

Assoc. Prof. CAN ÖZEN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABA-9112-2020

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.DEĞERMENÇİ(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.PARSİAN(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

ÖZEN C., KESKİN D., 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

ÖZEN C., BANERJEE S., 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: Iuridae) zehrinin peptidomik karakterizasyonu ve biyoaktivite taraması, Doctorate, T.DOĞAN(Student), 2015

ÖZEN C., GÜRSEL M., Peptidomic characterization and bioactivity screening of Leiurus abduhbayrami (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 abduhbayrami (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

ÖKTEM H. A., ÖZEN C., Development of a sandwich-type dna array platform for the detection of label-free oligonucleotide targets, Postgraduate, S.CANSIZ(Student), 2010

ÖKTEM H. A., ÖZEN C., The development of alkaline phosphatase based paper bioreporter for evaluation of milk pasteurization, Postgraduate, C.KARAKAŞ(Student), 2009

Refereed Congress / Symposium Publications in Proceedings

I. Tuzluluk ve Isı Dalgasının Zooplankton Komünite ve Boyut Yapısı Üzerindeki Etkileri: Mezokozm Araştırması.

Yavuz G. C., Amorim C. A., Korkmaz M., Yılmaz G., Coşkun T., Arık İ. G., Kuru M., Acar V., ÖZEN C., ÖZKAN K., et al. 10. Ulusal Limnoloji Sempozyumu 4-6 Eylül 2023, Çankırı, Turkey, 01 January 2024

II. The effects of salinization and climate change on shallow lakes of arid landscapes: two mesocosm experiments in two different climate zones in Türkiye

ÖZKAN K., Alves Amorim C., Yılmaz G., KORKMAZ M., Pacheco J. P., Yavuz G. C., Acar V., Can Y., Kuru M., ÖZEN C., et al.

BES Annual Meeting 2023, 6 - 12 December 2023

III. Effects of Rising Salinity on Phytoplankton Community Structure and Diversity: A Gradient Mesocosm Experiment

COŞKUN T., Alves Amorim C., KORKMAZ M., Yavuz G. C., Yılmaz G., Kuyumcu M., ÖZEN C., ÖZKAN K., BEKLİOĞLU M., Jeppesen E.

3rd International Symposium on Aquatic Mesocosm-Based Research, 7 - 10 November 2023

IV. Tuzluluk Artışı ve Fitoplanktonun Kommünite Yapısındaki Değişim

COŞKUN T., KORKMAZ M., Alves Amorim C., Yavuz G. C., Acar V., Arık İ. G., Yılmaz G., Koru M., ÖZEN C., ÖZKAN K., et al.

10. Ulusal Limnoloji Kongresi, 4 - 06 September 2023

V. Impact of Water Loss and Salinization on Shallow Lakes of Arid Landscapes: A Field Survey and a Mesocosm Experiment in Two Different Climate Zones in Türkiye

ÖZKAN K., Amorim C. A., Yılmaz G., Korkmaz M., Pacheco J. P., Yavuz G. C., Acar V., Can Y., Koru M., ÖZEN C., et al. Asociacion of Limnology and Oceanography (ASLO) 2023, Turkey, 05 June 2023

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 baskıycılarının 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 Mühendisliği Arastırma 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 Sülfid (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 Yüksek Mikrotaşırıyıcıların Geliştirilmesi Ve Karakterizasyonu, 2012 - 2013

YÜCEL A. M., ÖZEN C., ŞEKER T., Project Supported by Higher Education Institutions, Analiz Kapsamındaalt Yapı Çalışması, 2011 - 2013

ÖZEN C., Project Supported by Higher Education Institutions, Kuantum Noktacıklarının Hücre Görüntüleme Problemleri Olarak Kullanımı, 2009 - 2010

Metrics

Publication: 51

Citation (WoS): 558

Citation (Scopus): 571

H-Index (WoS): 14

H-Index (Scopus): 14

Non Academic Experience

METU Biotechnology Graduate Program / Central Laboratory

ProVenom

METU

METU Central Laboratory

University of Tennessee, Knoxville

METU