

Asst. Prof. CEM BAYRAM

Personal Information

Office Phone: [+90 312 297 6266](tel:+903122976266)

Fax Phone: [+90 312 297 7354](tel:+903122977354)

Email: cemb@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/cemb>

Address: Hacettepe Üniversitesi Nanoteknoloji ve Nanotıp Anabilim Dalı Eski KOSGEB binası 3.Kat 06800

Education Information

Doctorate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Nanoteknoloji Ve Nanotıp, Turkey 2007 - 2013

Postgraduate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, Turkey 2005 - 2007

Undergraduate, Hacettepe Üniversitesi, Fen Fakültesi, Kimya, Turkey 2000 - 2005

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Ortopedik implantların nanoteknolojik yaklaşımlarla fonksiyonelleştirilmesi, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Nanoteknoloji Ve Nanotıp (Dr), 2013

Postgraduate, Improvement of biocompatibility of the cardiovascular system stents by modification, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 2007

Research Areas

Material science and engineering, Biomaterials, Life Sciences, Biomolecules, Biotechnology, Biomaterial, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Hacettepe University, Fen Bilimleri Enstitüsü, Nanoteknoloji ve Nanotıp A.B.D., 2019 - Continues

Expert, Hacettepe University, Rektörlük-B, İLERİ TEKNOLOJİLER UYGULAMA VE ARAŞTIRMA MERKEZİ, 2014 - 2019

Research Assistant, Aksaray Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2014 - 2014

Research Assistant, Hacettepe University, Fen Bilimleri Enstitüsü, Nanoteknoloji Ve Nanotıp A.B.D., 2009 - 2014

Research Assistant, Aksaray Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2007 - 2009

Courses

NANOPARTİKÜLLER ve BİYOMEDİKAL UYGULAMALARI, Postgraduate, 2019 - 2020, 2020 - 2021

BİYOPOLİMER BAZLI NANOKOMPOZİTLER, Doctorate, 2019 - 2020, 2020 - 2021

Advising Theses

Gökçen D., Bayram C., ODAKLANMIŞ İYON İŞİNİ İLE MEMRİSTÖR ÜRETİM SÜRECİ GELİŞTİRME VE ELEKTRİKSEL KARAKTERİZASYONU, Postgraduate, O.ŞENTÜRK(Student), Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Co-Axial Gyro-Spinning of PCL/PVA/HA Core-Sheath Fibrous Scaffolds for Bone Tissue Engineering**
Mahalingam S., BAYRAM C., GÜLTEKİNOĞLU BAYRAM M., ULUBAYRAM K., Homer-Vanniasinkam S., Edirisinghe M.
MACROMOLECULAR BIOSCIENCE, 2021 (Journal Indexed in SCI)
- II. **Effectiveness of Oil-Layered Albumin Microbubbles Produced Using Microfluidic T-Junctions in Series for In Vitro Inhibition of Tumor Cells**
Khan A. H. , Jiang X., Surwase S., GÜLTEKİNOĞLU BAYRAM M., BAYRAM C., Sathisaran I., Bhatia D., Ahmed J., Wu B., ULUBAYRAM K., et al.
LANGMUIR, vol.36, no.39, pp.11429-11441, 2020 (Journal Indexed in SCI)
- III. **Dual delivery of platelet-derived growth factor and bone morphogenetic factor-6 on titanium surface to enhance the early period of implant osseointegration**
KEÇELİ H. G. , BAYRAM C., Celik E., Ercan N., DEMİRBİLEK M., NOHUTCU R. M.
JOURNAL OF PERIODONTAL RESEARCH, vol.55, no.5, pp.694-704, 2020 (Journal Indexed in SCI)
- IV. **Magnetically Responsive, Sorafenib Loaded Alginate Microspheres for Hepatocellular Carcinoma Treatment**
Alpdemir Ş., Vural T., Kara G., Bayram C., Haberal E., Denkbaş E. B.
IET Nanobiotechnology, no.8, pp.1-8, 2020 (Journal Indexed in SCI Expanded)
- V. **Self-assembled micro-stripe patterning of sessile polymeric nanofluid droplets**
Gultekinoglu M., Jiang X., BAYRAM C., Wu H., ULUBAYRAM K., Edirisinghe M.
JOURNAL OF COLLOID AND INTERFACE SCIENCE, vol.561, pp.470-480, 2020 (Journal Indexed in SCI)
- VI. **Biofabrication of Gelatin Tissue Scaffolds with Uniform Pore Size via Microbubble Assembly**
BAYRAM C., Jiang X., Gultekinoglu M., ÖZTÜRK Ş., ULUBAYRAM K., Edirisinghe M.
MACROMOLECULAR MATERIALS AND ENGINEERING, vol.304, no.11, 2019 (Journal Indexed in SCI)
- VII. **Gel network comprising UV crosslinked PLGA-b-PEG-MA nanoparticles for ibuprofen topical delivery**
EROĞLU İ., Gultekinoglu M., BAYRAM C., Erikci A., Ciftci S. Y. , AKSOY E. A. , ULUBAYRAM K.
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.24, no.9, pp.1144-1154, 2019 (Journal Indexed in SCI)
- VIII. **Chondrogenesis of human mesenchymal stem cells by microRNA loaded triple polysaccharide nanoparticle system**
Celik E., BAYRAM C., Denkbaş E. B.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.102, pp.756-763, 2019 (Journal Indexed in SCI)
- IX. **Porous polyurethane film fabricated via the breath figure approach for sustained drug release**
Daban G., BAYRAM C., Bozdogan B., DENKBAŞ E. B.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.136, no.25, 2019 (Journal Indexed in SCI)
- X. **Development of Titania Nanotube-based Electrochemical Immunosensor and Determination of Prostate Specific Antigen**
KIZILTAN D., VURAL T., BAYRAM C., OZTURK S., BOZDOGAN B., YAMAN Y. T. , ABACI S., DENKBAŞ E. B.
ANALYTICAL SCIENCES, vol.34, no.7, pp.789-794, 2018 (Journal Indexed in SCI)
- XI. **Honeycomb-like PLGA-?-PEG Structure Creation with T-Junction Microdroplets**
GÜLTEKİNOĞLU M., Jiang X., BAYRAM C., ULUBAYRAM K., Edirisinghe M.
LANGMUIR, vol.34, no.27, pp.7989-7997, 2018 (Journal Indexed in SCI)
- XII. **Dual release behavior of atorvastatin and alpha-lipoic acid from PLGA microspheres for the combination therapy in peripheral nerve injury**
EROĞLU H., Haidar M. K. , NEMUTLU E., ÖZTÜRK Ş., BAYRAM C., ULUBAYRAM K., ÖNER L.

- JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.39, pp.455-466, 2017 (Journal Indexed in SCI)
- XIII. **The effect of thymoquinone coating on adhesive properties of polypropylene mesh**
Aydin O, Aydinuraz K, Agalar F, Sahiner I. T. , Agalar C., BAYRAM C., DENKBAŞ E. B. , Atasoy P.
BMC SURGERY, vol.17, 2017 (Journal Indexed in SCI)
- XIV. **The effect of calcium chloride concentration on alginate/Fmoc-diphenylalanine hydrogel networks**
ÇELİK E., BAYRAM C., Akcapinar R., Turk M., DENKBAŞ E. B.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.66, pp.221-229, 2016
(Journal Indexed in SCI)
- XV. **Calcified and mechanically debilitated three-dimensional hydrogel environment induces hypertrophic trend in chondrocytes**
Celik E., BAYRAM C., Akcapinar R., Turk M., DENKBAŞ E. B.
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.31, no.5, pp.498-512, 2016 (Journal Indexed in SCI)
- XVI. **Magnetically based nanocarriers in drug delivery**
DENKBAŞ E. B. , ÇELİK E., ERDAL E., Kavaz D., AKBAL VURAL Ö., KARA G., BAYRAM C.
NANOBIOMATERIALS IN DRUG DELIVERY: APPLICATIONS OF NANOBIOMATERIALS, VOL 9, vol.9, pp.285-331,
2016 (Journal Indexed in SCI)
- XVII. **Tissue engineering applications and nanobiomaterials in periodontology and implant dentistry**
KEÇELİ H. G. , AKMAN A. C. , BAYRAM C., NOHUTCU R. M.
NANOBIOMATERIALS IN DENTISTRY: APPLICATIONS OF NANOBIOMATERIALS, VOL 11, pp.337-387, 2016 (Journal Indexed in SCI)
- XVIII. **Silk fibroin/nylon-6 blend nanofilter matrix for copper removal from aqueous solution**
yalçın e., Gedikli S., ÇABUK A., KARAHALİLOĞLU Z., DEMİR BİLEK M., BAYRAM C., ŞAM M., SAĞLAM N., DENKBAŞ E. B.
CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY, vol.17, no.4, pp.921-934, 2015 (Journal Indexed in SCI)
- XIX. **Titania nanotubes with adjustable dimensions for drug reservoir sites and enhanced cell adhesion**
CALISKAN N., BAYRAM C., ERDAL E., KARAHALILOGLU Z., DENKBAŞ E. B.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.35, pp.100-105, 2014
(Journal Indexed in SCI)
- XX. **Osteoblast response on co-modified titanium surfaces via anodization and electrospinning**
BAYRAM C., DEMİR BİLEK M., YALCIN E., Bozkurt M., Dogan M., DENKBAŞ E. B.
APPLIED SURFACE SCIENCE, vol.288, pp.143-148, 2014 (Journal Indexed in SCI)
- XXI. **Electrohydrodynamic Printing of Silk Fibroin**
BAYRAM C., Ahmad Z., DENKBAŞ E. B. , Stride E., Edirisinghe M. J.
MACROMOLECULAR RESEARCH, vol.21, no.4, pp.339-342, 2013 (Journal Indexed in SCI)
- XXII. **Osteoblast Activity on Anodized Titania Nanotubes: Effect of Simulated Body Fluid Soaking Time**
BAYRAM C., DEMİR BİLEK M., CALISKAN N., Demirbilek M. E. , DENKBAŞ E. B.
JOURNAL OF BIOMEDICAL NANOTECHNOLOGY, vol.8, no.3, pp.482-490, 2012 (Journal Indexed in SCI)
- XXIII. **Fabrication of Biomaterials via Controlled Protein Bubble Generation and Manipulation**
Ekemen Z., Chang H., Ahmad Z., BAYRAM C., Rong Z., DENKBAŞ E. B. , Stride E., Vadgama P., Edirisinghe M.
BIOMACROMOLECULES, vol.12, no.12, pp.4291-4300, 2011 (Journal Indexed in SCI)
- XXIV. **Carbon nanotube-chitosan modified disposable pencil graphite electrode for Vitamin B-12 analysis**
KURALAY F., VURAL T., BAYRAM C., DENKBAŞ E. B. , ABACI S.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.87, no.1, pp.18-22, 2011 (Journal Indexed in SCI)
- XXV. **Preparation and physical/electrochemical characterization of carbon nanotube-chitosan modified pencil graphite electrode**
VURAL T., KURALAY F., BAYRAM C., ABACI S., DENKBAŞ E. B.
APPLIED SURFACE SCIENCE, vol.257, no.2, pp.622-627, 2010 (Journal Indexed in SCI)
- XXVI. **In vitro biocompatibility of plasma-aided surface-modified 316L stainless steel for intracoronary stents**
BAYRAM C., Mizrak A. K. , Akturk S., KURSAKLIOGLU H., IYISOY A., IFRAN A., DENKBAŞ E. B.
BIOMEDICAL MATERIALS, vol.5, no.5, 2010 (Journal Indexed in SCI)

- XXVII. **Preparation and characterization of triamcinolone acetonide-loaded poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) (PHBHx) microspheres**
BAYRAM C., DENKBAŞ E. B. , Kilicay E., Hazer B., CAKMAK H. B. , NODA I.
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.23, no.4, pp.334-347, 2008 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Alleviating the toxicity concerns of antibacterial cinnamon-polycaprolactone biomaterials for healthcare-related biomedical applications**
Ahmed J., GÜLTEKİNOĞLU BAYRAM M., BAYRAM C., KART D., ULUBAYRAM K., Edirisinghe M.
MEDCOMM, vol.2, no.2, pp.236-246, 2021 (Journal Indexed in ESCI)
- II. **PROLIFERATION OF MC3T3-E1 OSTEOBLASTIC CELLS AFTER SEQUENTIAL RELEASE OF PDGF AND BMP-6. AN IN VITRO STUDY**
KEÇELİ H. G. , BAYRAM C., ERCAN N., TÜRK M., ARAT E., NOHUTCU R. M.
Clinical Dentistry and Research, vol.41, no.3, pp.95-105, 2017 (Other Refereed National Journals)
- III. **Preparation and Characterization of Polyhydroxybutyrate Scaffolds to be Used in Tissue Engineering Applications**
GÜVEN E., DEMİR BİLEK M., SAĞLAM N., KARAHALİLOĞLU Z., ERDAL E., BAYRAM C., DENKBAŞ E. B.
Hacettepe Journal of Biology and Chemistry, vol.4, pp.305-311, 2008 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **İlaç Salan Titanyum İmplantlar: Güncel Durum ve Gelecek Beklentileri**
Bayram C.
in: İleri Biyomalzemeler: Biyomalzeme ve Nanomalzeme Uygulamaları, Filiz Kuralay, Editor, Palme Yayın Dağıtım, Ankara, pp.221-232, 2018
- II. **Magnetically based nanocarriers in drug delivery**
DENKBAŞ E. B. , ÇELİK E., ERDAL E., KAVAZ D., AKBAL O., KARA G., BAYRAM C.
in: Nanobiomaterials in Drug Delivery, , Editor, Elsevier, pp.285-331, 2016
- III. **CHAPTER 13: Tissue engineering applications and nanotechnology in periodontology and implant dentistry.**
KEÇELİ H. G. , BAYRAM C., AKMAN A. C. , NOHUTCU R. M.
in: Nanotechnology in Dentistry Applications of Nanobiomaterials, Grumezescu Alexander, Editor, ELSEVIER, Amsterdam, pp.337-364, 2016
- IV. **Nanotechnology in Sports Medicine**
BAYRAM C., IŞIKLI C., DENKBAŞ E. B.
in: Sports Injuries Prevention Diagnosis Treatment and Rehabilitation, Mahmut Nedim Doral; Jon Karlsson, Editor, Springer, pp.3195-3202, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **GLYCEROLDIALDEHYDE-CARBOXYMETHYL CHITOSANHYDROGELS WITH SELF-HEALING ABILITY**
BAYRAM C., ERDAL E., KILIÇAY E., KAVAZ D.
24th Biomedical Science and Technology Symposium (BIOMED2019), 17 - 20 October 2019
- II. **Microbubble generation via T-junction microfluidics as a versatile tool for the fabrication of highly uniform porous biomaterials**
GÜLTEKİNOĞLU M., Xinyue J., BAYRAM C., ÖZTÜRK Ş., ULUBAYRAM K., Edirisinghe M.
24th International Biomedical Science and Technology Symposium, İzmir, Turkey, 17 - 20 October 2019

- III. **Mikroakışkan Sistemler ile PLGA-b-PEG Kopolimerlerinin Gözenekli Film ve Nanopartikül Formunda Desenlenmesi**
GÜLTEKİNOĞLU M., Xinyue J., BAYRAM C., ULUBAYRAM K., Edirisinghe M.
23. Biyomedikal Bilim ve Teknoloji Sempozyumu, Turkey, 15 - 16 December 2018
- IV. **Yüzey işlemlerinin yumuşak astar ve akrilik resinin bağlanma dayanımına etkisi**
ÜNVER S., YILDIRIM BİÇER A. Z., MEŞE A., BAYRAM C., DENKBAŞ E. B.
Türk Dişhekimleri Birliği 24. Uluslararası Dişhekimliği Kongresi, Ankara, Turkey, 27 - 30 September 2018
- V. **The Effect of Ibuprofen Loaded nanogel Formulations on Collagen Synthesis**
EROĞLU İ., GÜLTEKİNOĞLU M., YABANOĞLU ÇİFTÇİ S., ERİKÇİ A., BAYRAM C., AKSOY E. A., ULUBAYRAM K.
19th International Pharmaceutical Technology Symposium (IPTS), Antalya, Turkey, 17 - 19 September 2018
- VI. **Nefes Figürü Metoduyla Gözenekli Poliüretan Biyomalzeme Geliştirilmesi**
Daban G., BAYRAM C., DENKBAŞ E. B.
19. ULUSAL BİYOTEKNOLOJİ KONGRESİ ULUSLARARASI KATILIMLI, Eskişehir, Turkey, 1 - 03 December 2017
- VII. **KARACIĞER KANSERİ TEŞHİS VE TEDAVİSİ İÇİN ALJİNAT BAZLI MANYETİK ALANA DUYARLI KEMOEMBOLİK AJANLARIN GELİŞTİRİLMESİ**
ALPDEMİR Ş., KARA G., BAYRAM C., DENKBAŞ E. B.
19. Uluslararası Katılımlı Ulusal Biyoteknoloji Kongresi, Eskişehir, Turkey, 1 - 03 December 2017
- VIII. **Drug delivery for neuroprotection: Opportunities and challenges**
EROĞLU H., TÜRKOĞLU Ö. F., SARGON M. F., HAİDAR M. K., DEMİRBOLAT G. M., ÖZTÜRK Ş., BAYRAM C., NEMUTLU E., ULUBAYRAM K., ÇAKIR AKTAŞ C., et al.
3rd International Multidisciplinary Symposium on Drug Research and Development, 5 - 07 October 2017
- IX. **Development of multi-layered fused hydrogel structures for the complete mimicry of articular cartilage**
ÇELİK E., BAYRAM C., DENKBAŞ E. B.
28th European Conference on Biomaterials, Atina, Greece, 4 - 08 September 2017
- X. **Drug delivery applications for neuroprotection: Nanoparticles, nanofibers, microparticles**
EROĞLU H., TÜRKOĞLU Ö. F., SARGON M. F., HAİDAR M. K., DEMİRBOLAT G. M., ÖZTÜRK Ş., BAYRAM C., NEMUTLU E., ULUBAYRAM K., ÖNER L.
3rd International Congress of the Greek Local Chapter of the Controlled Release Society, 19 - 20 June 2017
- XI. **Fabrication of Chitosan-Gold Nanoparticle Modified Titania Nanotube Electrodes**
Kızıltan D., VURAL T., ÖZTÜRK S., BAYRAM C., DENKBAŞ E. B.
Global Biotechnology Congress, Boston, United States Of America, 9 - 14 June 2017
- XII. **Formulation of Plga b peg Nanoparticles as Nanogel Networks for Dermal Drug Delivery**
EROĞLU İ., GÜLTEKİNOĞLU M., BAYRAM C., AKSOY E. A., ULUBAYRAM K.
18th International Pharmaceutical Technology Symposium, 18 - 21 September 2016
- XIII. **Porous Thermoplastic Polyurethane Films by Breath Figure Approach**
DABAN G., BAYRAM C., DEMİRBİLEK M., DENKBAŞ E. B.
MACRO 2016 WORLD POLYMER CONGRESS, 17 - 21 July 2016
- XIV. **Investigation of Biomolecule Release Behaviours From Titanium Surfaces with Controllable Porosity**
BAYRAM C.
Nanotech France 2016 International Conference and Exhibition, 1 - 03 June 2016
- XV. **UV Crosslinkable PLGA b PEG Nanoparticle Integrated Gel Networks for Topical Drug Delivery**
GÜLTEKİNOĞLU M., EROĞLU İ., BAYRAM C., AKSOY E. A., ULUBAYRAM K.
Nanotech France 2016 Conference and Exhibition, Paris, France, 1 - 03 June 2016
- XVI. **UV crosslinkable PLGA b PEG Nanoparticle Integrated Gel Networks for Topical Drug Delivery**
GÜLTEKİNOĞLU M., EROĞLU İ., BAYRAM C., AKSOY E. A., ULUBAYRAM K.
Nanotech France 2016 International Conference and Exhibition, 1 - 03 June 2016
- XVII. **UV Crosslinkable PLGA b PEG Nanoparticle Integrated Gel Networks for Topical Drug Delivery**
GÜLTEKİNOĞLU M., EROĞLU İ., BAYRAM C., AKSOY E. A., ULUBAYRAM K.
2nd Edition of Nanotech France 2016 International Conference & Exhibition NANOTECH FRANCE 2016, France, 1 - 03 June 2016

- XVIII. **Effect of Alginate Incorporated Fmoc-FF Hydrogels on Chondrocyte Behaviour**
ÇELİK E. E. , BAYRAM C., Akcapinar R., Turk M., DENKBAŞ E. B.
4th TERMIS World Congress, Massachusetts, United States Of America, 8 - 11 September 2015, vol.21
- XIX. **Nanoplatforms for Detection, Remediation and Protection Against Chem-Bio Warfare Nanoplatforms Against Chem-Bio Warfare**
DENKBAŞ E. B. , BAYRAM C., Kavaz D., Cirak T., DEMİRBİLEK M.
Conference on Technological Innovations in Detection and Sensing of Chemical, Biological, Radiological, Nuclear Threats and Ecological Terrorism, Chisinau, Moldova, 6 - 17 June 2010, pp.191-203
- XX. **PREPARATION OF MAGNETIC CHITOSAN NANOPARTICLES FOR DIVERSE BIOMEDICAL APPLICATIONS**
Kavaz D., Cirak T., ÖZTÜRK E., BAYRAM C., DENKBAŞ E. B.
NATO Advanced Study Institute on Functionalized Nanoscale Materials, Devices and Systems for Chem-Bio Sensors, Photonics and Energy Generation and Storage, Sinaia, Romania, 4 - 15 June 2007, pp.313-320

Supported Projects

- ÖZTÜRK S. C. , BAYRAM C., YAZICI G., ELİBOL E. A. , ESENDAĞLI G., Project Supported by Higher Education Institutions, Meme kanserinde tedavi direncinin üç-boyutlu sferoid hücre ko-kültürlerinde sınanması ve çıkarımsal matematik model geliştirilmesi, 2019 - Continues
- BAYRAM C., KARAOSMANOĞLU B., Project Supported by Higher Education Institutions, Eş boyutta gözenekli jelatin nanohidroksiapatit doku iskelelerinin mikroakışkan biyofabrikasyonu ve dental pulpa kök hücrelerinin osteojenik farklılaşmasına etkisi, 2019 - 2021
- BAYRAM C., Yaman Y. T. , Öztürk S., ÇELİK E., VURAL T., Project Supported by Higher Education Institutions, Titanyum Dioksit Nanotüp Dizilerine Sahip Titanyum Yüzeylerinin Üretimi ve Elektroanalitik Biyosensör Uygulamaları, 2017 - 2019
- BAYRAM C., Project Supported by Higher Education Institutions, Yeni Nesil Mikrobaloncuk Teknolojisi ile Biyouyumlu Poliüretan Doku İskelelerinin Üretilmesi, 2017 - 2018
- BAYRAM C., KAVAZ D., Öztürk S., GÜLTEKİNOĞLU M., Project Supported by Higher Education Institutions, Yüzeyden Başlangıçlı Polimerizasyon ile Titanyum Yüzeylerde Çift Kutuplu Fosforilkolin Temelli Fırça Tipli Polimer Zincirlerinin Eldesi Karakterizasyonu ve Mineralizasyona Etkisi, 2017 - 2018
- VURAL T., ÇELİK E., BAYRAM C., DENKBAŞ E. B. , Project Supported by Higher Education Institutions, Artiküler kırkırdak taklitçisi istiflenmiş hidrojel yapılarının kondrosit farklılaşmasına etkisinin araştırılması, 2016 - 2018
- DEMİRBİLEK M., BAYRAM C., Project Supported by Higher Education Institutions, Octadecanamide nanopartiküllerin'nin sitotoksitesisi, 2016 - 2017
- BAYRAM C., VURAL T., Project Supported by Higher Education Institutions, Kontrol Edilebilir Poröziteye Sahip Titanyum Metal Yüzeylerden Biyolojik Molekül Salm Kinetiğinin İncelenmesi, 2015 - 2016
- DENKBAŞ E. B. , BAYRAM C., ÇELİK E., Project Supported by Higher Education Institutions, Kırkırdak dokusunun takliti için üç boyutlu in vitro hidrojel modellerinin geliştirilmesi, 2015 - 2016
- ÇELİKBIÇAK Ö., DENKBAŞ E. B. , BAYRAM C., AYDIN DEDE E. E. , Project Supported by Higher Education Institutions, İleri Teknolojilerde Ticarileşme Stratejileri, 2015 - 2015
- BAYRAM C., TUBITAK Project, Kardiyovasküler Sistem Hastalıklarında Kullanılan Stentlerin Modifikasyon ve Karakterizasyonu, 2006 - 2007

Tasks In Event Organizations

Bayram C., 24th Biomedical Science and Technology Symposium, Scientific Congress, İzmir, Turkey, Ekim 2019

Mobility Activity

Bilateral Colloboration Agreement, Post Doc, University of London-University College London, England, 2017 - 2018

Faculty Training Programme, Research During Graduate Education, University of London-University College London, England, 2011 - 2011

Citations

Total Citations (WOS):329

h-index (WOS):10