Assoc. Prof. CAN ÖZEN

Personal Information

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International Researcher IDs
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ScopusID: 6507131483
Yoksis Researcher ID: 163753

Education Information

Doctorate, University of Tennessee, Knoxville, Yasam Bilimleri, United States Of America 2001 - 2007

Foreign Languages

English, C1 Advanced

Research Areas

Life Sciences, Biotechnology, Natural Sciences

Academic Titles / Tasks

Associate Professor, Middle East Technical University, Graduate School of Natural and Applied Sciences, Biotechnology, 2014 - Continues

Advising Theses

ÖZEN C., ECODAT: A web-based application and database for limnological monitoring data, Postgraduate, A.DEĞERMENCİ(Student), 2022
ÖZEN C., Investigation and comparison of the therapeutic effects of palbociclib-loaded magnetic nanoparticles on 2D, 3D and ex-vivo breast cancer models, Doctorate, M.PARSIAN(Student), 2022
SON Ç. D., ÖZEN C., Nucleic acid based in-vitro diagnostic device, Doctorate, O.BALCI(Student), 2018
ÖZÇUBUKÇU S., ÖZEN C., Anticancer activity of chlorpromazine on U266 multiple myeloma cell line, Postgraduate, A.EZGİ(Student), 2017
ÖZÇUBUKÇU S., ÖZEN C., Synthesis of chlorotoxin and its derivatives as enzyme inhibitors, Postgraduate, M.SEÇKİN(Student), 2017
ÖZEN C., Repurposing of antipsychotic agent trifluoperazine for multiple myeloma treatment: In vitro studies, Postgraduate, H.ATAŞ(Student), 2016

KESKİN D., ÖZEN C., Development of gemcitabine and clofazimine co-loaded liposomal delivery system for osteosarcoma treatment, Postgraduate, Y.ÇALIŞKAN(Student), 2016
ÖZEN C., Anticancer effect and combination potential of Clofazimine in Multiple Myeloma, Doctorate, İ.ZEYNEP(Student), 2016
ÖZEN C., Nortriptyline, a tricyclic antidepressant, induces apoptosis in U266 Multiple Myeloma cell line, Postgraduate, A.BİBER(Student), 2016
BANERJEE S., ÖZEN C., Induction of apoptosis and cell cycle arrest on u266 multiple myeloma cell line by prochlorperazine, Postgraduate, H.HAZAL(Student), 2016
KESKİN D., ÖZEN C., Development of gemcitabine and clofazimine coloaded liposomal delivery system for osteosarcom treatment, Postgraduate, Y.Çalışkan(Student), 2016
ÖZEN C., ÖZÇUBUKÇU S., Nortriptyline, a tricyclic antidepressant, induces apoptosis in U266 multiple myeloma cell line /, Postgraduate, A.Biber(Student), 2016
ÖZEN C., Protoiurus kraepelini (Scorpiones: Iurıdae) zehrinin peptidomik karakterizasyonu ve biyoaktivite taraması, Doctorate, T.DOĞAN(Student), 2015
ÖZEN C., GÜRSEL M., Peptidomic characterization and bioactivity screening of Leiurus abdullahbayrami (scorpiones: buthidae) venom /, Postgraduate, E.Erdeş(Student), 2015
ÖZEN C., DNA-based assembly of transcription factors for bioluminescence resonance energy transfer (BRET) assay /, Postgraduate, H.HÜSEYİN(Student), 2015
ÖZEN C., GÜRSEL M., Peptidomic characterization and bioactivity screening of Leiurus abdullahbayrami (Scorpiones:Buthidae) venom, Postgraduate, E.ERDEŞ(Student), 2015
ÖZÇUBUKÇU S., ÖZEN C., Synthesis of peptide inhibitors for matrix metalloproteinase-2 and angiotensin converting enzyme /, Postgraduate, B.ÇİFÇİ(Student), 2014
SON Ç. D., ÖZEN C., Labeling and optimization of organelle marker for co-localization with yeast GPCR dimers, Postgraduate, İ.SÜDER(Student), 2013
SON Ç. D., ÖZEN C., Labeling and optimization of organelle markers for co-localization with yeast GPCR dimers, Postgraduate, İ.Süder(Student), 2013
YILDIZ F., ÖZEN C., Investigation the effects of different support medium on product with nutrient film technique, Postgraduate, A.İncemehmetoğlu(Student), 2012
ÖZEN C., Ag2S/2-MPA quantum dots; cytocompatibility and cellular internalization, Postgraduate, R.ERDEM(Student), 2012
ÖZEN C., IN-VITRO CHARACTERIZATION OF A NOVEL CDTE-CDS/2MPA-DMSA QUANTUM DOT, Postgraduate, E.SAYIN(Student), 2011
AKATA KURÇ B., ÖZEN C., Immobilization of proteins on zeolite and zeo-type materials for biosensor applications based on conductometric biosensors and ion sensitive field effect transistors, Postgraduate, E.SOY(Student), 2011
ÖZEN C., ÖKTEM H. A., Development of a sandwich-type dna array platform for the detection of label-free oligonucleotide targets, Postgraduate, S.CANSIZ(Student), 2010
ÖZEN C., ÖKTEM H. A., The development of alkaline phosphatase based paper bioreporter for evaluation of milk pasteurization, Postgraduate, C.KARAKAŞ(Student), 2009

Supported Projects

ÖZEN C., PEKŞEN C., Project Supported by Higher Education Institutions, TEMPORİN-LA PEPTİDİNİN MULTİPLE MYELOMA ÜZERİNDEKİ ANTİ-KANSER ETKİ VE MEKANİZMASI'NIN ARAŞTIRILMASI, 2018 - 2022
ÖZEN C., Project Supported by Higher Education Institutions, Multipl Miyelomda Serum Açlığına Bağlı Otofajiden Sonra MikroRNA İfade Analizi, 2018 - 2020
Tezcaner A., Erel Göktepe İ., Keskin D., Tönük E., Özen C., Ercan B., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, BIOMATEN'in Nano-Mikro Alanlarında ve Hastaya Özel Üretim Konusunda Gelişmesi, 2018 - 2018
ÖZEN C., Project Supported by Higher Education Institutions, ANTİHİSTAMİNİK İLAÇLAR OLAN EBASTİN VE DESLORATADİNİN BORTEZOMİB DUYARLI VE DİRENÇLİ U266 MULTİPL MİYELOM HÜCRE HATLARI ÜZERİNDEKİ APOPTATİK VE SİNERJİK ETKİLERİNİN ARAŞTIRILMASI, 2017 - 2017

ÖZEN C., Project Supported by Higher Education Institutions, KLORPROMZİN'İN U266 MULTİPL MİYELOM HÜCRE HATTI ÜZERİNDEKİ ANTİ-KANSER AKTİVİTESİ, 2017 - 2017
ÖZEN C., ÖZÇUBUKÇU S., Project Supported by Higher Education Institutions, Vm24 Akrep Zehir Peptidinin Sentezi ve İn Vitro Antikanser Etkisinin Belirlenmesi, 2016 - 2017
ÖZEN C., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016
ÖZEN C., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016
ÖZEN C., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016
ŞEKER T., ÖZEN C., BİLER C. N., DOĞAN T., Project Supported by Higher Education Institutions, MERLAB MOLEKÜLER BİYOLOJİ-BİYOTEKNOLOJİ AR-GE MERKEZİ PROTEOMİK- PEPTİDOMİK ALT YAPI GELİŞTİRME PROJESİ, 2014 - 2016
ÖZEN C., TUBITAK Project, Kuantum Noktacığı Lüsiferaz Bret Çiftinin Dna Bağlanıcı Proteinler Kullanılarak Dna İskelesi Üzerinde Montajına Dayalı Bir Nanobiyosensör Platformunun Geliştirilmesi, 2013 - 2016
ÖZEN C., TUBITAK Project, Meme kanseri tedavisine yönelik işlevleri kontrol edilebilir yapay transkripsiyon baskıyıcıların geliştirilmesi, 2013 - 2016
ÖZEN C., ÖZÇUBUKÇU S., Project Supported by Higher Education Institutions, İlaç Geliştirmesine Yönelik Venom Kaynaklı Peptit Üretimi, 2015 - 2015
GÜNDÜZ U., ÖZEN C., ERDEM M., Project Supported by Higher Education Institutions, Potasyum Kanal Proteini İfade Eden Kanser Hücrelerin Belirlenmesi Ve Karibdotoksinin Kanser Hücreleri Üzerindeki Sitotoksik Etkisi, 2015 - 2015
ÖZEN C., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015
ÖZEN C., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015
ÖZEN C., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015
ÖZEN C., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Biyomalzeme ve Doku Muhendisligi Arastirma Merkezi, 2013 - 2015
Hasırcı N., Hasırcı V. N., Durucan C., Tezcaner A., Keskin D., Özen C., Tönük E., Gürses S., Project Supported by Higher Education Institutions, Biyomalzeme ve Doku Mühendisliği Mükemmeliyet Merkezi (BIOMATEN) DPT, 2011 - 2015
ÖZEN C., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014
ÖZEN C., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014
ÖZEN C., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014
ÖZEN C., Durusu I., MUYAN M., Project Supported by Higher Education Institutions, Kanser Hücre Tanısına Yönelik Yakın Kızıl Ötesi (NIR) Emisyonlu Gümüş Sülfit (Ag2S-DMSA) Kuantum Noktacıklarının in vitro Karakterizasyonu, 2013 - 2014
TEZCANER A., ÖZEN C., GÜLDİKEN M., KESKİN D., DURUCAN C., ATAOL S., Project Supported by Higher Education Institutions, Kemik Hasarlarının Tedavisine Yönelik Simvastatin Yüklü Mikrotaşıyıcıların Geliştirilmesi Ve Karakterizasyonu, 2012 - 2013
YÜCEL A. M., ÖZEN C., ŞEKER T., Project Supported by Higher Education Institutions, Analiz Kapsamindaalt Yapi Çalismasi., 2011 - 2013
ÖZEN C., Project Supported by Higher Education Institutions, Kuantum Noktacıklarının Hücre Görüntüleme Probları Olarak Kullanımı, 2009 - 2010

Metrics

Publication: 47
Citation (WoS): 504

Citation (Scopus): 541
H-Index (WoS): 13
H-Index (Scopus): 14

Non Academic Experience

METU Biotechnology Graduate Program / Central Laboratory
ProVenom
METU
METU Central Laboratory
University of Tennessee, Knoxville
METU