, ss.36063-36075, 2018 (SCI-Expanded)
- XLVI. Immobilization of L-Asparaginase on Carrier Materials: A Comprehensive Review

- Ulu A., ATEŞ B.  
BIOCONJUGATE CHEMISTRY, cilt.28, sa.6, ss.1598-1610, 2017 (SCI-Expanded)
- XLVII. **Biomedical applications of hybrid polymer composite materials**  
ATEŞ B., KÖYTEPE S., Balcioglu S., Ulu A., GÜRSES C.  
HYBRID POLYMER COMPOSITE MATERIALS: APPLICATIONS, ss.343-408, 2017 (SCI-Expanded)
- XLVIII. **Design of starch functionalized biodegradable P(MAA-co-MMA) as carrier matrix for L-asparaginase immobilization**  
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- XLIX. **Synthesis and characterization of biodegradable pHEMA-starch composites for immobilization of L-asparaginase**  
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- L. **Synthesis and characterization of PMMA composites activated with starch for immobilization of L-asparaginase**  
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### **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Manyetik Kantilever ile IgG antikorlarının tespiti**  
Orçun İnan O., Dik G., ULU A., ATEŞ B., ATALAY S.  
Sinop Üniversitesi Fen Bilimleri Dergisi, cilt.8, sa.2, ss.134-144, 2023 (Hakemli Dergi)
- II. **Effects of drugs commonly used in Sars-CoV-2 infection on renal tissue in rats**  
Yıldız A., Ozhan O., Vardi N., AKYÜZ M., BAKAR B., ULU A., Taslidere E., KÜÇÜKAKÇALI Z., Ates B., Parlakpinar H.  
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- III. **Synthesis and Biomedical Applications of Polymer-Functionalized Magnetic Nanoparticles**  
Dik G., ULU A., ATEŞ B.  
NANOFABRICATION, cilt.8, 2023 (ESCI)
- IV. **The protective effect of naringenin on ciprofloxacin-induced cardiovascular toxicity in rats**  
ULUTAŞ Z., KURUTKAN S., ÖZHAN O., YILDIZ A., ULU A., ŞAHİN BÜYÜKKORKMAZ L., VARDI N., ATEŞ B.,  
PARLAKPINAR H.  
ScopeMed, cilt.4, 2023 (Hakemli Dergi)
- V. **Effects of mirtazapine on cisplatin cardiotoxicity in rats**  
ÖZHAN O., ULUTAŞ Z., Serduman S., ŞAHİN BÜYÜKKORKMAZ L., YILDIZ A., ULU A., VARDI N., ATEŞ B.,  
PARLAKPINAR H.  
Medicine Science, cilt.12, sa.2, ss.579-586, 2023 (Hakemli Dergi)
- VI. **Effects of taurine and apocynin on the zone of stasis**  
Öcük Ö., Fırat C., Yıldız A., Vardı N., Ulu A., Noma S. A. A., Parlakpinar H., Özhan O.  
BURNS, cilt.48, sa.8, ss.1850-1862, 2022 (Hakemli Dergi)
- VII. **Preparation of Allantoin Loaded Chitosan Nanoparticles and Influence of Molecular Weight of Chitosan on Drug Release**  
ULU A.  
İnönü Üniversitesi Sağlık Hizmetleri Meslek Yüksekokulu Dergisi, cilt.8, sa.3, ss.725-740, 2020 (Hakemli Dergi)
- VIII. **The Effect of Heat Treatment on Sugar, HMF and Antioxidant Properties of Honey Obtained from Different Regions in Turkey**  
Karlıdag S., Basgel S., Ulu A., Karadol G., Ugur Y., YILMAZTEKİN M., ATEŞ B., ERDOĞAN S.  
Journal of Apitherapy and Nature, cilt.1, sa.2, ss.32-45, 2018 (Hakemli Dergi)
- IX. **Yenilenebilir Kaynaklı Poliüretan Kompozitler**  
Ulu A., GÜRSES C., ATEŞ B., Balcioglu S., KÖYTEPE S.

- Putech & Composites Magazine (Poliüretan Sanayi Dergisi), cilt.7, ss.14-26, 2015 (Hakemsiz Dergi)
- X. Sevgi Balcioğlu, Yenilenebilir Kaynak Olarak Bitkisel Yağlardan Poliol Eldesi  
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Putech ? Composites, cilt.7, sa.25, ss.10-16, 2015 (Hakemsiz Dergi)

## Kitap & Kitap Bölümleri

- I. Medicinal and Biological Application of Magnetic Alloy Nanoparticles and Their Polymer Nanocomposites  
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Handbook of Magnetic Hybrid Nanoalloys and their Nanocomposites, Sabu Thomas (Editor-in-Chief), Amirsadegh Rezazadeh Nochehdehi (Editor-in-Chief), Editör, Springer, London/Berlin , London, ss.1-27, 2022
- II. Functionalized Magnetic Nanoparticle-based Sensors for Point-of-care Applications: From the Preparation to Practical Applications  
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Analytical Applications of Functionalized Magnetic Nanoparticles, Chaudhery Mustansar Hussain, Editör, Royal Society of Chemistry , London, ss.454-488, 2021
- III. Sensors: Natural Polymeric Composites  
ULU A., ATEŞ B.  
Encyclopedia of Polymer Applications, Mishra, Munmaya, Editör, Taylor Francis Group, ss.2306-2327, 2019
- IV. Biomedical applications of hybrid polymer composite materials  
ATEŞ B., KÖYTEPE S., Balcioglu S., Ulu A., GÜRSİS C.  
Hybrid Polymer Composite Materials Applications, Vijay Kumar Thakur, Editör, Elsevier Science, Oxford/Amsterdam , Cambridge, ss.343-408, 2017

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. Alamandin, Melatonin ve Alamandin-Melatonin Kombinasyonunun Monokrotalin ile indüklenmiş Pulmoner Arteriyel Hiğertansiyon Sıçan Mosdelindeki Biyokimyasal Etkileri  
POLAT S., GÜNATA M., ÖZHAN O., ATEŞ ÖZSOY N., KILIÇ E., NOMA S. A. A., ULU A., İNAN S. T., ACET H. A., PARLAKPINAR H.  
Uluslararası Maldia Sağlık Bilimleri Kongresi, Malatya, Türkiye, 14 - 16 Ekim 2022
- II. Immobilization of L-ASNase on clay minerals for biocatalysts applications  
ULU A.  
International Eurasian Conference on Biotechnology and Biochemistry (BioTechBioChem 2020), Türkiye, 16 Aralık 2020
- III. Organic-Inorganic Hybrid Carriers for Enzyme Immobilization  
ULU A.  
3RD INTERNATIONAL CONFERENCE ON PHYSICAL CHEMISTRY & FUNCTIONAL MATERIALS PCFM-2020, 22 Eylül 2020
- IV. Synthesis of Boronic Acid/Peg-Functionalized Magnetic Nanoparticles for Enzyme Immobilization  
Dik G., ULU A., ATEŞ B.  
3RD INTERNATIONAL CONFERENCE ON PHYSICAL CHEMISTRY & FUNCTIONAL MATERIALS PCFM-2020, 22 Eylül 2020
- V. Synthesis and characterization of functionalized magnetic core/shell Fe<sub>3</sub>O<sub>4</sub>@Au nanoparticles for used to immobilization L-asparaginase enzyme  
ULU A., ATEŞ B., TARHAN T.  
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), 19 - 20 Mart 2020

- VI. **Preparation and characterization of carboxyl functionalized core-shell Fe3O4/SiO<sub>2</sub> for L-asparaginase immobilization**  
Noma S. A. A., ULU A., KÖYTEPE S., ATEŞ B.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), 11 - 14 Mart 2020
- VII. **Preparation and Optimization of Alginate Microbeads Loaded with Vincristine Sulfate and Its In vitro Release**  
ULU A.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Türkiye, 11 - 14 Mart 2020
- VIII. **Fast Curable and Bio-inspired Surgical Adhesives for Sternal Closure: Eliminates Disadvantages of Steel Wire**  
BALCIOĞLU S., ULU A., NOMA S. A. A., KÖYTEPE S., PARLAKPINAR H., ÖZHAN O., ÇOLAK M. C., YILDIZ A., VARDI N., ATEŞ B.  
Uluslararası Biyoteknoloji Kongresi, İstanbul, Türkiye, 5 - 07 Mart 2020
- IX. **TİKAGRELORUN SİÇANLarda KARDİYOVASKÜLER SİSTEM ÜZERİNDE YAPTIĞI DEĞİŞİKLİKLERİN ARAŞTIRILMASI**  
GÜLHAN B., ERMİŞ N., GÜNATA M., ÖZHAN O., PARLAKPINAR H., VARDI N., YILDIZ A., ULU A., ATEŞ B., YAŞAR Ş., et al.  
1. ULUSLARARASI BATTALGAZİ MULTİ DİSİPLİNER ÇALIŞMALAR KONGRESİ, 7 - 09 Aralık 2018
- X. **Sternal Kapamada Kullanılmak Üzere Jelatin İçeren UV-Kürlenebilir Poliüretan-Akrilat Sert Doku Yapıtırıcılarının Geliştirilmesi**  
ATEŞ B., KÖYTEPE S., BALCIOĞLU S., ULU A., Noma S. A. A., Özcan İ.  
23. Biyomedikal Bilim ve Teknoloji Sempozyumu, Türkiye, 15 - 16 Aralık 2018
- XI. **Tikagrelorün Sıçanlarda Kardiyovasküler Üzerinde Yaptığı Değişikliklerin Araştırılması**  
Gülhan B., Ermış N., Günata M., Özhan O., Parlakpinar H., Vardi N., Yıldız A., Ulu A., Ateş B., Yaşar Ş., et al.  
1. Uluslararası Battalgazi Multidisipliner Çalışmalar Kongresi, Türkiye, 7 - 09 Aralık 2018
- XII. **Magnetic Field Enhances Catalytic Activity of L-Asparaginase Conjugated on Fe3O<sub>4</sub>-Chitosan Nanoparticles**  
ATEŞ B., ULU A., KÖYTEPE S., Noma S. A. A., KOLAT V. S., İZGİ T.  
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- XIII. **Preparation of Sericin Based UV-Curing Multifunctional Polyurethane Tissue Adhesives**  
BALCIOĞLU S., ULU A., Noma S. A. A., GÜRSES C., Karaaslan M. G., KÖYTEPE S., ATEŞ B.  
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- XIV. **The in vitro Effects of Silica Nanoparticles on Motility Parameters in Rainbow Trout Sperm Cells**  
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3rd National/1st International Workshop on Gamete Biology in Aquaculture, 19 - 21 Eylül 2018
- XV. **Effects of Silica on the Morphology, Structure and Properties of Starch/Poly(vinyl Pyrrolidone) Blends**  
Noma S. A. A., ULU A., KÖYTEPE S., ATEŞ B.  
VII. Polymer Science and Technology Congress with International Participation, 9 - 12 Eylül 2018
- XVI. **Yapıştırma Süresi Kontrol Edilebilen ve Güçlü Yapıtırıcı Özelliğe Sahip Kollajen İçeren Polimerik Biyoyapıtırıcıların Hazırlanması**  
ATEŞ B., KÖYTEPE S., Karaaslan M. G., BALCIOĞLU S., ULU A.  
VII. Polymer Science and Technology Congress with International Participation, 9 - 12 Eylül 2018
- XVII. **Chloro-Functionalized Magnetic Fe3O<sub>4</sub>@MCM-41 Core-Shell Nanoparticles for Enzyme Immobilization**  
ULU A., Noma S. A. A., KÖYTEPE S., ATEŞ B.  
International Conference on Physical Chemistry and Functional Materials (PCFM'18), 19 - 21 Haziran 2018
- XVIII. **L-Asparaginase Immobilization On Amino Functionalized Fe3O<sub>4</sub>@SiO<sub>2</sub> Magnetic Nanoparticles**  
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- XIX. **Synthesis and Characterization of Isophorone Diisocyanate (IPDI), Gelatin and PEG200-Based Polyurethane-Acrylate Adhesives**  
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- XX. **Surface Modification of MCM-41-Coated Magnetite Nanoparticles for Covalent Immobilization of L-Asnase**  
Karaaslan M. G., BALCIOĞLU S., ULU A., Özcan İ., KÖYTEPE S., ATEŞ B.  
International Participation 6th Pharmaceutical Chemistry: Congress on the Design, Synthesis, Production and Standardization of Drug Active Ingredients, Türkiye, 22 - 25 Mart 2018
- XXI. **Serisin Temelli Poliüretan-Akrilat Sert Doku Yapıştırıcılarının Hazırlanması**  
Karaaslan M. G., BALCIOĞLU S., ULU A., Özcan İ., KÖYTEPE S., ATEŞ B.  
International Participation 6th Pharmaceutical Chemistry: Congress on the Design, Synthesis, Production and Standardization of Drug Active Ingredients, 22 - 25 Mart 2018
- XXII. **Jelatin İçeren Poliüretan-Akrilat Kemik Yapıştırıcılarında Polietilen Glikol (PEG) Moleküller Ağırlığının Yapıştırıcı Güce Etkisi**  
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International Participation 6th Pharmaceutical Chemistry: Congress on the Design, Synthesis, Production and Standardization of Drug Active Ingredients, 22 - 25 Mart 2018
- XXIII. **UV ile Kürlenen Doku Yapıştırıcılarında Çapraz Bağlanma Yoğunluğunun Yapıştırıcı Güce Etkisi**  
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International Participation 6th Pharmaceutical Chemistry: Congress on the Design, Synthesis, Production and Standardization of Drug Active Ingredients, 22 - 25 Mart 2018
- XXIV. **Farklı Oranda Hidroksil Uç Gruba Sahip UV Kürlenebilen Poliüretan Temelli Doku Yapıştırıcılarının Hazırlanması**  
Karaaslan M. G., BALCIOĞLU S., ULU A., Özcan İ., KÖYTEPE S., ATEŞ B.  
International Participation 6th Pharmaceutical Chemistry: Congress on the Design, Synthesis, Production and Standardization of Drug Active Ingredients, 22 - 25 Mart 2018
- XXV. **Preparation, Thermal, Optical and Rheological Properties of PHEMA/BA Composite Hydrogels**  
ULU A., KÖYTEPE S., SARIMEŞELİ PAÇACI A., ATEŞ B.  
29th General Chemistry Congress, Türkiye, 10 - 14 Eylül 2017
- XXVI. **PHEMA/BA Kompozit Hidrojellerinin Hazırlanması, Termal, Optik ve Reolojik Özelliklerinin İncelenmesi**  
ULU A., KÖYTEPE S., SARIMEŞELİ PAÇACI A., ATEŞ B.  
29. Ulusal Kimya Kongresi, Türkiye, 10 - 14 Eylül 2017, ss.201
- XXVII. **Immobilization of L-Asparaginase on Phema/Starch Biocomposite: A Recoverable Biocatalyst For L-Asparagine Removal**  
ULU A., KÖYTEPE S., ATEŞ B.  
SANKO University Innovation in Medicine Summit-3, 11 - 13 Mayıs 2017, ss.66
- XXVIII. **Biyobenzer Tasarımlar İçeren Poliüretan Temelli Doku Yapıştırıcı Dizaynı Ve Uygulaması**  
ATEŞ B., KÖYTEPE S., BALCIOĞLU S., KARAASLAN M. G., ULU A.  
Uluslararası Katılımlı 5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretilimi ve Standardizasyonu Kongresi, 30 Mart 2017
- XXIX. **Immobilization of L-asparaginase onto PMMA Composites Activated with Starch**  
ULU A., KÖYTEPE S., ATEŞ B.  
46th IUPAC World Polymer Congress (MACRO 2016), Türkiye, 17 Temmuz 2016
- XXX. **Preparation, characterization and antibacterial study of PHEMA (soft contact lens) hydrogel incorporated with boric acid**  
ULU A., KESKİN R., BİRHANLI E., BALCIOĞLU S., KÖYTEPE S., ATEŞ B.  
MACRO 2016 - 46th IUPAC WORLD POLYMER CONGRESS, İstanbul, Türkiye, 17 - 21 Temmuz 2016, ss.211-212
- XXXI. **Preparation, characterization and antibacterial study of PHEMA (soft contact lens) hydrogel**

- incorporated with boric acid**  
ULU A., KESKİN R., BİRHANLI E., BALCIOĞLU S., KÖYTEPE S., ATEŞ B.  
MACRO 2016 - 46th IUPAC WORLD POLYMER CONGRESS, İstanbul, Türkiye, 17 - 21 Temmuz 2016, ss.211-212
- XXXII. Preparation, characterization and antibacterial study of PHEMA (soft contact lens) hydrogel incorporated with boric acid**  
ULU A., KESKİN R., BİRHANLI E., BALCIOĞLU S., KÖYTEPE S., ATEŞ B.  
MACRO 2016 - 46th IUPAC WORLD POLYMER CONGRESS, İstanbul, Türkiye, 17 - 21 Temmuz 2016, ss.211-212
- XXXIII. Characterization and Immobilization of L-asparaginase, A Chemotherapeutic Agent, onto pHEMA/starch Biocomposites**  
ULU A., KÖYTEPE S., ATEŞ B.  
European Polymer Congress, 21 - 26 Haziran 2015
- XXXIV. The Effect of Heat-Treatment on Antioxidant Properties of Honey Obtained from Different Region in Turkey**  
Ulu A., Balcioğlu S., Başgel S., KARLIDAĞ S., ERDOĞAN S., ATEŞ B.  
47th IUPAC GENERAL ASSEMBLY, İstanbul, Türkiye, 8 - 15 Ağustos 2013, ss.115-118

## **Desteklenen Projeler**

ULU A., ŞİŞLİOĞLU K., EKEN B., Yükseköğretim Kurumları Destekli Proje, Probiyotik İçeren Nişasta Temelli Elektrogeçirilmiş Nanofiberlerin Hazırlanması ve Karakterizasyonu, 2024 - Devam Ediyor

ATALAY S., KOLAT V. S., ATEŞ B., ULU A., DİK G., Yükseköğretim Kurumları Destekli Proje, Manyetoelektrik ve elektromanyetik nanoparçacıkların üretimi manyetik özelliklerinin incelenmesi ve bunların beyin sinyalini algılamaya yönelik özelliklerinin geliştirilmesi, 2024 - Devam Ediyor

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## **Metrikler**

Yayın: 98  
Atıf (WoS): 1195  
Atıf (Scopus): 1391  
H-İndeks (WoS): 20  
H-İndeks (Scopus): 20