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Publons / Web Of Science ResearcherID: N-6551-2019

ScopusID: 13205091800

Yoksis Researcher ID: 51776



Education Information

Post Doctorate, University College London, UCL School of Pharmacy, The Centre for Drug Delivery Research, England 2008 - 2009

Doctorate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Teknoloji (Dr), Turkey 1998 - 2005

Postgraduate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Teknoloji (YI) (Tezli), Turkey 1995 - 1998

Undergraduate, Anadolu University, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Turkey 1990 - 1995

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Farmasötik biyoteknolojide gen tedavisi amaçlı plazmit DNA taşıyıcı katyonik katı-lipit nano-veya mikropartiküllerin hazırlanması çalışmaları, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Teknoloji (Dr), 2005

Postgraduate, Zizyphus jujuba (Hünnap) bitkisinin S/Y emülsiyon sistemi halinde formülasyonu ve değerlendirilmesi, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Teknoloji (YI) (Tezli), 1998

Research Areas

Pharmaceutical Biotechnology, Pharmaceutical Technology

Academic Titles / Tasks

Professor, Anadolu University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2023 - Continues
Associate Professor, Anadolu University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2018 - 2023
Assistant Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK TEKNOLOJİSİ BÖLÜMÜ, 2008 - 2018
Lecturer, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK TEKNOLOJİSİ BÖLÜMÜ, 2005 - 2008
Research Assistant, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK TEKNOLOJİSİ BÖLÜMÜ, 1997 - 2005

Academic and Administrative Experience

Anadolu University, 2006 - Continues
Anadolu University, 2011 - 2012

Courses

Biyolojik/Biyoteknolojik Ürünlerin Kozmetik Ürünlerde Kulla., Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023
Kanıt Dayalı Eczacılık ve Araştırma X, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
Therapeutic Proteins, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022
PHARMACEUTICAL BIOTECHNOLOGY, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
Biosimilar Products and General Practices in Their Licensing, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2017 - 2018
Mezuniyet Projesi, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
Active and Auxiliary Ingredients Used in Cosmetic Products, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023
ONAYLI REKOMBİNANT ANTİKORLAR, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
TEZ, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2017 - 2018, 2016 - 2017, 2012 - 2013, 2011 - 2012
UZMANLIK ALAN DERSİ, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2017 - 2018, 2016 - 2017, 2012 - 2013, 2011 - 2012
SEMİNER, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2017 - 2018, 2016 - 2017, 2011 - 2012
Production Process of Biological/Biotechnological Drugs, Postgraduate, 2022 - 2023
Targeting Methods in Pharmaceutical Biotechnology, Doctorate, 2021 - 2022, 2020 - 2021, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
Production and Formulation of Monoclonal Antibodies, Postgraduate, 2021 - 2022
İMMÜNÖTERAPÖTİK ÜRÜNLER VE TEKNOLOJİSİ, Postgraduate, 2021 - 2022, 2020 - 2021, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
ANTİSENS TEKNOLOJİSİ VE İNOVATİF YAKLAŞIMLAR, Postgraduate, 2017 - 2018
FARMASÖTİK BİYOTEKNOLOJİ ÜRÜNLERİ VE UYGULAMA ALANLARI, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2007 - 2008
MEZUNİYET PROJESİ I, Undergraduate, 2017 - 2018, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2009 - 2010
DNA AŞILARI VE VİRAL VEKTÖRLER, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
PEPTİT VE PROTEİN YAPILI İLAÇLAR VE FARMAKOKİNETİKLERİ, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2011 - 2012, 2010 - 2011
Antisens Teknolojisi ve İnovatif Yaklaşımlar, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
Farmasötik Biyoteknoloji, Undergraduate, 2015 - 2016, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
Protein/Peptit Dozaj Şekli Tasarımı ve Kontrolü, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
Aşılar ve Üretim Teknolojileri, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
Farmasötik Biyoteknolojide Modern Taşıyıcı Sistemler, Undergraduate, 2014 - 2015
Hastane Eczanesi Teknikerliği, Undergraduate, 2013 - 2014

İmmünoterapötik İlaçlar ve Teknolojisi, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012
Farmasötik Biyoteknoloji Ürünler ve Uygulama İlkeleri, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
İlaç Taşıyıcı sistem Tasarımı Ve Değerlendirilmesi , Postgraduate, 2012 - 2013
Farmasötik Biyoteknolojide Üretim Ve Uygulama İlkeleri, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011
Mezuniyet Projesi II, Undergraduate, 2012 - 2013, 2011 - 2012, 2009 - 2010
Eczane Hizmetleri İlkeleri ve Etik Kuarıllar, Undergraduate, 2012 - 2013
Hücre İçine İlaç Taşıyıcı Sistem Tasarımı, Undergraduate, 2012 - 2013, 2011 - 2012
Mesleki İngilizce, Associate Degree, 2011 - 2012
Biyoteknoloji ve Biyogüvenlik, Associate Degree, 2011 - 2012
Modern ilaç Taşıyıcı Sistemler, Postgraduate, 2011 - 2012
Mesleki İngilizce, Undergraduate, 2011 - 2012
Modern İlaç Taşıyıcı Sistemler, Doctorate, 2011 - 2012
Peptit ve Protein Yapılı İlaçlar, Postgraduate, 2011 - 2012, 2010 - 2011
Biyoteknoloji ve Biyogüvenlik, Undergraduate, 2011 - 2012
Hastane Eczacılığı, Undergraduate, 2011 - 2012
Eczacılık Mevzuatı, Undergraduate, 2010 - 2011, 2006 - 2007
Akıllı İlaç Taşıyıcı Sistemler, Undergraduate, 2010 - 2011
Pharmaceutical Thecnology I, Undergraduate, 2010 - 2011
Farmasötik Teknoloji Uygulamaları III, Undergraduate, 2010 - 2011, 2009 - 2010, 2007 - 2008, 2006 - 2007, 2005 - 2006
İlaç Araştırma-Geliştirmede Laboratuvar Disiplini , Undergraduate, 2010 - 2011
Pharmaceutical Technology I, Undergraduate, 2010 - 2011
Farmasötik Teknoloji Uygulamaları II, Undergraduate, 2009 - 2010, 2007 - 2008, 2006 - 2007, 2005 - 2006
Farmasötik Teknoloji Uygulamaları IV, Undergraduate, 2009 - 2010, 2007 - 2008, 2006 - 2007, 2005 - 2006
Farmasötik Biyoteknolojiye Başlangıç, Undergraduate, 2009 - 2010, 2007 - 2008, 2006 - 2007
Farmasötik Biyoteknolojinin Esasları, Undergraduate, 2007 - 2008
Farmasötik Teknoloji Uygulamaları I, Undergraduate, 2007 - 2008, 2006 - 2007, 2005 - 2006

Advising Theses

Büyükköroğlu G., Ülseratif kolit tedavisine yönelik mesalazin ve eksozomun mikroakışkan tabanlı sistem ile enkapsülasyonu, Postgraduate, C.KÖROĞLU(Student), 2024
Demirci F., Büyükköroğlu G., Kitosan ve standardize bitkisel ekstre kombinasyonlarıyla yara bakım formülasyonu geliştirilmesine yönelik ön çalışmalar, Postgraduate, C.TURHAL(Student), 2024
Büyükköroğlu G., Development and evaluation of multiferroic nanoparticle-based drug delivery system, Doctorate, G.SEVİM(Student), 2023
Büyükköroğlu G., Preparation and characterization of in situ gelling system containing meis protein inhibitor loaded albumin nanoparticles and iRGD peptide, Postgraduate, G.DEĞER(Student), 2021
GÜLAY B., Kurkumin içeren yara iyi edici sistem geliştirmek için bakteriden polihidroksialkanoatlar (PHA)'ın üretilmesi, Postgraduate, B.LATİFE(Student), 2020
GÜLAY B., Bacillus suşu kullanılarak kısa zincir uzunluğunda (SCL) polihidroksialkanoat (PHS) sentezi, karakterizasyonu ve kollajen ile formülasyonu, Postgraduate, M.YILMAZ(Student), 2020
GÜLAY B., Development and Evaluation of Multiferroic Nanoparticle-Based Drug Delivery System, Doctorate, G.SEVİM(Student), 2020
GÜLAY B., Gen taşıyıcı sistem olarak hdl (Yüksek-yoğunluklu lipoprotein) mikro-ve nanopartiküllerinin hazırlanması, Postgraduate, R.MASIMOV(Student), 2019
Büyükköroğlu G., Development and evaluation of venetoclax and siRNA loaded albumin based carrier systems, Postgraduate, B.ÇALIŞKAN(Student), 2019
Büyükköroğlu G., DEVELOPMENT OF ALTERNATIVE GEL FORMULATION FOR REPAIRING CARTILAGE TISSUE DAMAGE, Postgraduate, M.BEKİROĞLU(Student), 2019

Büyükköroğlu G., ŞENEL B., siRNA yüklü albumin taşıyıcı sistemlerin inhaler uygulama için geliştirilmesi ve değerlendirilmesi, Postgraduate, S.ALAGÖZ(Student), 2019

Büyükköroğlu G., Micro- and nanoparticles that will be used for pharmaceutical purpose, are attached to antibody and research of their efficiencies, Postgraduate, S.GEZGİN(Student), 2013

Yazan E. Y., Büyükköroğlu G., Developing and evaluating studies on sirna delivery systems, Doctorate, B.ŞENEL(Student), 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Co-Delivery of siRNA and Docetaxel to Cancer Cells by NLC for Therapy**
Şenel B., Başaran E., Akyl E., Güven U. M., Büyükköroğlu G.
ACS OMEGA, vol.9, no.10, pp.11671-11685, 2024 (SCI-Expanded)
- II. **Stem Cell-Based or Cell-Free Gene Therapy in Chondrocyte Regeneration: Synovial Fluid-Derived Mesenchymal Stem Cell Exosomes**
UYSAL O., Erybeh H., CANBEK M., Ekenel E. Q., Gunes S., BÜYÜKKÖROĞLU G., SEMERCİ SEVİMLİ T., ÇEMREK F., SARIBOYACI A. (.
CURRENT MOLECULAR MEDICINE, vol.24, no.7, pp.906-919, 2024 (SCI-Expanded)
- III. **Formulation and Characterization Studies of Paclitaxel Incorporated Kollidon® SR and Chitosan Nanoparticles: An *In vitro* Evaluation for Potential Use for Colorectal Cancer Treatment**
Koca Ö. A., Büyükköroğlu G., Başaran E.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.21, no.1, pp.189-202, 2024 (SCI-Expanded)
- IV. **HDL-Chitosan Nanoparticles for siRNA Delivery as an SR-B1 Receptor Targeted System**
Masimov R., Büyükköroğlu G.
Combinatorial Chemistry & High Throughput Screening, vol.26, pp.2541-2553, 2023 (SCI-Expanded)
- V. **Formulation and characterization studies of inclusion complexes of voriconazole for possible ocular application**
BAŞARAN E., AYKAÇ K., Yenilmez E., BÜYÜKKÖROĞLU G., TUNALI Y., DEMİREL M.
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.27, no.2, pp.228-241, 2022 (SCI-Expanded)
- VI. **Preparation and Characterization of Palladium Derivate-Loaded Micelle Formulation in Vitro as an Innovative Therapy Option against Non-Small Cell Lung Cancer Cells**
Erkisa M., ARI F., BÜYÜKKÖROĞLU G., ŞENEL B., YILMAZ V. T., ULUKAYA E.
CHEMISTRY & BIODIVERSITY, vol.18, no.9, 2021 (SCI-Expanded)
- VII. **Anticancer Potential of Albumin Bound Wnt/beta-Catenin Pathway Inhibitor Niclosamide in Breast Cancer Cells**
ARI F., Erkisa M., Pekel G., Erturk E., BÜYÜKKÖROĞLU G., ULUKAYA E.
CHEMISTRYSELECT, vol.6, no.29, pp.7463-7475, 2021 (SCI-Expanded)
- VIII. **Moxifloxacin Hydrochloride-Loaded Eudragit (R) RL 100 and Kollidon (R) SR Based Nanoparticles: Formulation, In vitro Characterization and Cytotoxicity**
YURTDAS KIRIMLIOĞLU G., ÖZER S., BÜYÜKKÖROĞLU G., Yazan Y.
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.24, no.3, pp.328-341, 2021 (SCI-Expanded)
- IX. **Graphene quantum dots: Synthesis, characterization, cell viability, genotoxicity for biomedical applications**
ŞENEL B., DEMİR N., BÜYÜKKÖROĞLU G., Yildiz M.
SAUDI PHARMACEUTICAL JOURNAL, vol.27, no.6, pp.846-858, 2019 (SCI-Expanded)
- X. **Spray-dried Ketoprofen Lysine-incorporated PLGA Nanoparticles; Formulation, Characterization, Evaluation and Cytotoxic Profile**
Elmaskaya A., Öztürk A. A., Büyükköroğlu G., Yenilmez E.
INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.81, no.4, pp.640-650, 2019 (SCI-Expanded)
- XI. **Vaginal Suppositories with siRNA and Paclitaxel-Incorporated Solid Lipid Nanoparticles for Cervical Cancer: Preparation and In Vitro Evaluation**

BÜYÜKKÖROĞLU G., ŞENEL B., Yenilmez E.

RNA INTERFERENCE AND CANCER THERAPY: METHODS AND PROTOCOLS, vol.1974, pp.303-328, 2019 (SCI-Expanded)

XII. Nanocarriers for Vaccine and Gene Delivery Application

ŞENEL B., BÜYÜKKÖROĞLU G.

MULTIFUNCTIONAL NANOCARRIERS FOR CONTEMPORARY HEALTHCARE APPLICATIONS, pp.381-414, 2018 (SCI-Expanded)

XIII. Engineering Monoclonal Antibodies: Production and Applications

BÜYÜKKÖROĞLU G., ŞENEL B.

OMICS TECHNOLOGIES AND BIO-ENGINEERING: TOWARDS IMPROVING QUALITY OF LIFE, VOL 1: EMERGING FIELDS, ANIMAL AND MEDICAL BIOTECHNOLOGIES, pp.353-389, 2018 (SCI-Expanded)

XIV. Techniques for Protein Analysis

BÜYÜKKÖROĞLU G., DEMİR DORA D., ÖZDEMİR F., Hizel C.

OMICS TECHNOLOGIES AND BIO-ENGINEERING: TOWARDS IMPROVING QUALITY OF LIFE, VOL 1: EMERGING FIELDS, ANIMAL AND MEDICAL BIOTECHNOLOGIES, pp.317-351, 2018 (SCI-Expanded)

XV. Formulation and In Vitro Evaluation of Moxifloxacin Hydrochloride-Loaded Polymeric Nanoparticles for Ocular Application

YURTDAŞ KIRIMLIOĞLU G., ÖZER S., BÜYÜKKÖROĞLU G., Yazan Y.

LATIN AMERICAN JOURNAL OF PHARMACY, vol.37, no.9, pp.1850-1862, 2018 (SCI-Expanded)

XVI. Preparation and In Vitro Evaluation of DNA-Bonded Polymeric Nanoparticles as New Approach for Transcutaneous Vaccination

BÜYÜKKÖROĞLU G., ŞENEL B., Karabacak R. B.

LATIN AMERICAN JOURNAL OF PHARMACY, vol.36, no.4, pp.730-739, 2017 (SCI-Expanded)

XVII. Preparation and in vitro evaluation of vaginal formulations including siRNA and paclitaxel-loaded SLNs for cervical cancer

Büyükköroğlu G., Şenel B., Başaran E., Yenilmez E., Yazan Y.

EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS, vol.109, pp.174-183, 2016 (SCI-Expanded)

XVIII. The simultaneous delivery of paclitaxel and Herceptin (R) using solid lipid nanoparticles: In vitro evaluation

BÜYÜKKÖROĞLU G., ŞENEL B., Gezgin S., Tan Dinh T. D.

JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.35, pp.98-105, 2016 (SCI-Expanded)

XIX. Development of paclitaxel-loaded liposomal systems with anti-her2 antibody for targeted therapy

BÜYÜKKÖROĞLU G., ŞENEL B., BAŞARAN E., Gezgin S.

TROPICAL JOURNAL OF PHARMACEUTICAL RESEARCH, vol.15, no.5, pp.895-903, 2016 (SCI-Expanded)

XX. Solid lipid and chitosan particulate systems for delivery of siRNA

ŞENEL B., BÜYÜKKÖROĞLU G., Yazan Y.

PHARMAZIE, vol.70, no.11, pp.698-705, 2015 (SCI-Expanded)

XXI. Preparation and physicochemical characterizations of solid lipid nanoparticles containing DOTAP for DNA delivery

BÜYÜKKÖROĞLU G., YAZAN E. Y., Oner A. F.

TURKISH JOURNAL OF CHEMISTRY, vol.39, no.5, pp.1012-1024, 2015 (SCI-Expanded)

XXII. Chitosan nanoparticles for ocular delivery of cyclosporine A

BAŞARAN E., Yenilmez E., BERKMAN M. S., BÜYÜKKÖROĞLU G., Yazan Y.

JOURNAL OF MICROENCAPSULATION, vol.31, no.1, pp.49-57, 2014 (SCI-Expanded)

XXIII. Enhancement in dissolution pattern of piribedil by molecular encapsulation with β -cyclodextrin

Demirel M., Buyukkoroglu G., Kalava B., Yazan Y.

METHODS AND FINDINGS IN EXPERIMENTAL AND CLINICAL PHARMACOLOGY, no.2, pp.83-88, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **Development of Solid Lipid Gene Delivery System**
BÜYÜKKÖROĞLU G.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.13, no.2, pp.249-258, 2016 (Scopus)
- II. **Development of solid lipid gene delivery system Katı lipit gen taşıyıcı sistem geliştirilmesi**
BÜYÜKKÖROĞLU G.
Turkish Journal of Pharmaceutical Sciences, vol.13, no.2, pp.249-258, 2016 (Scopus)
- III. **Paclitaxel loaded cationic solid lipid nanoparticle formulation, preparation and evaluation**
Öztürk A. A., Şenel B., Yenilmez E., Başaran E., Büyükköroğlu G.
JOURNAL OF NANOMEDICINE AND NANOTECHNOLOGY, vol.5, no.5, pp.202, 2014 (Peer-Reviewed Journal)
- IV. **Enhanced Bioavailability of Cinnarizine Using Solid Dispersion In Vitro and In Vivo Evaluation**
DEMİREL M., BÜYÜKKÖROĞLU G., SIRMAGÜL B., KALAVA B. S., ÖZTÜRK N., YAZAN E. Y.
Current Drug Therapy, vol.9, pp.294-301, 2014 (Peer-Reviewed Journal)
- V. **Enhanced Bioavailability of Cinnarizine Using Solid Dispersion: In Vitro and In Vivo Evaluation**
Demirel M., BÜYÜKKÖROĞLU G., SIRMAGÜL B., Kalava B. S., Ozturk N., Yazan Y.
CURRENT DRUG THERAPY, vol.9, no.4, pp.294-301, 2014 (ESCI)
- VI. **Enhancement of the Ocular Bioavailability of Cyclosporine A by Cationic Polymeric Nanoparticles**
BAŞARAN E., YENİLMEZ E., BÜYÜKKÖROĞLU G., BERKMAN M. S., YAZAN E. Y.
JOURNAL OF BIOEQUIVALENCE AND BIOAVAILABILITY, vol.5, no.3, pp.45, 2013 (Peer-Reviewed Journal)
- VII. **Development and Evaluation of a Cosmetic W O Emulsion System Containing a Model Plant Extract**
BÜYÜKKÖROĞLU G., YAZAN E. Y.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.1, no.1, pp.31-46, 2004 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Nucleic Acid-Loaded Nanomedicines with Enhanced Anticancer Potential**
Şenel B., Büyükköroğlu G.
in: Bioactive-Loaded Nanomedicine for the Management of Health and Disease, Mahfoozur Rahman, Sarwar Beg, Khalid S. Alharbi, Waleed Hassan Almalki, Nabil K. Alruwaili, Majed Al Robaian, Editor, CRC, New York, Burlington, pp.37-60, 2023
- II. **Nucleic Acid-Loaded Nanomedicines with Enhanced**
ŞENEL B., BÜYÜKKÖROĞLU G.
in: BIOACTIVE-LOADED NANOMEDICINE FOR THE MANAGEMENT OF HEALTH AND DISEASE, Mahfoozur Rahman, Sarwar Beg, Khalid S. Alharbi, Waleed Hassan Almalki, Nabil K. Alruwaili, Majed Al Robaian, Editor, Apple Academic Press Inc, Burlington, pp.37-59, 2023
- III. **Biotechnology in cosmetics**
ŞENEL B., BÜYÜKKÖROĞLU G., SEVİM G.
in: Biotechnology in Healthcare, Volume 2: Applications and Initiatives, Debmalaya Bahr, Editor, Elsevier, pp.273-288, 2022
- IV. **Biotechnology in cosmetics**
BÜYÜKKÖROĞLU G., ŞENEL B., SEVİM G.
in: Biotechnology in Healthcare, Volume 2: Applications and Initiatives, Barh, Debmalaya, Editor, Elsevier, Oxford, pp.273-287, 2022
- V. **Biotechnology applications in clinical trials**
BÜYÜKKÖROĞLU G., ŞENEL B., ŞALVA E., Çalıřkan B.
in: Biotechnology in Healthcare, Volume 2: Applications and Initiatives, Debmalaya Bahr, Editor, Elsevier, pp.163-196, 2022
- VI. **Biotechnology applications in clinical trials**
BÜYÜKKÖROĞLU G., ŞENEL B., ŞALVA E., Çalıřkan B.

in: Biotechnology in Healthcare, Volume 2: Applications and Initiatives, Barh, Debmalya, Editor, Elsevier, Oxford, pp.163-216, 2022

VII. **Tıbbi Ürünler**

BÜYÜKKÖROĞLU G.

in: Genel Tıbbi Ürün ve Tıbbi Cihaz Bilgisi, Fatih Demirci, Editor, Anadolu Üniversitesi, Eskişehir, pp.35-68, 2020

VIII. **Vaginal Suppositories with siRNA and Paclitaxel-Incorporated Solid Lipid Nanoparticles for Cervical Cancer: Preparation and In Vitro Evaluation**

BÜYÜKKÖROĞLU G., ŞENEL B., YENİLMEZ E.

in: RNA Interference and Cancer Therapy, Kumar, Lekha Dinesh, Editor, Springer, pp.303-328, 2019

IX. **Techniques for Protein Analysis**

BÜYÜKKÖROĞLU G., DEMİR DORA D., ÖZDEMİR F., HİZEL C.

in: Omics Technologies and Bio-engineering Volume 1 :Towards Improving Quality of Life, Debmalya Barh and Vasco Azevedo, Editor, Elsevier Inc., Academic Press, pp.317-352, 2018

X. **Techniques for Protein Analysis**

BÜYÜKKÖROĞLU G., DEMİR DORA D., ÖZDEMİR F., HİZEL C. H.

in: Omics Technologies and Bio-engineering Volume 1: Towards Improving Quality of Life, Debmalya Barh and Vasco Azevedo, Editor, Elsevier Inc Academic Press, pp.317-352, 2018

XI. **Engineering Monoclonal Antibodies: Production and Applications**

BÜYÜKKÖROĞLU G., ŞENEL B.

in: Omics Technologies and Bio-engineering Volume 1 :Towards Improving Quality of Life, Debmalya Barh and Vasco Azevedo, Editor, Elsevier Inc., Academic Press, pp.353-390, 2018

XII. **Nanocarriers for Vaccine and Gene Delivery Application**

ŞENEL B., BÜYÜKKÖROĞLU G.

in: Multifunctional Nanocarriers for Contemporary Healthcare Applications, Md. Abul Barkat , Harshita A.B. , Sarwar Beg and Farhan J. Ahmad, Editor, IGI GLOBAL, pp.381-414, 2018

XIII. **Engineering Monoclonal Antibodies: Production and Applications**

BÜYÜKKÖROĞLU G., ŞENEL B.

in: OMICS TECHNOLOGIES AND BIO-ENGINEERING: Towards Improving Quality of Life, Debmalya Barh, Vasco Azevedo, Editor, Elsevier, pp.353-389, 2018

XIV. **Biyolojik ve Biyoteknolojik Ürünler Çalışma Grubu (Analiz Yöntemleri-Konak Hücre Protein Tayini İşlemleri)**

ŞENEL S., BOZKIR A., ÖNER A. F., KARAAĞAOĞLU A. E., KANTARCI A. G., VURAL İ., ALPAR C. R., GÜRSOY R. N., bilge dağalap s., GÜRHAN S. İ., et al.

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