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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-5951-2019

ScopusID: 57189595553

Yoksis Researcher ID: 317387

Education Information

Doctorate, Erciyes University, Fen Bilimleri, Biyoloji, Turkey 2010 - 2015

Postgraduate, Erciyes University, Fen Bilimleri, Biyoloji, Turkey 2008 - 2010

Undergraduate, Cumhuriyet Üniversitesi, Fen Edebiyat, Biyoloji, Turkey 2003 - 2007

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Hematolojik Onkolojide İnovatif Hücresel Tedaviler, TÜRKİYE BİLİMLER AKADEMİSİ, 2016

Education Management and Planning, IV. Uygulamalı Temel Hücre Kültürü Teknikleri, Erciyes Üniversitesi, GENKÖK, 2016

Education Management and Planning, Uygulamalı Oral Fibroblast ve Mezenkimal Kök Hücre Teknikleri, Erciyes Üniversitesi, Genom ve Kök Hücre Merkezi, 2015

Education Management and Planning, III. Uygulamalı Temel Hücre Kültürü Teknikleri, Erciyes Üniversitesi, Genom ve Kök Hücre Merkezi, 2015

Education Management and Planning, International Advisory Board Meeting, Erciyes Üniversitesi, Genom ve Kök Hücre Merkezi, 2014

Education Management and Planning, Kök Hücre cGMP Laboratuvarı Kalite Güvenlik ve Kalite Kontrol Sistemi, Erciyes Üniversitesi, GENKÖK, 2014

Education Management and Planning, Good Manufacturing Practise (GMP), Erciyes Üniversitesi, Genom ve Kök Hücre Merkezi, 2014

Education Management and Planning, FACScanto Application Training, Erciyes Üniversitesi, GENKÖK, 2014

Education Management and Planning, Stem Cell Applications: From Bench Side to Bed Side, Erciyes Üniversitesi, GENKÖK, 2013

Education Management and Planning, Elektroforez Sistemlerinin Kullanıcı Eğitim Sertifikası, Erciyes Üniversitesi, GENKÖK, 2012

Education Management and Planning, UV-1800 Spektrofotometre Kullanıcı Eğitim Sertifikası, Erciyes Üniversitesi, GENKÖK, 2012

Education Management and Planning, International Conference Workshop on Stem Cell Research and Applications, Erciyes Üniversitesi, Genom ve Kök Hücre Merkezi, 2011

Education Management and Planning, UFLC (Ultra Fast Liquid Chromatography) Eğitim Sertifikası, Erciyes Üniversitesi, GENKÖK, 2011

Education Management and Planning, Life Long Learning (LLL) Erasmus, Certificate of Attendance for Student Mobility, University of Technology and Life Sciences Faculty of Agriculture and Biotechnology / Poland, 2011

Education Management and Planning, Confocal User Training for TCS SPE Systems, Erciyes Üniversitesi, GENKÖK, 2011

Education Management and Planning, Deney Hayvanları Kullanım Sertifikası, Erciyes Üniversitesi, DEKAM, 2009

Dissertations

Doctorate, Farelerde Deneysel Olarak Oluşturulan Ehrlich Assit Tümör (EAT) Üzerine Gilaburu (*Viburnum opulus*) Meyve Suyunun Etkileri, Erciyes Üniversitesi, Fen Bilimleri, Biyoloji, 2015

Postgraduate, Docetaxel/Adriamycin Kemoterapisi Alan Göğüs Kanserli Hastalarda Serum L-Karnitin Ve Glutasyon S-Transferaz Düzeylerinin Spektrofotometrik Olarak İncelenmesi, Erciyes Üniversitesi, Fen Bilimleri, Biyoloji, 2010

Research Areas

Medical Biology, Life Sciences, Biochemistry, Molecular Biology and Genetics, Neurobiology, Natural Sciences

Academic Titles / Tasks

Associate Professor, Erciyes University, Halil Bayraktar S.H.M.Y.O., --, 2023 - Continues

Advising Theses

Kaan D., Güler H., Melatonin ve umbilikal kord kaynaklı mezenkimal kök hücre ekzozomlarının be(2-C nöroblastoma hücreleri üzerinde terapötik potansiyellerinin araştırılması, Postgraduate, A.ŞENGÜL(Student), 2022

Kaan D., Ülger H., YAĞ DOKU KAYNAKLI MEZENKİMAL KÖK HÜCRENİN BÜYÜME FAKTÖRLERİ ETKİSİYLE İSKELET KAS HÜCRESİNE İNDÜKLENMESİ, Postgraduate, B.DOĞAN(Student), 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Improving anti-tumour activity with melatonin-stimulated mesenchymal stem cell-derived exosomes in metastatic triple-negative breast cancer**
KAAN D.
Indian Journal of Biochemistry and Biophysics, vol.60, no.11, pp.817-827, 2023 (SCI-Expanded)
- II. **Protective effect of pycnogenol against gamma radiation-induced lung injury in rat: DNA damage, lipid peroxidation, antioxidant levels, and histopathological changes.**
Tan F. C., Yay A. H., Yildiz O. G., Kaan D.
Journal of cancer research and therapeutics, vol.18, no.6, pp.1658-1665, 2022 (SCI-Expanded)
- III. **Structural, surface, optical, and antimicrobial characterization of I2/Polymethyl methacrylate and CuS/I2/polymethyl methacrylate thin films**

Meydaneri Tezel F., Kariper İ. A., Kaan D., Bahar D.

JOURNAL OF THE INDIAN CHEMICAL SOCIETY, vol.99, no.11, pp.1-8, 2022 (SCI-Expanded)

- IV. **Effects of curcumin on lipid peroxidation and antioxidant enzymes in kidney, liver, brain and testis of mice bearing Ehrlich Solid Tumor**
Nisari M., YILMAZ S., ERTEKİN T., YAY A. H., Ceylan D., Inanc N., AL Ö., ÜLGER H.
POSTĘPY HIGIENY I MEDYCYNY DOSWIADCZALNEJ, vol.74, pp.416-425, 2020 (SCI-Expanded)
- V. **The effect of growth factors on induction of mesenchymal stem cell to the skeletal muscle cells**
DOĞAN B., KANAN D., ÜLGER H.
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.121, no.12, pp.853-857, 2020 (SCI-Expanded)
- VI. **Bioactivities of phytochemicals in Callistemon citrinus against multi-resistant foodborne pathogens, alpha glucosidase inhibition and MCF-7 cancer cell line**
Fayemi P. O., Ozturk I., Kaan D., Özcan S., Yerer M. B., Dokumaci A. H., Özcan C., Uwaya G. E., Fayemi O. E., Yetim H.
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.33, pp.764-778, 2019 (SCI-Expanded)
- VII. **The effects of gilaburu (Viburnum opulus) juice on experimentally induced Ehrlich ascites tumor in mice**
Ceylan D., Aksoy A., Ertekin T., Yay A. H., Nisari M., Karatoprak G., Ülger H.
JOURNAL OF CANCER RESEARCH AND THERAPEUTICS, vol.14, no.2, pp.314-320, 2018 (SCI-Expanded)
- VIII. **Preparation of Iodine and Silver Coated Thin Film on Poly(methylmethacrylate) Substrate and their Antifungal, Antibacterial and Mechanistic Properties**
Erkan Kariper S., Hepokur C., Kariper İ. A., Üstündağ İ., Kaan D.
Indian Journal Of Pure & Applied Physics, vol.55, pp.122-128, 2017 (SCI-Expanded)
- IX. **The potential teratogenic effects of interferon beta-1a and interferon beta-1b on in vitro embryonic development.**
Ucar İ., ERTEKİN T., NİSARİ M., CEYLAN D., AL Ö., ÜLGER H.
Folia morphologica, vol.75, no.2, pp.257-263, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Wharton Gel-Derived Exosome Isolation: A Method Comparative Study**
KANAN D.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.1, pp.152-161, 2023 (Peer-Reviewed Journal)
- II. **Otizm Spektrum Bozukluğu Olan Hastalarda Öğrenme ve Hafıza Bozukluklarının NEURL1 ve RGS14 Genleri ile İlişkisi**
ECİROĞLU H., ŞENER E. F., ÖZTOP D. B., ÖZMEN S., KANAN D., ÖZKUL Y.
ACTA MEDICA ALANYA, vol.6, no.2, pp.207-213, 2022 (Peer-Reviewed Journal)
- III. **The Effect of Gene Mutations on Metastasis and Overall Survival in Metastatic and Nonmetastatic Colon Cancers.**
Ozdemir Y., Cag M., Colak E., Coskun N., Başgöz N., Sarici H., Kaan D., Dogan M., Deniz K., İnanc M., et al.
Asian Pacific journal of cancer prevention : APJCP, vol.22, no.12, pp.3839-3846, 2021 (Scopus)
- IV. **Karaciğer Fibrozis Modellerinde Sık Kullanılan Kimyasal Ajanların Farklı Doz ve Zaman Dilimindeki Etkilerinin Belirlenmesi**
KANAN D., TOPRAK G., YAY A. H., BAŞKOL G., ERTEKİN T., ÜLGER H.
Acta Medica Alanya, 2021 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **The effects of different fractions of Gilaburu viburnum opulus juice on the experimentally induced cancer in mice**

AL Ö., NİSARİ M., ERTEKİN T., ŞEKER KARATOPRAK G., UÇAR S., KAAAN D., ÜLGER H.

20th National Anatomy Congress, İstanbul, Turkey, 27 August 2019, vol.13, pp.156

- II. **Effects of Paclitaxel on Lipid Peroxidation and Antioxidant Enzymes in Tissues of Mice Bearing Ehrlich Solid Tumor**
Nisari M., Kaymak E., Ertekin T., Kaan D., İnanç N., Özdamar S.
International Congress on Biological and Medical Sciences Life Science and Medicine Niğde Halis Demir Üniversitesi , Niğde, Turkey, 31 October - 03 November 2018
- III. **Cell isolating from bovine pericardial fluid and culturing for next tissue engineering applications**
LATİFOĞLU F., Sönmezer D., Toprak G., Düzler A., İşler İ. A., Kaan D.
International Conference on Technology, Engineering and Science (Icones 2018), Antalya, Turkey, 26 - 29 October 2018, vol.4, pp.224-229
- IV. **Effects of Curcumin on Lipid Peroxidation and Antioxidant Enzymes in Kidney, Liver, Brain and Testis of Mice Bearing Ehrlich Solid Tumor**
NİSARİ M., YILMAZ S., ERTEKİN T., CEYLAN D., İNANÇ N., AL Ö., ÜLGER H.
Natural Products for Cancer Prevention and Therapy, 8 - 11 November 2017, vol.1, pp.994
- V. **The Effect of Gilaburu (*Viburnum opulus*) Juice on Ehrlich Ascites Tumor (EAT) Cell Culture**
AL Ö., ÜLGER H., ERTEKİN T., NİSARİ M., SUSAR H., ceylan D., ŞEKER KARATOPRAK G.
Natural Products for Cancer Prevention and Therapy, 8 - 11 November 2017, vol.1, pp.1051
- VI. **The effect of *Viburnum opulus* L. juice on human breast cancer cell line MCF-7**
Kaan D., Aksoy A., Ülger H.
International Symposium on Biodiversity and Edible Wild Species, Antalya, Turkey, 3 - 05 April 2017, pp.325
- VII. **Hücre Bileşeni ve Biyomalzeme ile Vasküler Doku Üretimi**
SÖNMEZER D., LATİFOĞLU F., İŞOĞLU İ. A., DÜZLER A., TOPRAK G., KAAAN D.
Tıp Teknolojileri Kongresi'16, Antalya, Turkey, 27 - 29 October 2016
- VIII. **Evaluation protective effects of melatonin on free radical metabolism in rat kidney during ischemia-reperfusion**
Nisari M., Kavutçu M., Ertekin T., Nisari M., Yay A. H., Al Ö., Kaan D., Önder G.
Klinik Biyokimya Uzmanları Derneği Uluslararası Katılımlı Kongre ve LAB-EXPO, 27 September - 01 October 2016, pp.3
- IX. **Phytochemicals in *Callistemon citrinus*: a novel therapeutic approach against MCF-7 cell line**
FAYEMİD O., A A., CEYLAN D., ÖZCAN S., Muchenjed V., ÇAM M., AYCAN M. B., YETİM H.
1st International Conference on Natural Products for Cancer Prevention and Therapy, İstanbul, Turkey, 31 August 2015 - 02 September 2016, pp.13-14
- X. **Antitumor effects of *Viburnum opulus* L. on Ehrlich Ascites Carcinoma in Mouse Model; Histopathological Evaluation**
KAAAN D., ERTEKİN T., YAY A. H., AKSOY A., ÜLGER H.
2nd International Congress on Stem Cell and Cellular Therapies, Antalya, Turkey, 15 - 18 October 2015
- XI. **The effects of gilaburu (*Viburnum opulus* L.) juice on experimentally induced cancer in mice**
KAAAN D., AKSOY A., ÜLGER H., ERTEKİN T.
1st International Conference on Natural Products for Cancer Prevention and Therapy 31 August–2 September 2015 I stanbul, Türkiye, İstanbul, Turkey, 31 August 2015, vol.26, pp.16
- XII. **Gilaburu meyve suyunun fibroblast ve MCF-7 (meme kanser hücresi) hücre hattı üzerine etkisi: glutatyon s- transferazın rolü**
CEYLAN D., AKSOY A.
Ulusal Botanik Kongresi, Antalya, Turkey, 25 - 28 October 2014, pp.11
- XIII. **Rat Böbrek Dokusunda İskemi/Reperfüzyon Hasarı Üzerine Melatonin Etkisi**
ÖNDER G. Ö., NİSARİ M., KAVUTÇU M., YAY A. H., ERTEKİN T., NİSARİ M., AL Ö., KAAAN D.
XII. ULUSAL HİSTOLOJİ VE EMBRİYOLOJİ KONGRESİ, Ankara, Turkey, 27 - 30 May 2014
- XIV. **Rat Böbrek Dokusunda İskemi/Reperfüzyon Hasarı Üzerine Melatonin Etkisi**
ÖNDER G. Ö., NİSARİ M., KAVUTÇU M., YAY A., ERTEKİN T., NİSARİ M., AL Ö., KAAAN D.
XII. National Histology and Embryology Congress, Turkey, 27 - 30 May 2014

- XV. **Ratlarda Tüm Vücut Işınlamasına Bağlı Karaciğer Hasarına Karşı Pycnogenolün Farklı Dozlarının Enzim Hücre ve Doku Düzeyinde Araştırılması**
CANTÜRK F., CANER Y., YAY A., ÖZÇOBAN Ö., YILDIZ O. G., KAAAN D.
Deneyisel Hematoloji Kongresi & EBMT Highlight, NEVŞEHİR/KAPADOKYA, Turkey, 18 - 20 April 2014
- XVI. **Determination of Sera Glutathione S-Transferase Isozymes from Docetaxel/Adriamycin Treated Breast Cancer Patients**
KAAAN D., ERGİN Ö., SAATÇI E.
The International Conference on Enzyme Science and Technology "ICEST 2011", Turkey, 31 October - 04 November 2011
- XVII. **Effects of H2O2 stresses on antioxidant enzyme systems of Phanerochaete chrysosporium**
Toprak G., Karadaş E., Dişyapar T., Ceylan D., Dabanlı D., Özcan S.
International Conference Enzymes Science and Technology, Aydın, Turkey, 31 October - 04 November 2011, pp.78
- XVIII. **Cytotoxicity of Echinops orientalis extract on prostate adenocarcinoma cell line Pc3**
Bahar D., Toprak G., Kaan D., Dinç G., Özcan S.
International Conference Workshop on Stem Cell Research and Applications, Kayseri, Turkey, 7 - 10 October 2011, pp.51
- XIX. **The effect of GFP transfection on gst pi in human prostate cancer cell line LnCAP**
Toprak G., Kaan D., Bahar D., Saatçi E., Özcan S.
International Conference Workshop on Stem Cell Research and Applications, Kayseri, Turkey, 7 - 10 October 2011, pp.77
- XX. **The effect of piwil2 transfection on gst pi in human breast cancer cell line MCF-7**
Kaan D., Toprak G., Bahar D., Özcan S.
International Conference Workshop on Stem Cell Research and Applications, Kayseri, Turkey, 7 - 09 October 2011, pp.79
- XXI. **Microspectrophotometric detection of serum l-carnitine and glutathione s-transferase activities on breast cancer patients whom got combined drug therapy**
SAATÇI E., CEYLAN D., ERGİN Ö.
Ulusal Biyokimya Kongresi, Eskişehir, Turkey, 27 - 30 October 2010, pp.110

Other Publications

- I. **Rhamnetin improves antioxidant status in the liver of Ehrlich solid tumor bearing mice**
Nisari M., Bozkurt Ö., Ertekin T., Kaan D., İnanç N., Al Ö., Güler H., Unur E.
Other, pp.678-683, 2020
- II. **Evaluation of protective effects of melatonin on free radical metabolism in rat kidney during ischemia-reperfusion**
Nisari M., Yay A. H., Ertekin T., Al Ö., Kaan D., Nisari M., Önder G., Kavutçu M.
Other, pp.20-29, 2019
- III. **Effects of Paclitaxel on Lipid Peroxidation and Antioxidant Enzymes in Tissues of Mice Bearing Ehrlich Solid Tumor**
Nisari M., Kaymak E., Ertekin T., Kaan D., İnanç N., Özdamar S.
Other, pp.316-321, 2019
- IV. **Ehrlich assit tümör modeli**
Ertekin T., Kaan D., Nisari M., Ülger H.
Other, pp.81-87, 2016

Supported Projects

GÜLER H., KAAAN D., YAY A. H., EKEN A., Project Supported by Higher Education Institutions, Haşimoto tiroiditi

oluřturulan farelerde mezenkimal kk hcre ve mezenkimal kk hcre kaynaklı eksozomların teraptik etkilerinin karřılařtırılması, 2023 - Continues

KAAN D., UÇAR S., řATIR BAřARAN G., YILMAZ Z., DOLANBAY M., ÇINAR V., DOĞANYİĞİT Z., Project Supported by Higher Education Institutions, Subkronik 1metil4fenil1236tetrahidropiridin MPTP ile İndklenmiř Parkinson Hastalıđı C57BL6 Fare Modelinde İnsan Umbilikal Kord Dokusu Kaynaklı Mezenkimal Kk Hcre ve Eksozomlarının Teraptik Potansiyellerinin Beyin Kaynaklı Nrotrofik Faktr BDNF ve Glial Kaynaklı Nrotrofik Faktr GDNF zerine Etkilerinin Arařtırılması, 2022 - Continues

GLER H., KAAN D., řENGL A., Project Supported by Higher Education Institutions, Melatonin Ve Umbilikal Kord Kaynaklı Mezenkimal Kk Hcre Eksozomlarının BE2C Nroblastoma Hcreleri zerinde Teraptik Potansiyellerinin Arařtırılması, 2022 - 2023

Dađlı F., Kaan D., TUBITAK Project, Biyokimyasal alıřmalarda Anlitik yntemler, Biyoteknoloji ve Nanoteknoloji Uygulamaları, 2020 - 2022

AYVAZ A., KAAN D., AYYILDIZ N., TOPRAK G., Project Supported by Higher Education Institutions, Farklı evrelerdeki Byk Balmumu gvesi Galleria mellonella larvalarının orta barsak proteinlerinin 2DPAGE yntemiyle analiz edilmesi, 2017 - 2022

KAAN D., CEYLAN D., BAřKOL G., LGER H., ERTEKİN T., TOPRAK G., YAY A. H., Project Supported by Higher Education Institutions, Karaciđer Fibrozis Modellerinde Sık Kullanılan Kimyasal Ajanların Farklı Doz Ve Zaman Dilimindeki Etkilerinin Belirlenmesi, 2016 - 2018

Metrics

Publication: 46

Citation (WoS): 35

Citation (Scopus): 42

H-Index (WoS): 3

H-Index (Scopus): 3

Congress and Symposium Activities

Uluslararası Katılımlı Deneysel Hematoloji Kongresi, Attendee, Kayseri, Turkey, 2016

3. Uluslararası Kk Hcre Kursu: "Hematolojik Onkolojide İnovatif Hcresel Tedaviler, Attendee, Turkey, 2016

2nd International Congress on Stem Cell and Cellular Therapies, Attendee, Antalya, Turkey, 2015

International Conference on Natural Products for Cancer Prevention and Therapy, Attendee, İstanbul, Turkey, 2015

Ulusal Botanik Kongresi, Attendee, Antalya, Turkey, 2014

Deneysel Hematoloji Kongresi & EBMT Highlight, Attendee, Nevřehir, Turkey, 2014

21. Ulusal Biyoloji Kongresi, Attendee, İzmir, Turkey, 2012

International Conference Enzymes Science and Technology, Attendee, Aydın, Turkey, 2011

International Conference Workshop on Stem Cell Research and Applications, Attendee, Kayseri, Turkey, 2011

22. Ulusal Biyokimya Kongresi, Attendee, Eskiřehir, Turkey, 2010

Scholarships

Life Long Learning (LLL) Erasmus đrenci Staj Hareketliliđi, University, 2011 - Continues

Non Academic Experience

Erciyes niversitesi

University of Technology and Life Sciences