

## Prof. Dr. UFUK GÜNDÜZ

### Kişisel Bilgiler

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### Biyografi

Prof. Dr. Ufuk Gündüz works as a professor (retired, 2018) of Molecular Biology and Genetics in Middle East Technical University, Biological Sciences Department. Her research subjects are Cancer molecular biology, drug resistance, anti-cancer drug targeting by using polymeric nanoparticles.

Another line of research of Dr. Gündüz is related to Biohydrogen production by photosynthetic bacteria. Dr. Gündüz' s scientific publications are cited more than 4700 times in international journals.

### Eğitim Bilgileri

Doktora, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Biyolojik Bilimler Bölümü, Türkiye 1975 - 1980

Yüksek Lisans, Iowa State University, Amerika Birleşik Devletleri 1973 - 1975

Lisans, Iowa State University, Kimya Mühendisliği, Amerika Birleşik Devletleri 1968 - 1970

### Yaptığı Tezler

Doktora, Study of Isoacceptors of tRNAs During Chicken Development, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Biyolojik Bilimler Bölümü, 1980

Yüksek Lisans, The properties of xylanase from *Aspergillus niger*, Iowa State University, 1975

### Araştırma Alanları

Sağlık Bilimleri, Temel Bilimler

### Akademik Unvanlar / Görevler

Prof. Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, 1990 - Devam Ediyor

### Akademik İdari Deneyim

Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, 1996 - 2002

Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Biyoteknoloji (YI) (Tezli), 1991 - 1992

Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Biyolojik Bilimler Bölümü, 1988 - 1991

## Yönetilen Tezler

- EROĞLU İ., GÜNDÜZ U., Immobilization of bacteriorhodopsin on synthetic membrane, Yüksek Lisans, V.Sediroğlu(Öğrenci), Devam Ediyor
- GÜNDÜZ U., Palbosiklibin 2 ve 3 boyutlu hücre kültürleri ve doksorubisin dirençliliği üzerindeki etkileri, Yüksek Lisans, G.Damla(Öğrenci), 2020
- GÜNDÜZ U., Kemoterapötiklere dirençte 15-LOX-1 enziminin rolü, Doktora, H.Hüseyin(Öğrenci), 2020
- GÜNDÜZ U., Investigation of the role of programmed cell death 10 (PDCD10) protein in multidrug resistance, Doktora, Ç.URFALI(Öğrenci), 2018
- Bayramoğlu T. H., Gündüz U., Investigating the effects of operational parameters on photofermentation in batch and semi-batch reactors and the applications of photofermentation in multi-stage energy systems, Yüksek Lisans, M.CAN(Öğrenci), 2018
- MUTLU P., GÜNDÜZ U., Targeted co-delivery of doxorubicin and TPGS to breast cancer cells by PLGA coated magnetic nanoparticles, Yüksek Lisans, E.METİN(Öğrenci), 2017
- GÜNDÜZ U., Targeted delivery of CpG-oligodeoxynucleotide to breast cancer cells by poly-amidoamine dendrimer-modified magnetic nanoparticles, Doktora, N.TAGHAVİ(Öğrenci), 2016
- GÜNDÜZ U., MUTLU P., NEK6'nın K-562 ve MCF-7 hücre hatlarında çoklu ilaç dirençliliği ve apoptozdaki işlevleri., Yüksek Lisans, A.Nabioğlu(Öğrenci), 2015
- GÜNDÜZ U., The roles of protein kinase D2 in chemoresistant breast cancer cell lines, Yüksek Lisans, A.ALPSOY(Öğrenci), 2014
- GÜNDÜZ U., Synthesis and characterization of polyethylene glycol coated magnetic nanoparticles and their use for anti-cancer drug delivery, Yüksek Lisans, M.ERDEM(Öğrenci), 2014
- GÜNDÜZ U., Synthesis and characterization of polymeric magnetic nanoparticles loaded by gemcitabine, Yüksek Lisans, M.PARSİAN(Öğrenci), 2014
- GÜNDÜZ U., Metastatic behaviour of doxorubicin resistant MCF-7 breast cancer cells after vimentin silencing, Yüksek Lisans, O.TEZCAN(Öğrenci), 2013
- GÜNDÜZ U., Reversal of multidrug resistance in MCF-7 breast adenocarcinoma cell line by silencing interleukin 6 with RNA interference, Yüksek Lisans, N.ÇAKMAK(Öğrenci), 2013
- GÜNDÜZ U., THE PREPARATION AND CHARACTERIZATION OF DENDRIMER COATED MAGNETIC NANOPARTICLES FOR TARGETED CANCER THERAPY, Doktora, R.KHODADUST(Öğrenci), 2013
- GÜNDÜZ U., The synthesis and characterization of doxorubicin and bortezomib loaded magnetic nanoparticles for targeting tumor cells, Doktora, G.ÜNSOY(Öğrenci), 2013
- GÜNDÜZ U., Reversal of breast cancer resistance protein mediated multidrug resistance in MCF7 breast adenocarcinoma cell line, Yüksek Lisans, Ç.URFALI(Öğrenci), 2012
- GÜNDÜZ U., Preparation of polyethylene glycol coated magnetic nanoparticles for targeting of cancer cells, Yüksek Lisans, T.KESKİN(Öğrenci), 2012
- GÜNDÜZ U., Synthesis of Poly(dl-lactic-co-glycolic acid) coated magnetic nanoparticles for anti-cancer drug delivery, Yüksek Lisans, G.TANSIK(Öğrenci), 2012
- GÜNDÜZ U., Hydrogen and poly-beta hydroxy butyric acid production and expression analyses of related genes in Rhodobacter capsulatus at different acetate concentrations, Yüksek Lisans, B.ÖZSOY(Öğrenci), 2012
- GÜNDÜZ U., Reversal of paclitaxel resistance in MCF-7 cell line by a chemical modulator elacridar, Yüksek Lisans, E.ÇİĞDEM(Öğrenci), 2012
- GÜNDÜZ U., Genome wide variation analysis of formalin fixed paraffin embedded pulmonary metastatic tumor samples of osteosarcoma patients, Yüksek Lisans, Z.NİL(Öğrenci), 2012
- GÜNDÜZ U., Investigation of telomerase activity and gene expression in colorectal cancer, Yüksek Lisans, A.İZGİ(Öğrenci), 2012
- GÜNDÜZ U., Photofermentative hydrogen production using dark fermentation effluent of sugar beet thick juice by Rhodobacter capsulatus, Yüksek Lisans, E.ÖZKAN(Öğrenci), 2011
- GÜNDÜZ U., Rhodobacter Capsulatus'ta sıcaklık ve ışık yoğunluğunun hücre üremesi, hidrojen üretimi ve organik asit kullanımına etkilerinin kinetik yöntemle incelenmesi., Yüksek Lisans, P.Sevinç(Öğrenci), 2010
- GÜNDÜZ U., Reversal of multidrug resistance by small interfering RNAs (siRNA) in doxorubicin resistant MCF-7 breast

cancer cells, Yüksek Lisans, Y.DÖNMEZ(Öğrenci), 2010

GÜNDÜZ U., Deletion mutation of GlnB and GlnK genes in rhodobacter capsulatus to enhance biohydrogen production, Yüksek Lisans, G.PEKGÖZ(Öğrenci), 2010

GÜNDÜZ U., Kinetic analyses of the effects of temperature and light intensity on growth, hydrogen production and organic acid utilization by rhodobacter capsulatus, Yüksek Lisans, P.SEVİNÇ(Öğrenci), 2010

GÜNDÜZ U., Development and investigation of etoposide resistance in MCF-7 breast cancer cell line, Yüksek Lisans, E.KAPLAN(Öğrenci), 2010

GÜNDÜZ U., Differential gene expression analysis in drug resistant multiple myeloma cell lines, Doktora, P.MUTLU(Öğrenci), 2009

GÜNDÜZ U., Investigation of docetaxel and doxorubicin resistance in MCF-7 breast carcinoma cell line, Doktora, Ö.DARCANSOY(Öğrenci), 2009

GÜNDÜZ U., Poly (DL-lactic-co-glycolic acid) microparticles and synthetic peptide drug conjugate for anti-cancer drug delivery, Yüksek Lisans, G.PETEK(Öğrenci), 2009

GÜNDÜZ U., Improvement of biohydrogen production by genetic manipulations in Rhodobacter sphaeroides O.U.001, Doktora, G.KARS(Öğrenci), 2008

GÜNDÜZ U., Expression analysis of nitrogenase genes in Rhodobacter sphaeroides O.U.001 grown under different physiological conditions, Yüksek Lisans, S.AKKÖSE(Öğrenci), 2008

GÜNDÜZ U., Molecular mechanisms of vincristine and paclitaxel resistance in MCF-7 cell line, Doktora, M.DEMİREL(Öğrenci), 2008

GÜNDÜZ U., Synthesis and characterization of fatty acid based hyperbranched polymers for anti-cancer drug delivery, Yüksek Lisans, E.GÜÇ(Öğrenci), 2008

GÜNDÜZ U., Investigation of telomerase activity in diagnosis of endometrial and cervical cancer, Yüksek Lisans, U.ESKİOCAK(Öğrenci), 2007

GÜNDÜZ U., Development of helical tubular reactor for hydrogen producing photosynthetic bacteria, Yüksek Lisans, S.SARI(Öğrenci), 2007

GÜNDÜZ U., Preparation and evaluation of polymer based microcarriers for hydrophobic anti-cancer drugs, Yüksek Lisans, D.DEMETÇİ(Öğrenci), 2007

GÜNDÜZ U., Multidrug resistance mechanisms in imatinib resistant human chronic myeloid leukemia cells, Doktora, Y.BARAN(Öğrenci), 2006

GÜNDÜZ U., Biological hydrogen production from olive mill wastewater and its applications to bioremediation, Doktora, E.EROĞLU(Öğrenci), 2006

GÜNDÜZ U., Preparation and characterization of poly (D, L-lactide-co-glycolide) microspheres for controlled release of anticancer drugs, Yüksek Lisans, G.EYÖVGE(Öğrenci), 2005

GÜNDÜZ U., Lokal ileri evre meme kanserinde çoklu ilaç dirençliliği, Doktora, M.Can(Öğrenci), 2004

GÜNDÜZ U., Transcriptional analysis of hydrogenase genes in Rhodobacter sphaeroides O.U.001, Yüksek Lisans, N.DOĞRUSÖZ(Öğrenci), 2004

GÜNDÜZ U., Multidrug resistance in locally advanced breast, Doktora, M.CAN(Öğrenci), 2004

GÜNDÜZ U., Controlled release systems for anticancer drugs and drug targeting in cancer therapy, Doktora, A.MUVAFFAK(Öğrenci), 2003

GÜNDÜZ U., Expression of multidrug resistance associated protein (MRP) in doxorubicin selected HL-60 cell line, Yüksek Lisans, B.GÜR(Öğrenci), 2002

EROĞLU İ., GÜNDÜZ U., Hydrogen production from olive mill wastewater by rhodobacter sphaeroides o.u.001., Yüksek Lisans, E.Eroğlu(Öğrenci), 2002

EROĞLU İ., GÜNDÜZ U., Hydrogen production by rhodobacter sphaeroides O.U.001 in a solar bioreactor., Yüksek Lisans, A.Tabanoğlu(Öğrenci), 2002

GÜNDÜZ U., Expression of MDR1 gene in HL60 selected with vincristine., Yüksek Lisans, Y.Baran(Öğrenci), 2002

GÜNDÜZ U., Identification of polymorphisms in multidrug resistance gene in leukemia patients, Yüksek Lisans, P.KAYA(Öğrenci), 2002

GÜNDÜZ U., Hydrogen production from olive mill wastewater by Rhodobacter sphaeroides O. U. 001, Yüksek Lisans, E.EROĞLU(Öğrenci), 2002

GÜNDÜZ U., Expression of MDR 1 gene in HL 60 cells selected with vincristine, Yüksek Lisans, Y.BARAN(Öğrenci), 2002

GÜNDÜZ U., Hydrogen production by Rhodobacter sphaeroides in a solar bioreactor, Yüksek Lisans, A.TABANOĞLU(Öğrenci), 2002

GÜNDÜZ U., Drug resistance mediated by MRP gene in breast cancer, Yüksek Lisans, D.ÖGAN(Öğrenci), 2002

GÜNDÜZ U., Drug resistance mediated by MRP gene in breast cancer., Yüksek Lisans, O.Demir(Öğrenci), 2002

GÜNDÜZ U., Hydrogen metabolism and factors affecting hydrogen production in rhodobacter sphaeroides, Yüksek Lisans, H.KOKU(Öğrenci), 2001

GÜNDÜZ U., Investigation of polyhydroxybutyrate (PHB) production by rhodobacter sphaeroides O.U.001, Yüksek Lisans, D.SULUDERE(Öğrenci), 2001

GÜNDÜZ U., Multidrug resistance in chronic lymphocytic leukemia, Yüksek Lisans, S.Şimşek(Öğrenci), 2000

GÜNDÜZ U., Multidrug resistance in chronic lymphocytic leukemia, Yüksek Lisans, S.ŞİMŞEK(Öğrenci), 2000

GÜNDÜZ U., Southern analysis of Torula thermophila genome for the multiplicity of cellulase genes, Yüksek Lisans, Ş.BETÜL(Öğrenci), 2000

GÜNDÜZ U., Purification and characterization of bacteriocins produced by pediococcus acidilactici and pediococcus pentosaceus, Doktora, Ö.OSMANAĞAOĞLU(Öğrenci), 1999

GÜNDÜZ U., Identification of hydrogenase from rhodobacter species and hydrogen gas production in photobioreactors, Yüksek Lisans, S.TÜRKARSLAN(Öğrenci), 1999

GÜNDÜZ U., Characterization of Aspergillus oryzae transformed with a plasmid carrying a-Amylase gene, Yüksek Lisans, G.Tolun(Öğrenci), 1999

GÜNDÜZ U., Purification and characterization of bacteriocins produced by pediococcus acidilactici and pediococcus pentosaceus, Doktora, Ö.Osmanağaoğlu(Öğrenci), 1999

GÜNDÜZ U., Photoproduction of hydrogen from wastewater of a sugar refinery by rhodobacter sphaeroides O.U. 001, Yüksek Lisans, M.YETİŞ(Öğrenci), 1999

GÜNDÜZ U., Characterization of Aspergillus oryzae transformed with a plasmid carrying alfa-amylase gene, Yüksek Lisans, G.TOLUN(Öğrenci), 1999

GÜNDÜZ U., Identification of by-products in hydrogen producing bacteria; Rhodobacter sphaeroides O.U. 001 grown in waste water of a sugar refinery, Yüksek Lisans, D.Özgür(Öğrenci), 1999

GÜNDÜZ U., Identification of by products in hydrogen producing bacteria Rhodobascter sphaeradies OU 001 grown in waste water of a sugar refinery, Yüksek Lisans, D.ÖZGÜR(Öğrenci), 1999

GÜNDÜZ U., Determination of parental origin in trisomy 21. by use of polymorphisms, Yüksek Lisans, B.ANAR(Öğrenci), 1998

GÜNDÜZ U., Detection of the immunoglobulin heavy chain gene rearrangements in b-cell lymphoma by using polymerase chain reaction, Yüksek Lisans, M.Güven(Öğrenci), 1998

GÜNDÜZ U., PCR based, isolation, cloning on expression of streptokinase gene from a group c streptococcus equisimilis in e.coli, Doktora, F.ROOHVAND(Öğrenci), 1998

GÜNDÜZ U., PCR-based isolation, cloning and expression of streptokinase gene from a group C streptococcus equisimilis in E.Coli, Doktora, F.Roohvand(Öğrenci), 1998

GÜNDÜZ U., Isolation and characterization of leuconostoc species from Turkish kashar cheese, Yüksek Lisans, B.ÖDEN(Öğrenci), 1998

EROĞLU İ., GÜNDÜZ U., Continuous hydrogen production by Rhodobacter sphaeroides O.U.001, Yüksek Lisans, K.Aslan(Öğrenci), 1998

GÜNDÜZ U., Determination of parental origin in trisomy 21 by use of STR polymorphism, Yüksek Lisans, B.Anar(Öğrenci), 1998

GÜNDÜZ U., Detection of the immunoglobulin heavy chain gene rearrangements in B-cell lymphoma by using polymerase chain reaction, Yüksek Lisans, M.GÜVEN(Öğrenci), 1998

GÜNDÜZ U., The functions of cyclin-dependent kinase inhibitors p16(INK4a) and p15(INK4b) in human osteosarcomas., Doktora, U.Aytaç(Öğrenci), 1996

GÜNDÜZ U., Increase of alpha amylase production of aspergillus oryzae by electroporation, Yüksek Lisans, Y.Ünal(Öğrenci), 1996

GÜNDÜZ U., The Functions of cycun-ependet kinase inhibitors p16INK4a and p15INK4b in human osteosarcomas, Doktora, U.AYTAÇ(Öğrenci), 1996

GÜNDÜZ U., Increase of alpha amylase production of aspergillus oryzae by electroporation, Yüksek Lisans,

V.ÜNAL(Öğrenci), 1996  
EROĞLU İ., GÜNDÜZ U., Production of hydrogen by rhodobacter sphaeroides O.U. 001, Yüksek Lisans, T.ARIK(Öğrenci), 1995  
GÜNDÜZ U., Production of hydrogen by rhodobacter sphaenoides O,U 001, Yüksek Lisans, T.ARIK(Öğrenci), 1995  
GÜNDÜZ U., Detection of the gene rearrangements in chronic myelocytic leukemia and B-cell lymphoma by RNA and DNA based techniques, Doktora, E.Eren(Öğrenci), 1995  
GÜNDÜZ U., Isolation identification and characterization of non-starter microorganisms from Turkish kasher cheese, Yüksek Lisans, Ö.Aydın(Öğrenci), 1995  
GÜNDÜZ U., Detection of the gene rearrangments in chronik myelorytic leukomsa and B-coll lymphoma by RNA and DNA based techniques, Doktora, E.EREN(Öğrenci), 1995  
GÜNDÜZ U., Isolation, identification, and characterization of three nisin-producing strains of lactococcus lactis subsp. lactis from raw milk, Yüksek Lisans, B.Samara(Öğrenci), 1994  
GÜNDÜZ U., Isolation identification and characterization of three nisin producing strains of lactococcus lactis subsp. lactic from raw milk, Yüksek Lisans, B.SAMARA(Öğrenci), 1994  
GÜNDÜZ U., Partial purification and characterization of B-galactosidase from streptococcus thermophilus strain RSKK 667, Yüksek Lisans, R.Rejaee(Öğrenci), 1993  
GÜNDÜZ U., Identification, characterization and subcellular localization of salt induced proteins in rice (Oryza sativa L.), Doktora, S.MOHAMMAD(Öğrenci), 1993  
GÜNDÜZ U., Partial purification and characterization of beta-galactosidase from streptococcus thermophilus strain RSKK 667, Yüksek Lisans, R.REJAE(Öğrenci), 1993  
GÜNDÜZ U., Transformation of saccharomyces cerevisiae with a shuttle vector plasmid DNA from E.Coli by electroporation, Yüksek Lisans, F.ROUHVAND(Öğrenci), 1992  
GÜNDÜZ U., Partial characterization of three lactococcus (Streptococcus) lactis ssp.lactis strains for lactose utilization, Yüksek Lisans, M.NOKHBEH(Öğrenci), 1991  
GÜNDÜZ U., Purification and characterization of M2-type kinase isozyme from human meningioma., Doktora, A.Awsat(Öğrenci), 1991  
GÜNDÜZ U., Q nucleoside levels of tRNAs in meningiomas and astrocytomas, Yüksek Lisans, U.AYTAÇ(Öğrenci), 1991  
GÜNDÜZ U., Transformation of Streptococcus thermophilus with plasmid DNA by electroporation, Yüksek Lisans, I.NERGİZ(Öğrenci), 1991  
GÜNDÜZ U., Purification and characterization of m2-type pyruvate kinase isozyme from human meningioma, Doktora, A.AWSAT(Öğrenci), 1991  
GÜNDÜZ U., Transformation of E. coli by electroporation, Yüksek Lisans, E.EREN(Öğrenci), 1990  
GÜNDÜZ U., Studies on tRNA from human cancers., Yüksek Lisans, M.Candaş(Öğrenci), 1988  
GÜNDÜZ U., Studies on transfer RNA from human cancers, Yüksek Lisans, M.CANDAŞ(Öğrenci), 1988  
GÜNDÜZ G., GÜNDÜZ U., Trypsin immobilization on porous styrene-maleic anhydride copolymer., Yüksek Lisans, S.Shaghghi(Öğrenci), 1988

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

- I. **Differential synergistic effects of palbociclib and doxorubicin on doxorubicin-resistant cancer cells with diverse tumor origins**  
Yalcin G. D., MUTLU P., Kazan H. H., GÜNDÜZ U.  
Journal of Chemotherapy, 2024 (SCI-Expanded)
- II. **Investigation of the Therapeutic Effects of Palbociclib Conjugated Magnetic Nanoparticles on Different Types of Breast Cancer Cell Lines**  
Parsian M., MUTLU P., Taghavi Pourianazar N., Yalcin Azarkan S., GÜNDÜZ U.  
Cellular and Molecular Bioengineering, cilt.16, sa.2, ss.143-157, 2023 (SCI-Expanded)
- III. **Development of a microfluidic platform to maintain viability of micro-dissected tumor slices in culture**  
Parsian M., MUTLU P., YILDIRIM E., Ildiz C., ÖZEN C., GÜNDÜZ U.

Biomicrofluidics, cilt.16, sa.3, 2022 (SCI-Expanded)

- IV. **A microfluidic device enabling drug resistance analysis of leukemia cells via coupled dielectrophoretic detection and impedimetric counting**  
Demircan Yalçın Y., Töral T. B., Sukas S., YILDIRIM E., Zorlu Ö., Gündüz U., KÜLAH H.  
Scientific Reports, cilt.11, sa.1, 2021 (SCI-Expanded)
- V. **Topical delivery of heparin from PLGA nanoparticles entrapped in nanofibers of sericin/gelatin scaffolds for wound healing**  
Basaran D. D. A., GÜNDÜZ U., TEZCANER A., KESKİN D.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, cilt.597, 2021 (SCI-Expanded)
- VI. **15-LOX-1 has diverse roles in the resensitization of resistant cancer cell lines to doxorubicin**  
Kazan H. H., Urfali-Mamatoglu C., Yalcin G. D., Bulut O., Sezer A., BANERJEE S., GÜNDÜZ U.  
JOURNAL OF CELLULAR PHYSIOLOGY, cilt.235, sa.5, ss.4965-4978, 2020 (SCI-Expanded)
- VII. **Poly (I:C)- and doxorubicin-loaded magnetic dendrimeric nanoparticles affect the apoptosis-related gene expressions in MCF-7 cells**  
Khodadust R., Alpsoy A., Unsoy G., GÜNDÜZ U.  
TURKISH JOURNAL OF BIOLOGY, cilt.44, sa.4, ss.133-144, 2020 (SCI-Expanded)
- VIII. **Characterization of Gemcitabine Loaded Polyhydroxybutyrate Coated Magnetic Nanoparticles for Targeted Drug Delivery**  
Parsian M., MUTLU P., Yalcin S., GÜNDÜZ U.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, cilt.20, sa.10, ss.1233-1240, 2020 (SCI-Expanded)
- IX. **Fomes fomentarius and Tricholoma anatolicum (Agaricomycetes) Extracts Exhibit Significant Multiple Drug-Resistant Modulation Activity in Drug-Resistant Breast Cancer Cells**  
DOĞAN H. H., Kars M. D., Ozdemir O., GÜNDÜZ U.  
INTERNATIONAL JOURNAL OF MEDICINAL MUSHROOMS, cilt.22, sa.2, ss.105-114, 2020 (SCI-Expanded)
- X. **Magnetic Fe<sub>3</sub>O<sub>4</sub>-chitosan micro- and nanoparticles for wastewater treatment**  
ŞAHBAZ D. A., YAKAR A., GÜNDÜZ U.  
PARTICULATE SCIENCE AND TECHNOLOGY, cilt.37, sa.6, ss.728-736, 2019 (SCI-Expanded)
- XI. **Long-term stable hydrogen production from acetate using immobilized Rhodobacter capsulatus in a panel photobioreactor**  
Elkahlout K., Sagir E., Alipour S., KOKU H., GÜNDÜZ U., Eroglu I., Yucel M.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.44, sa.34, ss.18801-18810, 2019 (SCI-Expanded)
- XII. **Comparative chromosomal microarray analysis of doxorubicin-resistant MCF7 cells**  
Kazan H. H., Urfali-Mamatoglu C., Karahan P. C., Kayhan G., Gunduz U.  
FEBS OPEN BIO, cilt.9, ss.101-102, 2019 (SCI-Expanded)
- XIII. **ALOX15 participates in re-sensitization of doxorubicin resistance in MCF7 and HeLa cells by re-organizing cell membrane, inducing apoptosis and regulating intracellular redox states**  
Kazan H. H., Urfali-Mamatoglu C., Yalcin G. D., Sezer A., Gunduz U.  
FEBS OPEN BIO, cilt.9, ss.131, 2019 (SCI-Expanded)
- XIV. **Exploring the relationship between cytoplasmic ion content variation and multidrug resistance in cancer cells via ion-release based impedance spectroscopy**  
Demircan Yalçın Y., Sukas S., Töral T. B., Gündüz U., Külah H.  
Sensors and Actuators, B: Chemical, cilt.290, ss.180-187, 2019 (SCI-Expanded)
- XV. **Transcriptome analysis of Rhodobacter capsulatus grown on different nitrogen sources**  
Erkal N. A., Eser M. G., Ozgur E., GÜNDÜZ U., EROĞLU İ., Yucel M.  
ARCHIVES OF MICROBIOLOGY, cilt.201, sa.5, ss.661-671, 2019 (SCI-Expanded)
- XVI. **Hydrogen and poly-beta-hydroxybutyric acid production at various acetate concentrations using Rhodobacter capsulatus DSM 1710**  
Demiriz B. O., Kars G., Yucel M., EROĞLU İ., GÜNDÜZ U.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.44, sa.32, ss.17269-17277, 2019 (SCI-Expanded)
- XVII. **Dual function of programmed cell death 10 (PDCD10) in drug resistance**  
Urfali-Mamatoglu C., Kazan H. H., GÜNDÜZ U.

- BIOMEDICINE & PHARMACOTHERAPY, cilt.101, ss.129-136, 2018 (SCI-Expanded)
- XVIII. Smart Drug Delivery Systems in Cancer Therapy**  
ÜNİSOY G., GÜNDÜZ U.  
CURRENT DRUG TARGETS, cilt.19, sa.3, ss.202-212, 2018 (SCI-Expanded)
- XIX. DETERMINATION OF THE RELATIONSHIP BETWEEN DOXORUBICIN RESISTANCE AND WNT SIGNALING PATHWAY IN HELA AND K562 CELL LINES**  
MUTLU P., Azarkan S. Y., Pourianazar N. T., Yucel M., GÜNDÜZ U.  
EXCLI JOURNAL, cilt.17, ss.386-398, 2018 (SCI-Expanded)
- XX. Folic acid functionalized PEG coated magnetic nanoparticles for targeting anti-cancer drug delivery: Preparation, characterization and cytotoxicity on Doxorubicin, Zoledronic acid and Paclitaxel resistant MCF-7 breast cancer cell lines**  
Keskin T., Yalcin S., GÜNDÜZ U.  
INORGANIC AND NANO-METAL CHEMISTRY, cilt.48, sa.2, ss.150-159, 2018 (SCI-Expanded)
- XXI. Co-delivery of Doxorubicin and D-alpha-Tocopherol Polyethylene Glycol 1000 Succinate by Magnetic Nanoparticles**  
Metin E., MUTLU P., GÜNDÜZ U.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, cilt.18, sa.8, ss.1138-1147, 2018 (SCI-Expanded)
- XXII. Single-stage photofermentative biohydrogen production from sugar beet molasses by different purple non-sulfur bacteria**  
Sagir E., Ozgur E., GÜNDÜZ U., Eroglu I., YÜCEL A. M.  
BIOPROCESS AND BIOSYSTEMS ENGINEERING, cilt.40, sa.11, ss.1589-1601, 2017 (SCI-Expanded)
- XXIII. Dark fermentative hydrogen production from sucrose and molasses**  
TUNÇAY E. G., ERGÜDER T. H., EROĞLU İ., GÜNDÜZ U.  
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, cilt.41, sa.13, ss.1891-1902, 2017 (SCI-Expanded)
- XXIV. Iron metabolism and drug resistance in cancer**  
Kazan H. H., Urfali-Mamatoglu C., GÜNDÜZ U.  
BIOMETALS, cilt.30, sa.5, ss.629-641, 2017 (SCI-Expanded)
- XXV. Scale-up studies for stable, long-term indoor and outdoor production of hydrogen by immobilized Rhodobacter capsulatus**  
Sagir E., ALIPOUR S., ELKAHLOUT K., KOKU H., GÜNDÜZ U., Eroglu I., YUCEL M.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.42, sa.36, ss.22743-22755, 2017 (SCI-Expanded)
- XXVI. Folic acid-conjugated polyethylene glycol-coated magnetic nanoparticles for doxorubicin delivery in cancer chemotherapy: Preparation, characterization and cytotoxicity on HeLa cell line**  
ERDEM M., Yalcin S., GÜNDÜZ U.  
HUMAN & EXPERIMENTAL TOXICOLOGY, cilt.36, sa.8, ss.833-845, 2017 (SCI-Expanded)
- XXVII. Long-term biological hydrogen production by agar immobilized Rhodobacter capsulatus in a sequential batch photobioreactor**  
Elkahlout K., Alipour S., Eroglu I., GÜNDÜZ U., YÜCEL A. M.  
BIOPROCESS AND BIOSYSTEMS ENGINEERING, cilt.40, sa.4, ss.589-599, 2017 (SCI-Expanded)
- XXVIII. Half generations magnetic PAMAM dendrimers as an effective system for targeted gemcitabine delivery**  
PARSIAN M., MUTLU P., Yalcin S., TEZCANER A., GÜNDÜZ U.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, cilt.515, ss.104-113, 2016 (SCI-Expanded)
- XXIX. Changes in apoptosis-related gene expression and cytokine release in breast cancer cells treated with CpG-loaded magnetic PAMAM nanoparticles**  
Pourianazar N. T., GÜNDÜZ U.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, cilt.515, ss.11-19, 2016 (SCI-Expanded)
- XXX. Loading of Gemcitabine on chitosan magnetic nanoparticles increases the anti-cancer efficacy of the drug**  
PARSIAN M., ÜNSOY G., MUTLU P., Yalcin S., TEZCANER A., GÜNDÜZ U.  
EUROPEAN JOURNAL OF PHARMACOLOGY, cilt.784, ss.121-128, 2016 (SCI-Expanded)

- XXXI. **Effects of doxorubicin-loaded dextran coated magnetic nanoparticles: on gene and protein expression profile of p53, survivin and bcl-2 in doxorubicin sensitive/resistant MCF-7 cell lines**  
Yalcin S, Onguru O, GÜNDÜZ U.  
EUROPEAN JOURNAL OF CANCER, cilt.61, 2016 (SCI-Expanded)
- XXXII. **APOBEC3B expression in drug resistant MCF-7 breast cancer cell lines**  
Onguru O, Yalcin S, Rosemblit C, Zhang P. J., Kilic S., GÜNDÜZ U.  
BIOMEDICINE & PHARMACOTHERAPY, cilt.79, ss.87-92, 2016 (SCI-Expanded)
- XXXIII. **CpG oligodeoxynucleotide- loaded PAMAM dendrimer-coated magnetic nanoparticles promote apoptosis in breast cancer cells**  
Pourianazar N. T., GÜNDÜZ U.  
BIOMEDICINE & PHARMACOTHERAPY, cilt.78, ss.81-91, 2016 (SCI-Expanded)
- XXXIV. **Targeted silencing of Survivin in cancer cells by siRNA loaded chitosan magnetic nanoparticles**  
ÜNİSOY G., GÜNDÜZ U.  
EXPERT REVIEW OF ANTICANCER THERAPY, cilt.16, sa.7, ss.789-797, 2016 (SCI-Expanded)
- XXXV. **An update on molecular biology and drug resistance mechanisms of multiple myeloma**  
MUTLU P., Kiraz Y., GÜNDÜZ U., BARAN Y.  
CRITICAL REVIEWS IN ONCOLOGY HEMATOLOGY, cilt.96, sa.3, ss.413-424, 2015 (SCI-Expanded)
- XXXVI. **Association between XRCC3 Thr241Met polymorphism and laryngeal cancer susceptibility in Turkish population**  
MUTLU P., Mutlu M., Yalcin S., Yaylaci A., Unsoy G., Saylam G., Akm I., GÜNDÜZ U., Korkmaz H.  
EUROPEAN ARCHIVES OF OTO-RHINO-LARYNGOLOGY, cilt.272, sa.12, ss.3779-3784, 2015 (SCI-Expanded)
- XXXVII. **Hydrogen production by hup(-) mutant and wild-type strains of Rhodobacter capsulatus from dark fermentation effluent of sugar beet thick juice in batch and continuous photobioreactors**  
Uyar B., Gurgan M., Ozgur E., GÜNDÜZ U., YÜCEL A. M., Eroglu I.  
BIOPROCESS AND BIOSYSTEMS ENGINEERING, cilt.38, sa.10, ss.1935-1942, 2015 (SCI-Expanded)
- XXXVIII. **Characterization of the distribution of rotational torque on electrorotation chips with 3D electrodes**  
Bahrieh G., Ozgur E., Koyuncuoglu A., ERDEM M., GÜNDÜZ U., KÜLAH H.  
ELECTROPHORESIS, cilt.36, sa.15, ss.1785-1794, 2015 (SCI-Expanded)
- XXXIX. **Transcriptional Profiling of Hydrogen Production Metabolism of Rhodobacter capsulatus under Temperature Stress by Microarray Analysis**  
Gurgan M., Erkal N. A., Ozgur E., GÜNDÜZ U., Eroglu I., YÜCEL A. M.  
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, cilt.16, sa.6, ss.13781-13797, 2015 (SCI-Expanded)
- XL. **Protein kinase D2 silencing reduced motility of doxorubicin-resistant MCF7 cells**  
Alpsoy A., GÜNDÜZ U.  
TUMOR BIOLOGY, cilt.36, sa.6, ss.4417-4426, 2015 (SCI-Expanded)
- XLI. **Synthesis of Magnetic Fe<sub>3</sub>O<sub>4</sub>-Chitosan Nanoparticles by Ionic Gelation and Their Dye Removal Ability**  
ŞAHBAZ D. A., YAKAR A., GÜNDÜZ U.  
WATER ENVIRONMENT RESEARCH, cilt.87, sa.5, ss.425-436, 2015 (SCI-Expanded)
- XLII. **Label-free detection of multidrug resistance in K562 cells through isolated 3D-electrode dielectrophoresis**  
Demircan Y., Koyuncuoglu A., ERDEM M., Ozgur E., GÜNDÜZ U., KÜLAH H.  
ELECTROPHORESIS, cilt.36, ss.1149-1157, 2015 (SCI-Expanded)
- XLIII. **Investigation of the effects of initial substrate and biomass concentrations and light intensity on photofermentative hydrogen gas production by Response Surface Methodology**  
Akman M. C., ERGUDER T. H., GÜNDÜZ U., EROĞLU İ.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.40, sa.15, ss.5042-5049, 2015 (SCI-Expanded)
- XLIV. **Detection of XRCC1 gene polymorphisms in Turkish head and neck squamous cell carcinoma patients: a comparative analysis with different populations**  
MUTLU P., Mutlu M., Yalcin S., Unsoy G., Yaylaci A., Saylam G., Akin I., Korkmaz H., GÜNDÜZ U.  
JOURNAL OF BUON, cilt.20, sa.2, ss.540-547, 2015 (SCI-Expanded)



- XLV. Magnetite: From Synthesis to Applications**  
Unsoy G., GÜNDÜZ U., Oprea O., Fikai D., Sonmez M., Radulescu M., Alexie M., Fikai A.  
CURRENT TOPICS IN MEDICINAL CHEMISTRY, cilt.15, sa.16, ss.1622-1640, 2015 (SCI-Expanded)
- XLVI. Synthesis and Characterization of Polyhydroxybutyrate Coated Magnetic Nanoparticles: Toxicity Analyses on Different Cell Lines**  
Yalcin S., Khodadust R., Unsoy G., Garip I. C., Mumcuoglu Z. D., GÜNDÜZ U.  
SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, cilt.45, sa.5, ss.700-708, 2015 (SCI-Expanded)
- XLVII. Polyhydroxybutyrate-Coated Magnetic Nanoparticles for Doxorubicin Delivery: Cytotoxic Effect Against Doxorubicin-Resistant Breast Cancer Cell Line**  
Yalcin S., Unsoy G., MUTLU P., Khodadust R., GÜNDÜZ U.  
AMERICAN JOURNAL OF THERAPEUTICS, cilt.21, sa.6, ss.453-461, 2014 (SCI-Expanded)
- XLVIII. Development of poly (I:C) modified doxorubicin loaded magnetic dendrimer nanoparticles for targeted combination therapy**  
Khodadust R., Unsoy G., GÜNDÜZ U.  
BIOMEDICINE & PHARMACOTHERAPY, cilt.68, sa.8, ss.979-987, 2014 (SCI-Expanded)
- XLIX. Synthesis of Doxorubicin loaded magnetic chitosan nanoparticles for pH responsive targeted drug delivery**  
ÜNİSOY G., Khodadust R., Yalcin S., MUTLU P., GÜNDÜZ U.  
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.62, ss.243-250, 2014 (SCI-Expanded)
- L. Telomere 1 (POT1) gene expression and its association with telomerase activity in colorectal tumor samples with different pathological features**  
Izgi A., Gunal A., Yalcin S., GÜNDÜZ U.  
BIOMEDICINE & PHARMACOTHERAPY, cilt.68, sa.7, ss.841-846, 2014 (SCI-Expanded)
- LI. Different Types of Cell Cycle- and Apoptosis-Related Gene Expressions Alter in Corticosteroid-, Vincristine-, and Melphalan-Resistant U-266 Multiple Myeloma Cell Lines**  
MUTLU P., Ural A. U., GÜNDÜZ U.  
TURKISH JOURNAL OF HEMATOLOGY, cilt.31, sa.3, ss.231-238, 2014 (SCI-Expanded)
- LII. Effect of gemcitabine and retinoic acid loaded PAMAM dendrimer-coated magnetic nanoparticles on pancreatic cancer and stellate cell lines**  
Yalcin S., Erkan M., Unsoy G., Parsian M., Kleeff J., GÜNDÜZ U.  
BIOMEDICINE & PHARMACOTHERAPY, cilt.68, sa.6, ss.737-743, 2014 (SCI-Expanded)
- LIII. Idarubicin-loaded folic acid conjugated magnetic nanoparticles as a targetable drug delivery system for breast cancer**  
GÜNDÜZ U., Keskin T., Tansik G., MUTLU P., Yalcin S., Unsoy G., YAKAR A., Khodadust R., Gunduz G.  
BIOMEDICINE & PHARMACOTHERAPY, cilt.68, sa.6, ss.729-736, 2014 (SCI-Expanded)
- LIV. Chitosan magnetic nanoparticles for pH responsive Bortezomib release in cancer therapy**  
ÜNİSOY G., Yalcin S., Khodadust R., MUTLU P., Onguru O., GÜNDÜZ U.  
BIOMEDICINE & PHARMACOTHERAPY, cilt.68, sa.5, ss.641-648, 2014 (SCI-Expanded)
- LV. Etoposide resistance in MCF-7 breast cancer cell line is marked by multiple mechanisms**  
Alpsoy A., Yasa S., GÜNDÜZ U.  
BIOMEDICINE & PHARMACOTHERAPY, cilt.68, sa.3, ss.351-355, 2014 (SCI-Expanded)
- LVI. Vimentin silencing effect on invasive and migration characteristics of doxorubicin resistant MCF-7 cells**  
Tezcan O., GÜNDÜZ U.  
BIOMEDICINE & PHARMACOTHERAPY, cilt.68, sa.3, ss.357-364, 2014 (SCI-Expanded)
- LVII. Bioapplications of poly(amidoamine) (PAMAM) dendrimers in nanomedicine**  
Pourianazar N. T., MUTLU P., GÜNDÜZ U.  
JOURNAL OF NANOPARTICLE RESEARCH, cilt.16, sa.4, 2014 (SCI-Expanded)
- LVIII. Optimization of temperature and light intensity for improved photofermentative hydrogen production using Rhodobacter capsulatus DSM 1710**

- ANDROGA D. D., SEVİNÇ P., KOKU H., Yucel M., GÜNDÜZ U., Eroglu I.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.39, sa.6, ss.2472-2480, 2014 (SCI-Expanded)
- LIX. **Assessment of effects of multi drug resistance on dielectric properties of K562 leukemic cells using electrorotation**  
Bahrieh G., ERDEM M., Ozgur E., GÜNDÜZ U., KÜLAH H.  
RSC ADVANCES, cilt.4, sa.85, ss.44879-44887, 2014 (SCI-Expanded)
- LX. **Tailoring magnetic PLGA nanoparticles suitable for doxorubicin delivery**  
Tansik G., YAKAR A., GÜNDÜZ U.  
JOURNAL OF NANOPARTICLE RESEARCH, cilt.16, sa.1, 2013 (SCI-Expanded)
- LXI. **Preparation and evaluation of polymer based microcarriers for all-trans-retinoic acid**  
Daskin D., GÜNDÜZ U.  
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, cilt.18, sa.5, ss.1017-1025, 2013 (SCI-Expanded)
- LXII. **Polyinosinic: polycytidylic acid loading onto different generations of PAMAM dendrimer-coated magnetic nanoparticles**  
Khodadust R., MUTLU P., Yalcin S., Unsoy G., GÜNDÜZ U.  
JOURNAL OF NANOPARTICLE RESEARCH, cilt.15, sa.8, 2013 (SCI-Expanded)
- LXIII. **Tailoring the magnetic behavior of polymeric particles for bioapplications**  
YAKAR A., Tansik G., Keskin T., GÜNDÜZ U.  
JOURNAL OF POLYMER ENGINEERING, cilt.33, sa.3, ss.265-274, 2013 (SCI-Expanded)
- LXIV. **PAMAM dendrimer-coated iron oxide nanoparticles: synthesis and characterization of different generations**  
Khodadust R., Unsoy G., Yalcin S., Gunduz G., GÜNDÜZ U.  
JOURNAL OF NANOPARTICLE RESEARCH, cilt.15, sa.3, 2013 (SCI-Expanded)
- LXV. **Paclitaxel Resistance in MCF-7/Pac Cell Line is Reversed Successfully by Saikosaponin A and Saikosaponin D**  
DEMİREL KARS M., KARS G., GÜNDÜZ U.  
UHOD-ULUSLARARASI HEMATOLOJİ-ONKOLOJİ DERGİSİ, cilt.23, sa.4, ss.227-232, 2013 (SCI-Expanded)
- LXVI. **Biohydrogen production by Rhodobacter capsulatus Hup(-) mutant in pilot solar tubular photobioreactor**  
Boran E., Ozgur E., Yucel M., GÜNDÜZ U., EROĞLU İ.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.37, sa.21, ss.16437-16445, 2012 (SCI-Expanded)
- LXVII. **Kinetic analysis of photosynthetic growth, hydrogen production and dual substrate utilization by Rhodobacter capsulatus**  
Sevinc P., GÜNDÜZ U., EROĞLU İ., Yucel M.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.37, sa.21, ss.16430-16436, 2012 (SCI-Expanded)
- LXVIII. **Synthesis optimization and characterization of chitosan-coated iron oxide nanoparticles produced for biomedical applications**  
Unsoy G., Yalcin S., Khodadust R., GÜNDÜZ G., GÜNDÜZ U.  
JOURNAL OF NANOPARTICLE RESEARCH, cilt.14, sa.11, 2012 (SCI-Expanded)
- LXIX. **Amelioration of photofermentative hydrogen production from molasses dark fermenter effluent by zeolite-based removal of ammonium ion**  
Androga D. D., Ozgur E., EROĞLU İ., GÜNDÜZ U., Yucel M.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.37, sa.21, ss.16421-16429, 2012 (SCI-Expanded)
- LXX. **Differential oncogene-related gene expressions in myeloma cells resistant to prednisone and vincristine**  
MUTLU P., Ural A. U., GÜNDÜZ U.  
BIOMEDICINE & PHARMACOTHERAPY, cilt.66, sa.7, ss.506-511, 2012 (SCI-Expanded)
- LXXI. **Photobiological hydrogen production from sugar beet molasses**  
Sagir E., Ozgur E., GÜNDÜZ U., Eroglu I., Yucel M.  
NEW BIOTECHNOLOGY, cilt.29, 2012 (SCI-Expanded)
- LXXII. **Biohydrogen production by Rhodobacter capsulatus in solar tubular photobioreactor on thick juice**

**dark fermenter effluent**

Boran E., Ozgur E., Yucel M., GÜNDÜZ U., Eroglu I.

JOURNAL OF CLEANER PRODUCTION, cilt.31, ss.150-157, 2012 (SCI-Expanded)

- LXXIII. **Apoptotic Effects of Resveratrol, a Grape Polyphenol, on Imatinib-Sensitive and Resistant K562 Chronic Myeloid Leukemia Cells**  
Can G., Cakir Z., Kartal M., GÜNDÜZ U., BARAN Y.  
ANTICANCER RESEARCH, cilt.32, sa.7, ss.2673-2678, 2012 (SCI-Expanded)
- LXXIV. **Two different docetaxel resistant MCF-7 sublines exhibited different gene expression pattern**  
Iseri O. D., Kars M. D., GÜNDÜZ U.  
MOLECULAR BIOLOGY REPORTS, cilt.39, sa.4, ss.3505-3516, 2012 (SCI-Expanded)
- LXXV. **Differential gene expression analysis related to extracellular matrix components in drug-resistant RPMI-8226 cell line**  
MUTLU P., Ural A. U., GÜNDÜZ U.  
BIOMEDICINE & PHARMACOTHERAPY, cilt.66, sa.3, ss.228-231, 2012 (SCI-Expanded)
- LXXVI. **Expression analysis of TOP2A, MSH2 and MLH1 genes in MCF7 cells at different levels of etoposide resistance**  
Kaplan E., GÜNDÜZ U.  
BIOMEDICINE & PHARMACOTHERAPY, cilt.66, sa.1, ss.29-35, 2012 (SCI-Expanded)
- LXXVII. **Photofermentative hydrogen production using dark fermentation effluent of sugar beet thick juice in outdoor conditions**  
Ozkan E., Uyar B., Ozgur E., Yucel M., Eroglu I., GÜNDÜZ U.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.37, sa.2, ss.2044-2049, 2012 (SCI-Expanded)
- LXXVIII. **Hydrogen production properties of Rhodobacter capsulatus with genetically modified redox balancing pathways**  
Ozturk Y., Gokce A., Peksel B., Gurgan M., Ozgur E., GÜNDÜZ U., Eroglu I., Yucel M.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.37, sa.2, ss.2014-2020, 2012 (SCI-Expanded)
- LXXIX. **Significance of carbon to nitrogen ratio on the long-term stability of continuous photofermentative hydrogen production**  
Androga D. D., Ozgur E., Eroglu I., GÜNDÜZ U., Yucel M.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.36, sa.24, ss.15583-15594, 2011 (SCI-Expanded)
- LXXX. **Targeting glucosylceramide synthase sensitizes imatinib-resistant chronic myeloid leukemia cells via endogenous ceramide accumulation**  
BARAN Y., Bielawski J., GÜNDÜZ U., Ogretmen B.  
JOURNAL OF CANCER RESEARCH AND CLINICAL ONCOLOGY, cilt.137, sa.10, ss.1535-1544, 2011 (SCI-Expanded)
- LXXXI. **Effect of inactivation of genes involved in ammonium regulation on the biohydrogen production of Rhodobacter capsulatus**  
Pekgoz G., GÜNDÜZ U., Eroglu I., Yucel M., Kovacs K., Rakhely G.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.36, sa.21, ss.13536-13546, 2011 (SCI-Expanded)
- LXXXII. **Biohydrogen production in an outdoor panel photobioreactor on dark fermentation effluent of molasses**  
Avcioglu S. G., Ozgur E., Eroglu I., Yucel M., GÜNDÜZ U.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.36, sa.17, ss.11360-11368, 2011 (SCI-Expanded)
- LXXXIII. **Effect of cobalt-60 (gamma radiation) on multidrug-resistant multiple myeloma cell lines**  
MUTLU P., BARAN Y., Ural A. U., Avcu F., Dirican B., Beyzadeoglu M., GÜNDÜZ U.  
CELL BIOLOGY INTERNATIONAL, cilt.35, sa.7, ss.721-725, 2011 (SCI-Expanded)
- LXXXIV. **Effect of iron and molybdenum addition on photofermentative hydrogen production from olive mill wastewater**  
Eroglu E., GÜNDÜZ U., Yucel M., Eroglu I.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.36, sa.10, ss.5895-5903, 2011 (SCI-Expanded)
- LXXXV. **A microarray based expression profiling of paclitaxel and vincristine resistant MCF-7 cells**  
DEMİREL KARS M., Iseri O. D., GÜNDÜZ U.

- EUROPEAN JOURNAL OF PHARMACOLOGY, cilt.657, ss.4-9, 2011 (SCI-Expanded)
- LXXXVI. **Effect of MDR modulators verapamil and promethazine on gene expression levels of MDR1 and MRP1 in doxorubicin-resistant MCF-7 cells**  
Donmez Y., Akhmetova L., Iseri O. D., Kars M. D., GÜNDÜZ U.  
CANCER CHEMOTHERAPY AND PHARMACOLOGY, cilt.67, sa.4, ss.823-828, 2011 (SCI-Expanded)
- LXXXVII. **Reversal of multidrug resistance by small interfering RNA (siRNA) in doxorubicin-resistant MCF-7 breast cancer cells**  
Donmez Y., GÜNDÜZ U.  
BIOMEDICINE & PHARMACOTHERAPY, cilt.65, sa.2, ss.85-89, 2011 (SCI-Expanded)
- LXXXVIII. **Drug resistant MCF-7 cells exhibit epithelial-mesenchymal transition gene expression pattern**  
Iseri O. D., Kars M. D., Arpacı F., Atalay C., Pak I., GÜNDÜZ U.  
BIOMEDICINE & PHARMACOTHERAPY, cilt.65, sa.1, ss.40-45, 2011 (SCI-Expanded)
- LXXXIX. **Hydrogen productivity of photosynthetic bacteria on dark fermenter effluent of potato steam peels hydrolysate**  
Afsar N., Ozgur E., Gurgan M., Akkose S., Yucel M., GÜNDÜZ U., Eroglu I.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.36, sa.1, ss.432-438, 2011 (SCI-Expanded)
- XC. **Expression of Multidrug Resistance 1, Lung Resistance Protein and Breast Cancer Resistance Protein Genes in Chronic Leukemias**  
Iseri O. D., Kars M. D., MUTLU P., Avcu F., Ural A. U., GÜNDÜZ U.  
UHOD-ULUSLARARASI HEMATOLOJİ-ONKOLOJİ DERGİSİ, cilt.21, sa.2, ss.92-100, 2011 (SCI-Expanded)
- XCII. **Fatty acid based hyperbranched polymeric nanoparticles for hydrophobic drug delivery**  
Guc E., GÜNDÜZ G., GÜNDÜZ U.  
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, cilt.36, sa.10, ss.1139-1148, 2010 (SCI-Expanded)
- XCIII. **Suppression of STAT5A increases chemotherapeutic sensitivity in imatinib-resistant and imatinib-sensitive K562 cells**  
KOSOVA B., Tezcanlı B., Ekiz H. A., Cakir Z., SELVİ GÜNEL N., Dalmizrak A., Kartal M., GÜNDÜZ U., BARAN Y.  
LEUKEMIA & LYMPHOMA, cilt.51, sa.10, ss.1895-1901, 2010 (SCI-Expanded)
- XCIV. **Drug resistant breast cancer cells overexpress ETS1 gene**  
Kars M. D., Iseri O. D., GÜNDÜZ U.  
BIOMEDICINE & PHARMACOTHERAPY, cilt.64, sa.7, ss.458-462, 2010 (SCI-Expanded)
- XCV. **Towards a super H-2 producer: Improvements in photofermentative biohydrogen production by genetic manipulations**  
KARS G., GÜNDÜZ U.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.35, sa.13, ss.6646-6656, 2010 (SCI-Expanded)
- XCVI. **Photosynthetic bacterial growth and productivity under continuous illumination or diurnal cycles with olive mill wastewater as feedstock**  
Eroglu E., GÜNDÜZ U., Yucel M., Eroglu I.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.35, sa.11, ss.5293-5300, 2010 (SCI-Expanded)
- XCVII. **Drug Resistant MCF-7 Cells have Altered Expression Levels of beta-Tubulin Isoforms and Mutations in TUBB Gene**  
Iseri O. D., Kars M. D., GÜNDÜZ U.  
UHOD-ULUSLARARASI HEMATOLOJİ-ONKOLOJİ DERGİSİ, cilt.20, sa.2, ss.75-83, 2010 (SCI-Expanded)
- XCVIII. **Biohydrogen production by Rhodospirillum rubrum on acetate at fluctuating temperatures**  
Ozgur E., Uyar B., Ozturk Y., Yucel M., GÜNDÜZ U., Eroglu I.  
RESOURCES CONSERVATION AND RECYCLING, cilt.54, sa.5, ss.310-314, 2010 (SCI-Expanded)
- XCVIII. **Gene expression analysis of drug-resistant MCF-7 cells: implications for relation to extracellular matrix proteins**  
Iseri O. D., Kars M. D., Arpacı F., GÜNDÜZ U.  
CANCER CHEMOTHERAPY AND PHARMACOLOGY, cilt.65, sa.3, ss.447-455, 2010 (SCI-Expanded)
- XCIX. **Nilotinib significantly induces apoptosis in imatinib resistant K562 cells with wild-type BCR-ABL, as effectively as in parental sensitive counterparts**

Ekiz H. A., Can G., GÜNDÜZ U., BARAN Y.

HEMATOLOGY, cilt.15, sa.1, ss.33-38, 2010 (SCI-Expanded)

- C. **Biological hydrogen production by Rhodobacter capsulatus in solar tubular photo bioreactor**  
Boran E., Ozgur E., van der Burg J., Yucel M., GÜNDÜZ U., Eroglu I.  
JOURNAL OF CLEANER PRODUCTION, cilt.18, 2010 (SCI-Expanded)
- CI. **Potential use of thermophilic dark fermentation effluents in photofermentative hydrogen production by Rhodobacter capsulatus**  
Ozgur E., Afsar N., de Vrije T., Yucel M., GÜNDÜZ U., Claassen P. A. M., Eroglu I.  
JOURNAL OF CLEANER PRODUCTION, cilt.18, 2010 (SCI-Expanded)
- CII. **Biohydrogen production from beet molasses by sequential dark and photofermentation**  
Ozgur E., Mars A. E., Peksel B., Louwerse A., Yucel M., GÜNDÜZ U., Claassen P. A. M., Eroglu I.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.35, sa.2, ss.511-517, 2010 (SCI-Expanded)
- CIII. **Effects of ammonium ion, acetate and aerobic conditions on hydrogen production and expression levels of nitrogenase genes in Rhodobacter sphaeroides OU001**  
Akkose S., GÜNDÜZ U., Yucel M., Eroglu I.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.34, sa.21, ss.8818-8827, 2009 (SCI-Expanded)
- CIV. **Photofermentative hydrogen production from volatile fatty acids present in dark fermentation effluents**  
Uyar B., Eroglu I., Yucel M., GÜNDÜZ U.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.34, sa.10, ss.4517-4523, 2009 (SCI-Expanded)
- CV. **Comparison of physicochemical characteristics and photofermentative hydrogen production potential of wastewaters produced from different olive oil mills in Western-Anatolia, Turkey**  
Eroglu E., Eroglu I., GÜNDÜZ U., Yucel M.  
BIOMASS & BIOENERGY, cilt.33, sa.4, ss.706-711, 2009 (SCI-Expanded)
- CVI. **Treatment of olive mill wastewater by different physicochemical methods and utilization of their liquid effluents for biological hydrogen production**  
Eroglu E., Eroglu I., GÜNDÜZ U., Yucel M.  
BIOMASS & BIOENERGY, cilt.33, sa.4, ss.701-705, 2009 (SCI-Expanded)
- CVII. **Drug Resistant MCF-7 Cell Lines Also Developed Cross-Resistance to Structurally Unrelated Anticancer Agents**  
Iseri O. D., Kars M. D., Eroglu S., GÜNDÜZ U.  
UHOD-ULUSLARARASI HEMATOLOJİ-ONKOLOJİ DERGİSİ, cilt.19, sa.1, ss.1-8, 2009 (SCI-Expanded)
- CVIII. **Evaluation of hydrogen production by Rhodobacter sphaeroides OU001 and its hupSL deficient mutant using acetate and malate as carbon sources**  
Kars G., GÜNDÜZ U., Yucel M., Rakhely G., Kovacs K. L., Eroglu I.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.34, sa.5, ss.2184-2190, 2009 (SCI-Expanded)
- CIX. **Multidrug Resistance Mediated by MRP1 Gene Overexpression in Breast Cancer Patients**  
Abaan O. D., Mutlu P. K., Baran Y., Atalay C., GÜNDÜZ U.  
CANCER INVESTIGATION, cilt.27, sa.2, ss.201-205, 2009 (SCI-Expanded)
- CX. **Interaction of tomato lectin with ABC transporter in cancer cells: Glycosylation confers functional conformation of P-gp**  
Molnar J., Kars M. D., GÜNDÜZ U., Engi H., Schumacher U., Van Damme E. J., Peumans W. J., Makovitzky J., Gyemant N., Molnar P.  
ACTA HISTOCHEMICA, cilt.111, sa.4, ss.330-334, 2009 (SCI-Expanded)
- CXI. **Role of ABCB1 and ABCC1 Gene Induction on Survival in Locally Advanced Breast Cancer**  
Atalay C., DEMİRKAZIK A., GÜNDÜZ U.  
JOURNAL OF CHEMOTHERAPY, cilt.20, sa.6, ss.734-739, 2008 (SCI-Expanded)
- CXII. **Effect of clay pretreatment on photofermentative hydrogen production from olive mill wastewater**  
Eroglu E., Eroglu I., GÜNDÜZ U., Yucel M.  
BIORESOURTE TECHNOLOGY, cilt.99, sa.15, ss.6799-6808, 2008 (SCI-Expanded)
- CXIII. **Improved hydrogen production by uptake hydrogenase deficient mutant strain of Rhodobacter**

**sphaeroides OU001**

Kars G., GÜNDÜZ U., Rakhely G., Yucel M., Eroglu I., Kovacs K. L.

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.33, sa.12, ss.3056-3060, 2008 (SCI-Expanded)

- CXIV. **Reversal of multidrug resistance by synthetic and natural compounds in drug-resistant MCF-7 cell lines**  
Kars M. D., Iseri O. D., GÜNDÜZ U., Molnar J.  
CHEMOTHERAPY, cilt.54, sa.3, ss.194-200, 2008 (SCI-Expanded)
- CXV. **Effect of doxorubicin on telomerase activity and apoptotic gene expression in doxorubicin-resistant and -sensitive MCF-7 cells**  
Eskiocak U., Iseri O. D., Kars M. D., Bicer A., GÜNDÜZ U.  
CHEMOTHERAPY, cilt.54, sa.3, ss.209-216, 2008 (SCI-Expanded)
- CXVI. **Hydrogen production by Rhodobacter sphaeroides OU001 in a flat plate solar bioreactor**  
Eroglu I., Tabanoglu A., GÜNDÜZ U., Eroglu E., Yucel M.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.33, sa.2, ss.531-541, 2008 (SCI-Expanded)
- CXVII. **Effect of light intensity, wavelength and illumination protocol on hydrogen production in photobioreactors**  
Uyar B., EROĞLU İ., Yucel M., GÜNDÜZ U., Turker L.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.32, sa.18, ss.4670-4677, 2007 (SCI-Expanded)
- CXVIII. **Upregulation of multi drug resistance genes in doxorubicin resistant human acute myelogenous leukemia cells and reversal of the resistance**  
BARAN Y., Guer B., Kaya P., Ural A. U., Avcu F., GÜNDÜZ U.  
HEMATOLOGY, cilt.12, sa.6, ss.511-517, 2007 (SCI-Expanded)
- CXIX. **Mechanisms of cellular resistance to imatinib in human chronic myeloid leukemia cells**  
BARAN Y., Ural A. U., GÜNDÜZ U.  
HEMATOLOGY, cilt.12, sa.6, ss.497-503, 2007 (SCI-Expanded)
- CXX. **In vitro evaluation of zoledronic acid resistance developed in MCF-7 cells**  
Kars M. D., Iseri O. D., Ural A. U., GÜNDÜZ U.  
ANTICANCER RESEARCH, cilt.27, ss.4031-4037, 2007 (SCI-Expanded)
- CXXI. **Alterations of ceramide/sphingosine 1-phosphate rheostat involved in the regulation of resistance to imatinib-induced apoptosis in K562 human chronic myeloid leukemia cells**  
Baran Y., Salas A., Senkal C. E., Gunduz U., Bielawski J., Obeid L. M., Ogretmen B.  
JOURNAL OF BIOLOGICAL CHEMISTRY, cilt.282, sa.15, ss.10922-10934, 2007 (SCI-Expanded)
- CXXII. **Development of rational in vitro models for drug resistance in breast cancer and modulation of MDR by selected compounds**  
Kars M. D., Iseri O. D., Gunduz U., Ural A. U., Arpacı F., Molnar J.  
ANTICANCER RESEARCH, cilt.26, ss.4559-4568, 2006 (SCI-Expanded)
- CXXIII. **Hydrogen gas production by combined systems of Rhodobacter sphaeroides OU001 and Halobacterium salinarum in a photobioreactor**  
Zabut B., El-Kahlout K., Yucel M., Gunduz U., Turker L., Eroglu I.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.31, sa.11, ss.1553-1562, 2006 (SCI-Expanded)
- CXXIV. **Hydrogen production by using Rhodobacter capsulatus mutants with genetically modified electron transfer chains**  
Ozturk Y., Yucel M., Daldal F., Mandaci S., Gunduz U., Turker L., Eroglu I.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.31, sa.11, ss.1545-1552, 2006 (SCI-Expanded)
- CXXV. **Biological hydrogen production from olive mill wastewater with two-stage processes**  
Eroglu E., Eroglu I., Gunduz U., Turker L., Yucel M.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.31, sa.11, ss.1527-1535, 2006 (SCI-Expanded)
- CXXVI. **Hydrogen production and transcriptional analysis of nifD, nifK and hupS genes in Rhodobacter sphaeroides OU001 grown in media with different concentrations of molybdenum and iron**  
Kars G., Gunduz U., Yucel M., Turker L., Eroglu I.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.31, sa.11, ss.1536-1544, 2006 (SCI-Expanded)

- CXXVII. **Multidrug resistance in locally advanced breast cancer**  
Atalay C., Gurhan I. D., Irkkan C., Gunduz U.  
TUMOR BIOLOGY, cilt.27, sa.6, ss.309-318, 2006 (SCI-Expanded)
- CXXVIII. **The mathematical analysis of the structure of some songs**  
Gunduz G., Gunduz U.  
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, cilt.357, ss.565-592, 2005 (SCI-Expanded)
- CXXIX. **Identification of polymorphisms on the MDR1 gene among Turkish population and their effects on multidrug resistance in acute leukemia patients**  
Kaya P., Gunduz U., Arpacı F., Ural A., Guran S.  
AMERICAN JOURNAL OF HEMATOLOGY, cilt.80, sa.1, ss.26-34, 2005 (SCI-Expanded)
- CXXX. **Serum and follicular fluid levels of soluble Fas, soluble Fas ligand and apoptosis of luteinized granulosa cells in PCOS patients undergoing IVF**  
Onalan G., Selam B., Baran Y., Cincik M., Onalan R., Gunduz U., Ural A., Pabuccu R.  
HUMAN REPRODUCTION, cilt.20, sa.9, ss.2391-2395, 2005 (SCI-Expanded)
- CXXXI. **Preparation and characterization of a biodegradable drug targeting system for anticancer drug delivery: Microsphere-antibody conjugate**  
Muvaffak A., Gurhan I., Gunduz U., Hasirci N.  
JOURNAL OF DRUG TARGETING, cilt.13, sa.3, ss.151-159, 2005 (SCI-Expanded)
- CXXXII. **Hydrogen storage capability of carbon nanotube Be@C-120**  
Turker L., Eroglu I., Yucel M., Gunduz U.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.29, sa.15, ss.1643-1647, 2004 (SCI-Expanded)
- CXXXIII. **PM3 (UHF) type quantum chemical treatment of the models for Ni-C state of [NiFe] hydrogenase from Desulfovibrio vulgaris**  
Turker L., Eroglu I., Yucel M., Gunduz U.  
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, cilt.672, ss.169-174, 2004 (SCI-Expanded)
- CXXXIV. **Photobiological hydrogen production by using olive mill wastewater as a sole substrate source**  
Eroglu E., Gunduz U., Yucel M., Turker L., Eroglu I.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.29, sa.2, ss.163-171, 2004 (SCI-Expanded)
- CXXXV. **Kinetics of biological hydrogen production by the photosynthetic bacterium Rhodobacter sphaeroides O.U. 001**  
KOKU H., Eroğlu I., GÜNDÜZ U., Yücel M., Türker L.  
International Journal of Hydrogen Energy, cilt.28, sa.4, ss.381-388, 2003 (SCI-Expanded)
- CXXXVI. **Photoproduction of hydrogen from sugar refinery wastewater by Rhodobacter sphaeroides OU 001**  
Yetis M., Gunduz U., Eroglu I., Yucel M., Turker L.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.25, sa.11, ss.1035-1041, 2000 (SCI-Expanded)
- CXXXVII. **Detection of BCR/ABL gene rearrangement and the elimination of rearranged clone in chronic myelocytic leukemia patients**  
Eren E., Aytac U., Tetik E., Akman O., Kansu E., Gunduz U.  
AMERICAN JOURNAL OF HEMATOLOGY, cilt.63, sa.2, ss.85-89, 2000 (SCI-Expanded)
- CXXXVIII. **Cloning and expression of a plasmid-linked pediocin determinant trait of Pediococcus acidilactici F**  
Osmanagaoglu O., Beyatli Y., Gunduz U.  
JOURNAL OF BASIC MICROBIOLOGY, cilt.40, sa.1, ss.41-49, 2000 (SCI-Expanded)
- CXXXIX. **Analysis of the genetic determinant for production of the pediocin P of Pediococcus pentosaeus Pep 1**  
Osmanagaoglu O., Beyatli Y., Gunduz U., Sacilik S.  
JOURNAL OF BASIC MICROBIOLOGY, cilt.40, sa.4, ss.233-241, 2000 (SCI-Expanded)
- CXL. **The biocatalytic effect of Halobacterium halobium on photoelectrochemical hydrogen production**  
Sediroglu V., Eroglu I., Yucel M., Turker L., Gunduz U.  
JOURNAL OF BIOTECHNOLOGY, cilt.70, ss.115-124, 1999 (SCI-Expanded)
- CXLI. **Substrate consumption rates for hydrogen production by Rhodobacter sphaeroides in a column photobioreactor**

- Eroglu I., Aslan K., Gunduz U., Yucel M., Turker L.  
JOURNAL OF BIOTECHNOLOGY, cilt.70, ss.103-113, 1999 (SCI-Expanded)
- CXLII. **Identification of by-products in hydrogen producing bacteria; Rhodobacter sphaeroides OU 001 grown in the waste water of a sugar refinery**  
Yigit D., Gunduz U., Turker L., Yucel M., Eroglu I.  
JOURNAL OF BIOTECHNOLOGY, cilt.70, ss.125-131, 1999 (SCI-Expanded)
- CXLIII. **Poly-beta-hydroxybutyrate production by lactic acid bacteria**  
Aslim B., Caliskan F., Beyatli Y., Gunduz U.  
FEMS MICROBIOLOGY LETTERS, cilt.159, sa.2, ss.293-297, 1998 (SCI-Expanded)
- CXLIV. **Modelling of long-term photoresponse of bacteriorhodopsin immobilized on cellulose acetate membranes**  
Sediroglu V., Aydemir A., Gunduz U., Yucel M., Turker L., Eroglu I.  
JOURNAL OF MEMBRANE SCIENCE, cilt.113, sa.1, ss.65-71, 1996 (SCI-Expanded)
- CXLV. **Q-MODIFICATION OF TRANSFER-RNAS IN HUMAN BRAIN-TUMORS**  
AYTAC U., GUNDUZ U.  
CANCER BIOCHEMISTRY BIOPHYSICS, cilt.14, sa.2, ss.93-98, 1994 (SCI-Expanded)
- CXLVI. **PURIFICATION AND CHARACTERIZATION OF HUMAN MENINGIOMA M2-TYPE PYRUVATE-KINASE**  
MELLATI A., YUCEL M., ALTINORS N., GUNDUZ U.  
CLINICAL BIOCHEMISTRY, cilt.26, sa.5, ss.383-388, 1993 (SCI-Expanded)
- CXLVII. **CRYSTALLIZATION KINETICS OF SILICALITE .1. USE OF TETRAPROPYLAMMONIUM BROMIDE AND CHLORIDE AS TEMPLATES**  
CULFAZ A., GUNDUZ U., ORBEY H.  
CRYSTAL RESEARCH AND TECHNOLOGY, cilt.28, sa.1, ss.29-38, 1993 (SCI-Expanded)
- CXLVIII. **REGULATION OF M2-TYPE PYRUVATE-KINASE FROM HUMAN MENINGIOMA BY ALLOSTERIC EFFECTORS FRUCTOSE 1,6 DIPHOSPHATE AND L-ALANINE**  
MELLATI A., YUCEL M., ALTINORS N., GUNDUZ U.  
CANCER BIOCHEMISTRY BIOPHYSICS, cilt.13, sa.1, ss.33-41, 1992 (SCI-Expanded)
- CXLIX. **TRANSFER-RNA GUANINE TRANSGLYCOSYLASE FROM SALMONELLA-TYPHIMURIUM**  
GUNDUZ U., KACAR Y.  
PERIODICUM BIOLOGORUM, cilt.90, sa.3, ss.321-326, 1988 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Synthesis and biological activity of siRNA and Etoposide with magnetic nanoparticles on drug resistance model MCF-7 Cells: Molecular docking study with MRP1 enzyme**  
Yalcin S., GÜNDÜZ U.  
NANOMEDICINE JOURNAL, cilt.8, sa.2, ss.98-105, 2021 (ESCI)
- II. **Nanoparticle-based drug delivery in cancer: the role of cell membrane structures**  
Yalcin S., Ozluer O., GÜNDÜZ U.  
THERAPEUTIC DELIVERY, cilt.7, sa.11, ss.773-781, 2016 (ESCI)
- III. **Nanoparticle Based Delivery of miRNAs to Overcome Drug Resistance in Breast Cancer**  
YALÇIN AZARKAN S., GÜNDÜZ U.  
Journal of Nanomedicine & Nanotechnology, 2016 (Hakemli Dergi)
- IV. **PDCD10 Programmed cell death 10**  
Urfalu Mamatoğlu Ç., Kazan H. H., GÜNDÜZ U.  
Atlas of Genetics and Cytogenetics in Oncology and Haematology, 2016 (Scopus)
- V. **Synthesis and Cytotoxicity of a TAT Peptide Doxorubicin Conjugate for Breast Cancer Treatment**  
Gülseren Petek Ş., YALÇIN AZARKAN S., GÜNDÜZ U.  
Journal of Drug Design and Research, cilt.2, sa.1, ss.1007, 2015 (Hakemli Dergi)
- VI. **PAMAM Dendrimer Coated MNPs for siRNA Delivery and Gene Silencing**



Unsoy G., YALÇIN AZARKAN S., Khodadust R., Parsiyan M., Mutlu P., Bayanbold H., GÜNDÜZ U.  
Journal of Cancer Studies and Therapy, cilt.1, sa.1, ss.1-5, 2014 (Hakemli Dergi)

## Kitap & Kitap Bölümleri

### I. Targeted Drug Delivery via Chitosan-Coated Magnetic Nanoparticles

UNSOY G., GÜNDÜZ U.

Nanostructures for Drug Delivery, Ecaterina Andronescu, Alexandru M. Grumezescu, Editör, Elsevier, ss.835-864, 2017

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Dielectrophoretic Detection Of Imatinib Resistance In K562 Cells Using A Lab-On-A-Chip System**  
Demircan Yalçın Y., TORAL T. B., Sukaş S., Yıldırım E., Zorlu Ö., GÜNDÜZ U., KÜLAH H.  
MicroTAS 2019, Basel, İsviçre, 27 - 31 Ekim 2019
- II. **Photofermentation as a third-stage of a dark fermentation-methanogenesis system to improve energy recovery**  
ERGUDER T. H., TUNÇAY E. G., KOÇ E., AKMAN M. C., EROĞLU İ., GÜNDÜZ U.  
20th International Conference on Energy Management and Environmental Policy (ICEMEP 2018), İstanbul, Türkiye, 19 - 20 Kasım 2018
- III. **Investigation of optimum hydraulic retention time (HRT) of semi-batch photofermentation process in a three-stage system**  
AKMAN M. C., ERGUDER T. H., GÜNDÜZ U., EROĞLU İ.  
3rd International Conference on Power and Renewable Energy (ICPRE 2018), Berlin, Almanya, 21 - 24 Eylül 2018
- IV. **Hydrogen production by agar-immobilized R. capsulatus in panel photobioreactor**  
ELKAHLOUT K., SAĞIR E., ALIPOUR S., KOKU H., GÜNDÜZ U., EROĞLU İ., Yücel A. M.  
3rd International Hydrogen Technologies Congress (IHTEC-2018), Antalya, Türkiye, 15 - 18 Mart 2018, ss.29
- V. **The Effect of Vitamin E TPGS on Drug Resistance in Breast Cancer Cells**  
METİN E., MUTLU P., GÜNDÜZ U.  
International Advanced Researches and Engineering Congress-2017, Osmaniye, Korkut Ata Univ., Türkiye, 16 - 18 Kasım 2017, ss.2469
- VI. **The effect of Vitamin E TPGS on Drug loading, release and accumulation capacities of PLGA coated magnetic nanoparticles**  
METİN E., MUTLU P., GÜNDÜZ U.  
International Advanced Researches and Engineering Congress, Osmaniye, Türkiye, 16 - 18 Kasım 2017, ss.2474
- VII. **Gene expression analysis related to drug resistance and wnt signaling pathway in doxorubicin resistant K562 cell line.**  
MUTLU P., YALÇIN AZARKAN S., Taghavi Pourianazar N., Meral Y., GÜNDÜZ U.  
XV. Ulausal Tıbbi Biyoloji ve Genetik Kongresi, Türkiye, 26 - 28 Ekim 2017
- VIII. **Downregulation of Programmed Cell Death 10 (PDCD 10) Expression Confers Doxorubicin Resistance in Breast Cancer Cells**  
Mamatoğlu Ç. U., Kazan H. H., GÜNDÜZ U.  
MolBioKon'17, 8 - 10 Eylül 2017
- IX. **Hidrolik ve katı bekletme süresinin asetiklastik metanojenlere ve metan verimine etkisi**  
KOÇ E., ERGUDER T. H., DURAN M., EROĞLU İ., GÜNDÜZ U.  
12. Ulusal Çevre Mühendisliği Kongresi, Ankara, Türkiye, 5 - 07 Ekim 2017, ss.45-47
- X. **Antiproliferative Effect of Cisplatin Loaded PHB Coated Magnetic Nanoparticles on SKBR-3, MCF-7, MDA-MB-231 Breast Cancer Cell Lines**  
YALÇIN AZARKAN S., GÜNDÜZ U.

BIOMED 2017. 22nd International Biomedical Science and Technology Symposium, 12 - 14 Mayıs 2017

- XI. **"Site-directed Antibody Coating of Gold Surfaces**  
ÜNSOY G., GÜNDÜZ U.  
Bomed 2017- 22. International Biomedical Science and Technology Symposium, Ankara, Türkiye, 12 Mayıs 2017 - 14 Ocak 2018
- XII. **Optimization Studies of Antibody Coating on Gold Surfaces**  
ÜNSOY G., GÜNDÜZ U.  
Bomed 2017- 22. International Biomedical Science and Technology Symposium, 12 - 14 Mayıs 2017
- XIII. **Regulation of MRPI Gene Expression by Etoposide-Loaded PHB Coated Magnetic Nanoparticles in Etoposide Resistance MCF-7 Cells.**  
YALÇIN AZARKAN S., GÜNDÜZ U.  
BIOMED 2017. 22nd International Biomedical Science and Technology Symposium, 12 - 14 Mayıs 2017
- XIV. **Differential Gene Expression Analysis Related To Wnt Signaling Pathway In Doxorubicin Resistant Hela Cell Line**  
MUTLU P., YALÇIN AZARKAN S., Taghavi Pourianazar N., Meral Y., GÜNDÜZ U.  
International DNA Day And Genome Congress, 24 - 28 Nisan 2017
- XV. **Doxorubicin Loaded Dextran Coated Magnetic Nanoparticles Affect on Cytokines Gene Expression in Breast Cancer Cell Line**  
YALÇIN AZARKAN S., MUTLU P., GÜNDÜZ U.  
International DNA Day And Genome Congress, 24 - 28 Nisan 2017
- XVI. **TARGETED DRUG DELIVERY BY POLYMER COATED MAGNETIC NANOPARTICLES**  
GÜNDÜZ U.  
INTERNATIONAL DNA DAY AND GENOME CONGRESS (IDDGC) 2017, Kırşehir, Türkiye, 24 - 28 Nisan 2017
- XVII. **Doksorubisin üklü Dekstran kaplı manyetik nanoparçacıkların MCF-7 meme kanseri hücre hattında sitokin genlerinin ifade düzeyleri üzerindeki etkileri**  
YALÇIN AZARKAN S., MUTLU P., GÜNDÜZ U.  
II. Yaşam Bilimleri Kongresi, Kayseri, Türkiye, 23 - 25 Şubat 2017
- XVIII. **Smart Drug Delivery Systems Targeted Delivery of Chemtherapeutics and Immunostimulators and siRNA Molecules**  
Unsoy G., GÜNDÜZ U.  
2nd International Conference and Expo on Drug Discovery and Designing, Roma, İtalya, 27 - 29 Kasım 2016
- XIX. **Synthesis of PLGA Coated Magnetic Nanoparticles for Co Delivery of Cancer Drug and Vitamin E TPGS**  
Metin E., MUTLU P., GÜNDÜZ U.  
6. Multidisipliner Kanser Araştırma Kongresi, Konya, Türkiye, 27 - 30 Ekim 2016
- XX. **Effects of doxorubicin loaded dextran coated magnetic nanoparticles on gene and protein expression profile of p53 survivin and bcl 2 in doxorubicin sensitive resistant MCF 7 cell lines**  
YALÇIN AZARKAN S., ÖNGÜRÜ Ö., GÜNDÜZ U.  
EACR 24- European Journal of Cancer, Manchester, Birleşik Krallık, 9 - 12 Temmuz 2016, cilt.61, ss.128
- XXI. **Etoposide loaded PHB coated magnetic nanoparticles enhances anticancer activity in MCF 7 breast cancer cells**  
YALÇIN AZARKAN S., GÜNDÜZ U.  
WITAM 2016, Kırşehir, Türkiye, 28 Eylül - 02 Ekim 2016
- XXII. **Nanoparticles Based Drug Delivery Systems to Overcome Multidrug Resistance in Cancer The Role of Membrane Lipids Proteins and Carbohydrates**  
Özlüer Ö., YALÇIN AZARKAN S., GÜNDÜZ U.  
WITAM -2016 2nd International Congress on the World of Technology and Advanced Materials, Kırşehir, Türkiye, 28 Eylül - 02 Ekim 2016
- XXIII. **Apobec3B expression in drug resistant MCF 7 breast cancer cell lines**  
ÖNGÜRÜ Ö., YALÇIN AZARKAN S., Rosembilt C., Zhang P., Kiliç S., GÜNDÜZ U.  
EACR 24, Manchester, Birleşik Krallık, 9 - 12 Temmuz 2016, cilt.61

- XXIV. **Molecular Profile of the Apoptosis Related Genes in Breast Cancer Cells after Treatment with CpG Oligodeoxynucleotides Delivered by PAMAM Coated Magnetic Nanoparticles**  
Pourianazar N., GÜNDÜZ U.  
The 7th EMBO Meeting 2016, Mannheim, Almanya, 3 - 13 Eylül 2016
- XXV. **"On-Chip Insulated Micro Well Array for Cell Viability Assays**  
Parsiyan M., Atik A. C., Özkan M. D., Gündüz U., Külâh H., Özgür E., Yıldırım E.  
EMBL Conference: Microfluidics 2016, Heidelberg, Almanya, 24 - 26 Temmuz 2016, ss.1-4
- XXVI. **On-Chip Insulated Micro Well Array for Cell Viability Assays**  
Parsiyan M., Atik A. C., Özkan M. D., GÜNDÜZ U., KÜLAH H., Özgür E., YILDIRIM E.  
EMBL Conference: Microfluidics 2016, 24 - 26 Temmuz 2016
- XXVII. **Use of a three stage system comprised of dark fermentation methanogenesis and photofermentation to improve energy production**  
ERGÜDER T. H., AKMAN M. C., TUNÇAY G., KOÇ E., GÜNDÜZ U., EROĞLU İ.  
3rd International Congress on Water, Waste and Energy Management (EWWM), ROMA, İtalya, 18 - 20 Temmuz 2016, ss.158-159
- XXVIII. **Analyses of Changes in Dielectric Properties of Doxorubicin Resistant Breast Cancer Cells Through Electrorotation With 3D Electrodes**  
Bahrieh G., Erdem M., Özgür E., Gündüz U., Külâh H.  
Dielectrophoresis 2014, London, Birleşik Krallık, 14 Temmuz 2014 - 16 Temmuz 2016, cilt.1, ss.1-4
- XXIX. **A DEP-Based Lab-On-A-Chip System For The Detection Of Multidrug Resistance In K562 Leukemia Cells**  
Yalçın Y. D., Özkayar G., Özgür E., Gündüz U., Külâh H.  
Hilton Head Workshop 2016, South-Carolina, Amerika Birleşik Devletleri, 5 - 09 Haziran 2016, ss.1-4
- XXX. **A High Throughput Lab-On-A-Chip System for Label Free Quantification of Breast Cancer Cells under Continuous Flow**  
ASLAN M. Y., YALÇIN Y., Özgür E., GÜNDÜZ U., Eminoglu S., KÜLAH H., AKIN T.  
26th Anniversary World Congress on Biosensors (Biosensors), Gothenburg, İsveç, 25 - 27 Mayıs 2016, cilt.27, ss.59-61
- XXXI. **A high-throughput microfluidic rare cell enrichment system based on dielectrophoresis and filtering**  
Özkayar G., Yalçın Y. D., Özgür E., GÜNDÜZ U., Külâh H.  
26th Anniversary World Congress on Biosensors (Biosensors), Gothenburg, İsveç, 25 - 27 Mayıs 2016, cilt.27, ss.177-178
- XXXII. **CELL SURFACE MARKERS ON DOXORUBİCİN AND İMATİNİB RESİSTANT K562 CELLS**  
Ünsoy G., GÜNDÜZ U.  
III. Uluslararası Katılımlı Deneysel Hematoloji Kongresi, Kayseri, Türkiye, 5 - 08 Mayıs 2016
- XXXIII. **Kanserde İlaç Direnç Mekanizmaları**  
GÜNDÜZ U.  
III. Uluslararası Katılımlı Deneysel Hematoloji Kongresi, Kayseri, Türkiye, 5 - 08 Mayıs 2016
- XXXIV. **Antikanser İlaçlara Dirençli Kanser Hücrelerinin Zeta Potansiyellerinin Belirlenmesi ve Zeta Potansiyelin Hücre Morfolojisi ile Korelasyonu**  
Kazan H., Urfalı Ç. M., GÜNDÜZ U.  
1. Yaşam Bilimleri Sempozyumu, Kayseri, Türkiye, 23 - 24 Şubat 2016
- XXXV. **Nek6 nın K562 Hücre Hatlarında Çoklu İlaç Dirençliliği ve Apoptoz Üzerindeki Etkileri**  
Nabioğlu A., MUTLU P., YALÇIN AZARKAN S., GÜNDÜZ U.  
I. Yaşam Bilimleri Sempozyumu, Türkiye, 23 - 24 Şubat 2016
- XXXVI. **CpG Oligodeoksinnükleotit Yüklü PAMAM Dendrimer Kaplı Manyetik Nanoparçacıkların Meme Kanseri Hücrelerinde Sitotoksik Etkisi**  
Pourianazar N., GÜNDÜZ U.  
I. Yaşam Bilimleri Sempozyumu, Kayseri, Türkiye, 23 - 24 Şubat 2016
- XXXVII. **Gemsitabin Yüklü Yarım Jenerasyon PAMAM Dendrimer Kaplı Manyetik Nanoparçacıkların Meme Kanseri Hücre Hatları Üzerindeki Sitotoksik Etkileri**

- Parsian M., MUTLU P., YALÇIN AZARKAN S., TEZCANER A., GÜNDÜZ U.  
I. Yaşam Bilimleri Sempozyumu, Kayseri, Türkiye, 23 - 24 Şubat 2016
- XXXVIII. **In Vitro effects of CPG Oligodeoxynucleotides Loaded Dendrimer Coated Magnetic Nanoparticles on the Expression of IL 6 Cytokine Gene in Breast Cancer Cell Lines**  
Negar T. P., GÜNDÜZ U.  
4th International Congress of the Molecular Association of Turkey MolBiyKon 2015 ; Ankara, Türkiye, 27 - 29 Kasım 2015, ss.102
- XXXIX. **Doxorubicin Loaded Dextran Coated Magnetic Nanoparticles Changes Gene Expression Levels in Breast Cancer Cell Lines**  
YALÇIN AZARKAN S., Ünsoy G., Khodadust R., Mutlu P., GÜNDÜZ U.  
4th International Congress of the Molecular Biology Association of Turkey - MolBioKon 2015, Ankara, Türkiye, 27 - 29 Kasım 2015, ss.95
- XL. **Magnetic PAMAM Dendrimers for Targeted Gemcitabine Delivery**  
Maryam P., Pelin M., YALÇIN AZARKAN S., TEZCANER A., GÜNDÜZ U.  
4th International Congress of the Molecular Association of Turkey MolBiyKon 2015 ; Ankara, Türkiye, 27 - 29 Kasım 2015, ss.87
- XLI. **Integrated biohydrogen and methane production from sucrose in a three stage configuration**  
KOÇ E., MELİH CAN A., GÜNEŞ EKİN T., ERGUDER T. H., EROĞLU İ., GÜNDÜZ U.  
AD14 World Congress on Anaerobic Digestion, Vina-Del-Mar, Şili, 15 - 18 Kasım 2015
- XLII. **The effects of HRT pH and SRT on dark fermentative hydrogen production in an SBR using sucrose**  
TUNÇAY G., ERGUDER T. H., EROĞLU İ., GÜNDÜZ U.  
AD14 World Congress on Anaerobic Digestion, Vina-Del-Mar, Şili, 15 - 18 Kasım 2015
- XLIII. **Effects of hydraulic and solid retention times on lab scale anaerobic sequencing batch reactor performance and methanogenic diversity**  
KOÇ E., ERGUDER T. H., METİN D., GÜNDÜZ U., EROĞLU İ.  
3rd International Congress on Energy Efficiency and Energy Related Materials (ENEFM2015), Muğla, Türkiye, 19 - 23 Ekim 2015
- XLIV. **INVESTIGATION OF DESORPTION KINETICS AND EQUILIBRIUM OF AN ANIONIC DYE FROM MAGNETIC POLYMER ADSORBENTS**  
AKIN D., YAKAR A., GÜNDÜZ U.  
Proceedings of the 14th International Conference on Environmental Science and Technology, Yunanistan, 3 - 05 Eylül 2015
- XLV. **LABEL-FREE DETECTION OF LEUKEMIA CELLS WITH A LAB-ON-A-CHIP SYSTEM INTEGRATING DIELECTROPHORESIS AND CMOS IMAGING**  
Demircan Y., Orguc S., Musayev J., Ozgur E., ERDEM M., GÜNDÜZ U., Eminoglu S., KÜLAH H., AKIN T.  
18th International Conference on Solid-State Sensors, Actuators and Microsystems (TRANSDUCERS), Alaska, Amerika Birleşik Devletleri, 21 - 25 Haziran 2015, ss.1589-1592
- XLVI. **The Role of Nek 6 Gene Expression in Multidrug Resistance and Apoptosis in MCF 7 and K 562 Cell Lines**  
Ayça N., Pelin M., YALÇIN AZARKAN S., GÜNDÜZ U.  
EACR - The European cancer Organization ; Anticancer Drug Action and Drug Resistance: from Cancer Biology to the Clinic, Floransa, İtalya, 20 - 23 Haziran 2015, ss.103-104
- XLVII. **Synthesis and Characterization of Polyethylene Glycol Coated Magnetic Nanoparticles and Their use for Anti cancer Drug Delivery**  
ERDEM M., YALÇIN AZARKAN S., Çağrı U. M., GÜNDÜZ U.  
EACR - The European cancer Organization ; Anticancer Drug Action and Drug Resistance: from Cancer Biology to the Clinic, Floransa, İtalya, 20 - 23 Haziran 2015, ss.126-127
- XLVIII. **The Role of Apoptosis Regulator Programmed Cell Death 10 PDCD10 in Multidrug Resistance**  
Çağrı U. M., GÜNDÜZ U.  
EACR - The European cancer Organization ; Anticancer Drug Action and Drug Resistance: from Cancer Biology to the Clinic, Floransa, İtalya, 20 - 23 Haziran 2015, ss.107

- XLIX. Enrichment of K562 human leukemia cells from diluted whole blood by using dielectrophoresis**  
Özkayar G., Demircan Yalçın Y., Özgür E., Gündüz U., Külah H.  
2nd International Biosensor Congress, İzmir, Türkiye, 10 - 12 Haziran 2015, ss.1-4
- L. Dielectrophoretic detection of multidrug resistance in cancer**  
Demircan Yalçın Y., Özgür E., Gündüz U., Külah H.  
2nd International Biosensor Congress, İzmir, Türkiye, 10 - 12 Haziran 2015, ss.1-4
- LI. Doxorubicin Loaded Dextran Coated Magnetic Nanoparticles Enhance Cytotoxicity in Doxorubicin**  
YALÇIN AZARKAN S., Gözde Ü., Khodadust R., GÜNDÜZ U.  
11th International Symposium on Pharmaceutical Sciences, Ankara, Türkiye, 9 - 12 Haziran 2015, ss.443
- LII. Magnetic Half Generation PAMAM Dendrimeric Nanoparticles for Targeting Delivery of Gemcitabine**  
Maryam P., Mutlu P., YALÇIN AZARKAN S., TEZCANER A., GÜNDÜZ U.  
11th International Symposium on Pharmaceutical Sciences, Ankara, Türkiye, 9 - 12 Haziran 2015, ss.182-183
- LIII. Toxicity of Polyhydroxybutyrate Coated Magnetic Nanoparticles in Mice and MDA MB 231 Cell Line**  
YALÇIN AZARKAN S., Gözde Ü., Khodadust R., Pelin M., GÜNDÜZ U., Önder Ö., K G U., Macit E., Çelik T.  
11th International Symposium on Pharmaceutical Sciences, Ankara, Türkiye, 9 - 12 Haziran 2015, ss.442
- LIV. Biodistribution of Magnetite Nanoparticles Chemically Modified with Chitosan in Mice Liver and Brain Tissue**  
Gözde Ü., YALÇIN AZARKAN S., Pelin M., Khodadust R., GÜNDÜZ U., Soykut B., Erdem O., AKAY C., K G U., Macit E., et al.  
11th International Symposium on Pharmaceutical Sciences, Ankara, Türkiye, 9 - 12 Haziran 2015, ss.435-436
- LV. The Effects of Drug Resistant MCF7 Sublines on Cellular Proliferation and Gene Expression Pattern of Drug Sensitive MCF7 Cells**  
Esin Gülce S., Laçın Y., Çağrı U. M., GÜNDÜZ U.  
11th International Symposium on Pharmaceutical Sciences, Ankara, Türkiye, 9 - 11 Haziran 2015, ss.183-184
- LVI. Investigation of the Effect of Vimentin on Multidrug Resistance in Cancer**  
AKBULUT Ö., Hamit İ., Çakmak N., Çağrı U. M., GÜNDÜZ U.  
11th International Symposium on Pharmaceutical Sciences, Ankara, Türkiye, 9 - 11 Haziran 2015, ss.184-185
- LVII. In Vitro and In Vivo Toxicity Analyses of Bare and Chitosan Coated MNPs**  
Gözde Ü., YALÇIN AZARKAN S., Rouhollah K., Pelin M., Çelik T., Macit E., K G U., Önder Ö., GÜNDÜZ U.  
11th International Symposium on Pharmaceutical Sciences, Ankara, Türkiye, 9 - 12 Haziran 2015, ss.435
- LVIII. Co delivery of Doxorubicin and CPG Oligodeoxynucleotide on PAMAM coated Magnetic Nanoparticles**  
Negar T. P., GÜNDÜZ U.  
EACR-Sponsored 3rd Anticancer Agent Development Congress, İzmir, Türkiye, 18 - 19 Mayıs 2015, ss.145
- LIX. Cellular internalization of polyhydroxybutyrate coated magnetic nanoparticles in SKBR-3 cell lines**  
Yalçın S., Mutlu P., Unsoy G., Parsian M., Pourianazar N. T., GÜNDÜZ U.  
FEBS EMBO 2014 Conference, Paris, Fransa, 30 Ağustos - 04 Eylül 2014, cilt.281, ss.444
- LX. Cellular internalization of Bortezomib loaded CS MNPs by cervical cancer cells**  
Unsoy G., Yalçın S., Khodadust R., MUTLU P., Pourianazar N. T., GÜNDÜZ U.  
FEBS EMBO 2014 Conference, Paris, Fransa, 30 Ağustos - 04 Eylül 2014, cilt.281, ss.443-444
- LXI. Preparation of fluorescent IgG monoclonal antibody conjugated PHB coated magnetic nanoparticles for imaging and cancer therapy**  
Yalçın S., Unsoy G., Pourianazar N. T., GÜNDÜZ U.  
FEBS EMBO 2014 Conference, Paris, Fransa, 30 Ağustos - 04 Eylül 2014, cilt.281, ss.496
- LXII. Comparison of two polymeric nanocarriers for targeted CpG-ODN delivery: chitosan- and poly (amidoamine) dendrimer-coated magnetic nanoparticles**  
Pourianazar N. T., Parsian M., Unsoy G., Yalçın S., GÜNDÜZ U.  
FEBS EMBO 2014 Conference, Paris, Fransa, 30 Ağustos - 04 Eylül 2014, cilt.281, ss.449
- LXIII. Conjugation of gemcitabine to PAMAM dendrimer-coated magnetic nanoparticles for targeted delivery**  
Parsian M., Pourianazar N. T., Yalçın S., MUTLU P., GÜNDÜZ U.  
FEBS EMBO 2014 Conference, Paris, Fransa, 30 Ağustos - 04 Eylül 2014, cilt.281, ss.449-450

- LXIV. **Chitosan-coated magnetic nanoparticles as vehicles for the delivery of the antitumor drug gemcitabine**  
 Parsian M., Unsoy G., MUTLU P., Yalcin S., PourianAzar N. T., GÜNDÜZ U.  
 FEBS EMBO 2014 Conference, Paris, Fransa, 30 Ağustos - 04 Eylül 2014, cilt.281, ss.445
- LXV. **Loading and release efficiencies of Bortezomib on chitosan coated magnetic nanoparticles**  
 Unsoy G., Yalcin S., Khodadust R., MUTLU P., Pourianazar N. T., GÜNDÜZ U.  
 FEBS EMBO 2014 Conference, Paris, Fransa, 30 Ağustos - 04 Eylül 2014, cilt.281, ss.140-141
- LXVI. **Effect of doxorubicin loaded CS MNPs on cell proliferation in sensitive and doxorubicin resistant MCF-7 cell lines**  
 Unsoy G., Khodadust R., Yalcin S., MUTLU P., Pourianazar N. T., Parsian M., GÜNDÜZ U.  
 FEBS EMBO 2014 Conference, Paris, Fransa, 30 Ağustos - 04 Eylül 2014, cilt.281, ss.457-458
- LXVII. **Label-free Multidrug Resistance Detection in MCF-7 Cells by Isolated 3D-Electrode Dielectrophoresis**  
 Demircan Yalçın Y., Erdem M., Özgür E., Gündüz U., Külah H.  
 Dielectrophoresis 2014, London, Birleşik Krallık, 14 - 16 Temmuz 2014, ss.1-4
- LXVIII. **High Throughput Parylene Micro-Channel Coulter Counter For Parallel Cell Counting and Sorting**  
 Sümer Laçın Ö., Demircan Yalçın Y., Zorlu Ö., Özgür E., Gündüz U., Külah H., Erdem M.  
 Dielectrophoresis 2014, London, Birleşik Krallık, 14 - 16 Temmuz 2014, ss.1-4
- LXIX. **DETERMINATION OF MULTIDRUG RESISTANCE LEVEL IN K562 LEUKEMIA CELLS BY 3D-ELECTRODE CONTACTLESS DIELECTROPHORESIS**  
 Demircan Y., ERDEM M., Ozgur E., GÜNDÜZ U., KÜLAH H.  
 27th IEEE International Conference on Micro Electro Mechanical Systems (MEMS), San-Francisco, Kostarika, 26 - 30 Ocak 2014, ss.837-840
- LXX. **Investigation of the effects of initial substrate and biomass concentrations and light intensity on photofermentative hydrogen gas production**  
 Akman M. C., Erguder T. H., GÜNDÜZ U., Eroglu I.  
 20th World Hydrogen Energy Conference, WHEC 2014, Gwangju, Güney Kore, 15 - 20 Haziran 2014, cilt.2, ss.1276-1282
- LXXI. **Detection of imatinib resistance in K562 leukemia cells by 3D-electrode contactless dielectrophoresis**  
 Demircan Y., Koyuncuoglu A., ERDEM M., Ozgur E., GÜNDÜZ U., KÜLAH H.  
 2013 17th International Conference on Solid-State Sensors, Actuators and Microsystems, TRANSDUCERS and EUROSENSORS 2013, Barcelona, İspanya, 16 - 20 Haziran 2013, ss.2086-2089
- LXXII. **Dielectric Characterization of Imatinib Resistant K562 Leukemia Cells through Electrorotation with 3-D Electrodes**  
 Bahrieh G., Koydemir H. C., ERDEM M., Ozgur E., GÜNDÜZ U., KÜLAH H.  
 12th IEEE Sensors Conference, Maryland, Amerika Birleşik Devletleri, 3 - 06 Kasım 2013, ss.1026-1029
- LXXIII. **Dielectric Analysis of Changes in Electric Properties of Doxorubicin Resistant K562 Leukemic Cells Through Electrorotation with 3 D Electrodes**  
 Garsha B., Erdem M., Özgür E., Gündüz U., Külah H.  
 7th International Conference on Miniaturized Systems for Chemistry and Life Sciences, Freiburg, Almanya, 27 - 31 Ekim 2013
- LXXIV. **The Effect of Ultrasonication on the Size and Morphology of Iron Oxide - Chitosan Nano and Microparticles**  
 Akin D., YAKAR A., GÜNDÜZ U.  
 3rd International Congress on Advances in Applied Physics and Materials Science, Antalya, Türkiye, 24 - 28 Nisan 2013, cilt.1569, ss.19-22
- LXXV. **Effect of Nerium oleander distillate on MCF-7 breast cancer cell lines**  
 DEMİREL KARS M., KARS G., GÜNDÜZ U., ÜNEY K., BAŞ A. L.  
 European Biotechnology Congress, İstanbul, Türkiye, 28 Eylül - 01 Ekim 2011, cilt.22
- LXXVI. **Drug resistant MCF-7 cells possessed epithelial-mesenchymal transition related gene expression pattern**

Iseri O. D., Kars M. D., Arpacı F., Atalay C., Pak I., GÜNDÜZ U.

34th Congress of the Federation-of-European-Biochemical-Societies, Prague, Çek Cumhuriyeti, 4 - 09 Temmuz 2009, cilt.276, ss.101

**LXXVII. Role of ETS1 in paclitaxel and vincristine resistance development in MCF-7 cells**

Iseri O. D., Kars M. D., Arpacı F., GÜNDÜZ U.

34th Congress of the Federation-of-European-Biochemical-Societies, Prague, Çek Cumhuriyeti, 4 - 09 Temmuz 2009, cilt.276, ss.363

**LXXVIII. Hydrogen Production By R. Capsulatus On Dark Fermenter Effluent Of Potato Steam Peel Hydrolysate**

Afsar N., Ozgur E., Gurgan M., de Vrije T., YÜCEL M., GÜNDÜZ U., Eroglu I.

12th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction, Rome, İtalya, 10 Şubat - 13 Mayıs 2009, cilt.18, ss.385-386

**LXXIX. Investigation Of Influencing Factors For Biological Hydrogen Production By R. Capsulatus In Tubular Photo-Bioreactors**

Boran E., Ozgur E., Gebicki J., van der Burg J., YÜCEL M., GÜNDÜZ U., Modigel M., Eroglu I.

12th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction, Rome, İtalya, 10 Şubat - 13 Mayıs 2009, cilt.18, ss.357-358

**LXXX. Reversal of MDR by synthetic and natural compounds in drug resistant MCF-7 cell lines**

GÜNDÜZ U., Kars M. D., Iseri O. D., Molnar J.

32nd Congress of the Federation-of-European-Biochemical-Societies (FEBS), Vienna, Avusturya, 7 - 12 Temmuz 2007, cilt.274, ss.233

**LXXXI. Analysis of expression of beta-tubulin isotypes and mutations of class I beta-tubulin gene in docetaxel resistant MCF-7 cells**

Iseri O. D., Kars M. D., Arpacı F., GÜNDÜZ U.

32nd Congress of the Federation-of-European-Biochemical-Societies (FEBS), Vienna, Avusturya, 7 - 12 Temmuz 2007, cilt.274, ss.234

**LXXXII. Effects of doxorubicin on telomerase and apoptosis in doxorubicin resistant and sensitive MCF-7 cells**

Eskiocak U., Iseri O. D., Kars M. D., Bicer A., GÜNDÜZ U.

32nd Congress of the Federation-of-European-Biochemical-Societies (FEBS), Vienna, Avusturya, 7 - 12 Temmuz 2007, cilt.274, ss.156

**LXXXIII. Expression of multidrug resistance 1, lung resistance protein and breast cancer resistance protein genes in chronic lymphocytic and chronic myelogenous leukemia.**

Ural A. U., Iseri O. D., Mutlu P. K., Kars M. D., Avcu F., Gunduz U., Ilhan O.

48th Annual Meeting of the American-Society-of-Hematology, Florida, Amerika Birleşik Devletleri, 9 - 12 Aralık 2006, cilt.108

**LXXXIV. An improved technique for preparation of doxorubicin loaded PLGA microspheres for drug release studies**

Kars M. D., Iseri O. D., Kucuk B., Sen P., Gunduz U.

31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Türkiye, 24 - 29 Haziran 2006, cilt.273, ss.281

**LXXXV. An improved quantitative detection of telomerase activity in cervical and endometrial carcinoma**

Eskiocak U., Gunduz U., Zeren H., Vardar M.

31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Türkiye, 24 - 29 Haziran 2006, cilt.273, ss.191

**LXXXVI. Investigation of apoptotic gene expression levels in multidrug-resistant MCF-7 cell lines**

Iseri O. D., Kars M. D., Gunduz U.

31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Türkiye, 24 - 29 Haziran 2006, cilt.273, ss.80-81

**LXXXVII. Preparation and characterization of biodegradable microparticles for anticancer - drug release**

Eyovge G., Gunduz U., Gunduz G., Guc E.

31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Türkiye, 24 - 29 Haziran 2006, cilt.273, ss.283

- LXXXVIII. **Investigation of multidrug resistance in docetaxel and doxorubicin-resistant MCF-7 cell lines**  
Iscri O. D., Kars M. D., Gunduz U., Arpacı F.  
31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Türkiye, 24 - 29 Haziran 2006, cilt.273, ss.43
- LXXXIX. **Modulation of multidrug resistance in paclitaxel and vincristine resistant MCF-7 cell lines**  
Kars M. D., Iseri O. D., Gunduz U., Ural A. U., Molnar J.  
31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Türkiye, 24 - 29 Haziran 2006, cilt.273, ss.278
- XC. **A photodynamic pathway to apoptosis induced by hypericin in human myeloma ARH-77 cell line: Possible relevance to photodynamic therapy.**  
Avcu F., Ural A., Baran Y., Sobacı G., Deveci M., Cetin T., Pekel A., Sarper M., Elci P., Gunduz U.  
47th Annual Meeting of the American-Society-of-Hematology, Georgia, Amerika Birleşik Devletleri, 10 - 13 Aralık 2005, cilt.106
- XCI. **Aspects of the metabolism of hydrogen production by Rhodobacter sphaeroides**  
KOKU H., Erolu I., GÜNDÜZ U., Yücel M., Türker L.  
Biohydrogen 2002 (BIO-H2), Ede, Hollanda, 21 Nisan 2002, cilt.27, ss.1315-1329
- XCII. **Development of a drug targeting approach for cancer therapy: Drug carrier-protein conjugate**  
Muvaffak A., Gurhan I., Gunduz U., Hasirci N.  
23rd Annual International Conference of the IEEE-Engineering-in-Medicine-and-Biology-Society, İstanbul, Türkiye, 25 - 28 Ekim 2001, cilt.23, ss.3882-3886
- XCI. **Hydrogen production by different strains of Rhodobacter sphaeroides**  
Gunduz U., Turkarslan S., Yucel M., Turker L., Eroglu L.  
13th World Hydrogen Energy Conference, Beijing, Çin, 11 - 15 Haziran 2000, ss.434-439
- XCIV. **Photoelectrochemical H<sub>2</sub> production by using bacteriorhodopsin immobilized in PAG**  
Yucel M., El-Bashiti T., Eroglu I., Sediroglu V., Turker L., Gunduz U.  
13th World Hydrogen Energy Conference, Beijing, Çin, 11 - 15 Haziran 2000, ss.396-401
- XCV. **Photobiological hydrogen production by Rhodobacter sphaeroides O.U.001 by utilization of waste water from milk industry**  
Turkarslan S., Yigit D., Aslan K., Eroglu I., Gunduz U.  
International Conference on Biological Hydrogen Production, Hawaii, Amerika Birleşik Devletleri, 23 - 26 Haziran 1997, ss.151-156
- XCVI. **The effect of Halobacterium halobium on photoelectrochemical hydrogen production**  
Sediroglu V., Yucel M., Gunduz U., Turker L., Eroglu I.  
International Conference on Biological Hydrogen Production, Hawaii, Amerika Birleşik Devletleri, 23 - 26 Haziran 1997, ss.295-304
- XCVII. **Hydrogen gas production using coupled enzyme systems from E-coli and Halobacterium halobium**  
Kaya B., Gunduz U., Eroglu I., Turker L., Yucel M.  
11th World Hydrogen Energy Conference (11 WHEC), Stuttgart, Almanya, 23 - 28 Haziran 1996, ss.2595-2600
- XCVIII. **Photoproduction of hydrogen by Rhodobacter sphaeroides OU001**  
Arik T., Gunduz U., Yucel M., Turker L., Sediroglu V., Eroglu I.  
11th World Hydrogen Energy Conference (11 WHEC), Stuttgart, Almanya, 23 - 28 Haziran 1996, ss.2417-2426

## Desteklenen Projeler

GÜNDÜZ U., DAMLA YALÇIN G., Yükseköğretim Kurumları Destekli Proje, PALBOSİKLİK YÜKLÜ PAMAM DENDRİMER İLE KAPLANMIŞ MANYETİK NANOPARÇACIKLARIN 2D VE 3D ORTAMDA ÜRETİLEN MCF-7 MEME KANSERİ HÜCRELERİ ÜZERİNDEKİ ETKİSİ, 2018 - 2019

GÜNDÜZ U., URFALI MAMATOĞLU Ç., MUTLU P., Yükseköğretim Kurumları Destekli Proje, Kanser tedavisinde kullanılmak



üzere doksorubisin ve CpG-oligonükleotit yüklü manyetik nanoparçacıkların hazırlanması, 2017 - 2017

GÜNDÜZ U., Yükseköğretim Kurumları Destekli Proje, GEMCİTABİNE YÜKLÜ MEGNETİK NANOPARÇACIKLARA CEVAP OLARAK MEME KANSERİ GEN İFADE DÜZEY PROFİLİNİN BELİRLENMESİ, 2017 - 2017

GÜNDÜZ U., Yükseköğretim Kurumları Destekli Proje, SERAMİD /Sip SİNYAL YOLAĞININ TİROZİN KİNAZ İNHİBİTÖRLERİNE KARŞI GELİŞEN DİRENÇLİLİKTEKİ GÖREVİNİN İNCELENMESİ, 2017 - 2017

GÜNDÜZ U., KAZAN H. H., Yükseköğretim Kurumları Destekli Proje, Kronik myeloid lösemide anti-kanser ilaçlara karşı gelişen ilaç dirençliliğinde 15-Lipoksigenaz-1 enziminin rolünün araştırılması, 2017 - 2017

GÜNDÜZ U., PARSİAN M., Yalçın Azarkan S., MUTLU P., ZOR F., METİN E., Yükseköğretim Kurumları Destekli Proje, Heparin Hedeflemesinde Manyetik Polimerik Nanoparçacık Sistemlerin Geliştirilmesi, 2016 - 2016

GÖZEN A. G., BEKLİOĞLU M., KEPENEK E. Ş., İZGÜ K. F., GÜNDÜZ U., GÜRSEL M., DOĞAN M., ÖZCENGİZ G., BİLGİN C. C., ÖNDE S., Yükseköğretim Kurumları Destekli Proje, Kurşun ve Kadmiyum Ağır Metallerinin Yüksek Derişimlerine Alıştırılmış Çevresel Bakterilerde Maruziyet Altındaki Fizyolojik Uyumlamanın Moleküler Kökenleri, 2016 - 2016

GÜNDÜZ U., Yükseköğretim Kurumları Destekli Proje, Siklosporin A Yüklü Kitosan Kaplı Manyetik Nanoparçacıkların in vitro ve in vivo Toksikite ve Etkinlik Analizleri, 2016 - 2016

GÜNDÜZ U., BAHRIEH G., KÜLAH H., Yükseköğretim Kurumları Destekli Proje, Doksorubisin dirençli ve duyarlı meme kanseri hücre hatlarında hücre yüzey yükü farkının moleküler düzeyde belirlenmesi, 2015 - 2016

GÜNDÜZ U., Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

GÜNDÜZ U., Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

GÜNDÜZ U., Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

GÜNDÜZ U., ÖZEN C., ERDEM M., Yükseköğretim Kurumları Destekli Proje, Potasyum Kanal Proteini İfade Eden Kanser Hücrelerin Belirlenmesi Ve Karibdotoksinin Kanser Hücreleri Üzerindeki Sitotoksik Etkisi, 2015 - 2015

GÜNDÜZ U., Yalçın Azarkan S., MUTLU P., Yükseköğretim Kurumları Destekli Proje, Anti Kanser İlaç Yüklü Poli-Hidroksibütirat (PHB) Kaplı Manyetik Nanoparçacıkların Kanser Hücre Hatları Üzerindeki Etkinliğinin İmmünohistokimya Yöntemi İle Belirlenmesi, 2015 - 2015

GÜNDÜZ U., Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

GÜNDÜZ U., Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

GÜNDÜZ U., Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

GÜNDÜZ U., NABIOĞLU A., Ünsoy G., KESKİN D., Yalçın Azarkan S., MUTLU P., Yükseköğretim Kurumları Destekli Proje, NEK6'nın Apoptoz, Hücre Döngüsü ve İnvazyon Üzerindeki Etkisinin Prednizon Dirençli Multipl Miyelom Hücre Hattında İncelenmesi, 2014 - 2015

GÜNDÜZ U., UNSOY G., Yalçın S., Yükseköğretim Kurumları Destekli Proje, Doksorubisin Bağlı Kitosan Kaplı Manyetik Nanoparçacıkların Meme Kanseri Hücre Hatları Üzerindeki Etkinliğinin İmmünohistokimya Yöntemi İle Belirlenmesi, 2013 - 2015

GÜNDÜZ U., Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

GÖZEN A. G., ÖKTEM H. A., BUCAK T., COPPENS J. E. P., KALVENAS J. E., İZGÜ K. F., BEKLİOĞLU M., BİRAND ÖZSOY A. C., GÜNDÜZ U., GÜRSEL M., et al., Yükseköğretim Kurumları Destekli Proje, Sucul biofilm bakterilerinin arsenik, nikel ve kadmiyum dirençlerinin belirlenmesi ve moleküler karakterizasyonu, 2013 - 2014

GÜNDÜZ U., Yalçın Azarkan S., Ünsoy G., TEZCANER A., MUTLU P., Yükseköğretim Kurumları Destekli Proje, Kanser Hücre Hatlarında Sirna Yüklü Manyetik Nanoparçacıklar Yoluyla Survivin İfadesinin Engellenmesi, 2012 - 2014

GÜNDÜZ U., Ünsoy G., MUTLU P., Yükseköğretim Kurumları Destekli Proje, Anti Kanser İlaç Hedflemesi Amacı İle Hazırlanmış Polimer Kaplı Manyetik Monoparçacıkların İn Vivo Toksikite Analizleri, 2012 - 2014

GÜNDÜZ U., ALPSOY A., Yükseköğretim Kurumları Destekli Proje, ÇOKLU İLAÇ DİRENÇLİ MCF-7 HÜCRE HATLARINDA PROTEİN KİNAZ D2 İFADESİNİN İLAÇ DİRENÇLİLİĞİNE ETKİSİ, 2013 - 2013

GÜNDÜZ U., ERSON BENSAN A. E., PARSİAN M., Yükseköğretim Kurumları Destekli Proje, DENDRİMERİK MANYETİK

NANOPARÇACIKLARA DOKSORUBISIN BAĞLAYIP VE MCF-7 MEME KANSERİ HÜCRE HATTINA UYGULANMASI, 2013 - 2013

GÜNDÜZ U., TAGHAVI POURIANAZAR N., Yükseköğretim Kurumları Destekli Proje, ANTI-HER2 BAĞLI PHB POLİMERİ İLE KAPLI MANYETİK NANOPARÇACIKLARIN HAZIRLANMASI VE MCF-7 MEME KANSERİ HÜCRE HATTINA UYGULANMASI, 2013 - 2013

GÜNDÜZ U., ERDEM M., Yükseköğretim Kurumları Destekli Proje, İLAÇ YÜKLÜ MANYETİK NANOPARÇACIK SENTEZİ VE MCF-7 HÜCRE HATTINDA MEME KANSERİ DİRENÇLİLİK PROTEİNİNDEN KAYNAKLANAN ÇOKLU İLAÇ DİRENÇLİLİĞİNİN AŞILMASI, 2013 - 2013

GÜNDÜZ U., URFALI Ç., Yükseköğretim Kurumları Destekli Proje, PROGRAMMED CELL DEATH 10 (PDCD10) PROTEİNİNİN İLACA DİRENÇLİ MCF7 HÜCRE HATLARINDAKİ ROLÜNÜN İNCELENMESİ, 2013 - 2013

EROĞLU İ., Androga D. D., GÜNDÜZ U., Yükseköğretim Kurumları Destekli Proje, Modeling And Simulation Of Photobioreactors For Biological Hydrogen Production, 2012 - 2013

GÜNDÜZ U., Yükseköğretim Kurumları Destekli Proje, MCF-7 Hücre Hattında Etoposid Dirençliliğinin İncelenmesi Ve İlaç Dozuna Dirençlilik Mekanizmalarının Saptanması, 2012 - 2012

GÜNDÜZ U., Yükseköğretim Kurumları Destekli Proje, Meme Kanseri Hücre Hatlarında Çoklu İlaç Dirençliliğinin İncelenmesi Ve Dirençliliğin Farklı Yöntemlerle Geri Çevrilmesi, 2011 - 2011

GÜNDÜZ U., Yükseköğretim Kurumları Destekli Proje, Yüksek Doz Kemoterapi Ve Otolog Kök Hücre Nakli Yapılmış Evre Üç Meme Kanseri İyi Ve Kötü Prognozlu Hastaların Parafinlenmiş Doku Örneklerinin Genom Düzeyinde İncelenmesi, 2010 - 2011

GÜNDÜZ U., Yükseköğretim Kurumları Destekli Proje, Yüksek Doz Kemoterapi Ve Otolog Kök Hücre Nakli Yapılmış Evre Osteosarkom Hastaların Parafinlenmiş Akciğer Metastatik Tümör Örneklerinin Dna Mikrodizin Yöntemi İle İncelenmesi, 2010 - 2011

GÜNDÜZ U., Yükseköğretim Kurumları Destekli Proje, Kansere Tedavisinde Manyetik Nanoparçacıklar İlaç Hedeflenmesi, 2010 - 2010

GÜNDÜZ U., Yükseköğretim Kurumları Destekli Proje, Multipl Myeloma Hücre Hatlarında İlaç Dirençliliği Mekanizmalarının Mikroarray Yöntemi ile....., 2009 - 2009

## **Metrikler**

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