

Prof. AKIN ÇAYIR

Personal Information

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Address: Çanakkale Onsekiz Mart Üniversitesi, Sağlık Hizmetleri Meslek Yüksek Okulu, Terzioğlu Yerleşkesi, 17020, Merkez-Çanakkale

International Researcher IDs

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Publons / Web Of Science ResearcherID: A-5620-2018

Yoksis Researcher ID: 146853

Education Information

Post Doctorate, Newcastle College, Instutu Of Cellular Medicine, United Kingdom 2017 - 2018

Post Doctorate, Harvard University, Harvard School of Public Health, Environmental Health, United States Of America 2013 - 2014

Doctorate, Canakkale Onsekiz Mart University, Fen Bilimleri, Biyoloji, Turkey 2006 - 2011

Postgraduate, Istanbul University, Fen Bilimleri, Biyoloji-Genel Biyoloji, Turkey 2002 - 2005

Undergraduate, Istanbul University, Fen Fakltesi, Biyoloji, Turkey 1998 - 2002

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Signum Pestisidi ve Aktif Maddelerinin In Vitro Şartlarda İnsan Perifal Kan Lenfositleri Üzerine Mikronukleus Oluşturma Etkilerinin Araştırılması, Canakkale Onsekiz Mart University, Fen Bilimleri, Biyoloji, 2011

Postgraduate, Havadan gelen ağır metallerin Trakya'daki dağılımı, Istanbul University, Fen Bilimleri, Biyoloji-Genel Biyoloji, 2005

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Medical Biology, Life Sciences, Environmental Biology, Environmental Pollution, Ecotoxicology, Molecular Biology and Genetics, Genomics, Animal Molecular Genetics, Moleculer Biology of Cancer, Cytogenetic, Population Biology, Epidemiology, Natural Sciences

Academic Titles / Tasks

Professor, Canakkale Onsekiz Mart University, Sağlık Hizmetleri Myo, Tıbbi Hizmetler Ve T, 2019 - Continues

Associate Professor, Canakkale Onsekiz Mart University, Tıbbi Hizmetler Ve Teknikler Bölüm, 2012 - 2019

Lecturer PhD, Canakkale Onsekiz Mart University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikler, 2011 - 2012

Lecturer, Canakkale Onsekiz Mart University, Tıbbi Hizmetler Ve Teknikler Bölüm, 2005 - 2011

Academic and Administrative Experience

Canakkale Onsekiz Mart University, Sağlık Hizmetleri Meslek Yüksekokulu, 2006 - 2010

Courses

TIBBİ BİYOLOJİ VE GENETİK, Associate Degree, 2015 - 2016
SAGLIK FIZIGI (NORMAL OGRETİM), Associate Degree, 2015 - 2016
MESLEKİ İNGİLİZCE (İKİNCİ OGRETİM), Associate Degree, 2015 - 2016
MESLEKİ İNGİLİZCE (NORMAL OGRETİM), Associate Degree, 2015 - 2016
SAGLIK FIZIGI (İKİNCİ OGRETİM), Associate Degree, 2015 - 2016
CEVRE KORUMA (NORMAL OGRETİM), Associate Degree, 2014 - 2015
CEVRE KORUMA (İKİNCİ OGRETİM), Associate Degree, 2014 - 2015

Advising Theses

ÇAYIR A., PESTİSİT MARUZİYETİNE CEVABEN OLUŞABİLECEK DNA METİLASYON DEĞİŞİMİNİN IN VITRO KOŞULLARDA ARAŞTIRILMASI, Postgraduate, H.Ergün(Student), 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The emergent role of mitochondrial RNA modifications in metabolic alterations**
Boughanem H., Bottcher Y., Tome-Carneiro J., Lopez de Las Hazas M., Davalos A., ÇAYIR A., Macias-Gonzalez M.
WILEY INTERDISCIPLINARY REVIEWS-RNA, vol.14, no.2, 2023 (SCI-Expanded)
- II. **Evaluation of Mitochondrial Copy Number in Thyroid Disorders**
ÇAĞLAR ÇİL Ö., Metin Ö. K., ÇAYIR A.
Archives of Medical Research, vol.53, no.7, pp.711-717, 2022 (SCI-Expanded)
- III. **RNA modifications as emerging therapeutic targets**
ÇAYIR A.
WILEY INTERDISCIPLINARY REVIEWS-RNA, vol.13, no.4, 2022 (SCI-Expanded)
- IV. **Evaluation of circulating cell-free nucleic acids in health workers occupationally exposed to ionizing radiation**
KILINÇ N., Onbasilar M., ÇAYIR A.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.29, no.27, pp.40543-40549, 2022 (SCI-Expanded)
- V. **m6A Regulators in Human Adipose Tissue-Depot-Specificity and Correlation With Obesity**
Ronningen T., Dahl M. B., Valderhaug T. G., ÇAYIR A., Keller M., Toenjes A., Blueher M., Boettcher Y.
FRONTIERS IN ENDOCRINOLOGY, vol.12, 2021 (SCI-Expanded)
- VI. **Exposure to glyphosate and tetrachlorvinphos induces cytotoxicity and global DNA methylation in human cells**
Ergun H., ÇAYIR A.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.37, no.10, pp.610-618, 2021 (SCI-Expanded)
- VII. **Genotoxic and cytotoxic effects of polyethylene microplastics on human peripheral blood lymphocytes**
ÇOBANOĞLU H., BELİVERMİŞ M., Sıkdokur E., KILIÇ Ö., ÇAYIR A.
Chemosphere, vol.272, 2021 (SCI-Expanded)
- VIII. **Up-to-date on the evidence linking miRNA-related epitranscriptomic modifications and disease**

settings. Can these modifications affect cross-kingdom regulation?

Tome-Carneiro J, Lopez de las Hazas M, Boughanem H, Bottcher Y., Cayir A., Macias Gonzalez M., Davalos A.
RNA BIOLOGY, vol.18, no.S2, pp.586-599, 2021 (SCI-Expanded)

- IX. **RNA A-to-I editing, environmental exposure, and human diseases**
ÇAYIR A.
CRITICAL REVIEWS IN TOXICOLOGY, vol.51, no.5, pp.456-466, 2021 (SCI-Expanded)
- X. **Environmental exposures and RNA N6-Methyladenosine modified long Non-Coding RNAs**
ÇAYIR A.
CRITICAL REVIEWS IN TOXICOLOGY, vol.50, no.8, pp.641-649, 2020 (SCI-Expanded)
- XI. **Different working conditions shift the genetic damage levels of pesticide-exposed agriculture workers**
ÇOBANOĞLU H., Coskun M., Coskun M., ÇAYIR A.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.27, no.25, pp.31750-31759, 2020 (SCI-Expanded)
- XII. **Impacts of elevated pCO₂ on Mediterranean mussel (*Mytilus galloprovincialis*): Metal bioaccumulation, physiological and cellular parameters**
Sezer N., KILIÇ Ö., Sıkdokur E., ÇAYIR A., BELİVERMİŞ M.
Marine Environmental Research, vol.160, 2020 (SCI-Expanded)
- XIII. **Assessment of the genotoxic potential of a migraine-specific drug by comet and cytokinesis-block micronucleus assays**
ÇAYIR A., ÇOBANOĞLU H., Coskun M.
EXPERT OPINION ON DRUG METABOLISM & TOXICOLOGY, vol.16, no.5, pp.441-446, 2020 (SCI-Expanded)
- XIV. **Evaluation of circulating cell free DNA in plasma as a biomarker of different thyroid diseases**
ÇAĞLAR Ö., Cilgin B., Eroglu M., ÇAYIR A.
BRAZILIAN JOURNAL OF OTORHINOLARYNGOLOGY, vol.86, no.3, pp.321-326, 2020 (SCI-Expanded)
- XV. **Platelet mitochondrial DNA methylation predicts future cardiovascular outcome in adults with overweight and obesity**
Corsi S., Iodice S., Vigna L., ÇAYIR A., Mathers J. C., Bollati V., Byun H.
CLINICAL EPIGENETICS, vol.12, no.1, 2020 (SCI-Expanded)
- XVI. **Mitochondria and aging in older individuals: an analysis of DNA methylation age metrics, leukocyte telomere length, and mitochondrial DNA copy number in the VA normative aging study**
Dolcini J., Wu H., Nwanaji-Enwerem J. C., Kiomourtzologu M., Cayir A., Sanchez-Guerra M., Vokonas P., Schwarz J., Baccarelli A. A.
AGING-US, vol.12, no.3, pp.2070-2083, 2020 (SCI-Expanded)
- XVII. **Comet assay for assessment of DNA damage in greenhouse workers exposed to pesticides**
ÇAYIR A., Coskun M., Coskun M., ÇOBANOĞLU H.
BIOMARKERS, vol.24, no.6, pp.592-599, 2019 (SCI-Expanded)
- XVIII. **Exposure to environmental toxicants reduces global N6-methyladenosine RNA methylation and alters expression of RNA methylation modulator genes**
ÇAYIR A., Barrow T. M., Guo L., Byun H.
ENVIRONMENTAL RESEARCH, vol.175, pp.228-234, 2019 (SCI-Expanded)
- XIX. **Results of buccal micronucleus cytome assay in pesticide-exposed and non-exposed group**
ÇOBANOĞLU H., Coskun M., Coskun M., ÇAYIR A.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.26, no.19, pp.19676-19683, 2019 (SCI-Expanded)
- XX. **Total circulating cell-free miRNA in plasma as a predictive biomarker of the thyroid diseases**
ÇAĞLAR Ö., ÇAYIR A.
JOURNAL OF CELLULAR BIOCHEMISTRY, vol.120, no.6, pp.9016-9022, 2019 (SCI-Expanded)
- XXI. **Occupational noise exposure is associated with hypertension in China: Results from project ELEFANT**
ÇAYIR A., Barrow T. M., WANG H., LIU H., LI C., DING N., LI Y., Kang C., GUO L., LI P., et al.
PLOS ONE, vol.13, no.12, 2018 (SCI-Expanded)
- XXII. **DNA damage and circulating cell free DNA in greenhouse workers exposed to pesticides**

- ÇAYIR A., Coskun M., Coskun M., ÇOBANOĞLU H.
ENVIRONMENTAL AND MOLECULAR MUTAGENESIS, vol.59, no.2, pp.161-169, 2018 (SCI-Expanded)
- XXIII. **In vitro genotoxic and cytotoxic effects of doxepin and escitalopram on human peripheral lymphocytes**
ÇOBANOĞLU H., Coskun M., ÇAYIR A., Coskun M.
DRUG AND CHEMICAL TOXICOLOGY, vol.41, no.2, pp.238-244, 2018 (SCI-Expanded)
- XXIV. **Associations of Annual Ambient Fine Particulate Matter Mass and Components with Mitochondrial DNA Abundance**
Peng C., ÇAYIR A., SANCHEZ-GUERRA M., Di Q., Wilson A., Zhong J., Kosheleva A., Trevisi L., COLICINO E., BRENNAN K., et al.
EPIDEMIOLOGY, vol.28, no.6, pp.763-770, 2017 (SCI-Expanded)
- XXV. **Impacts of the Mitochondrial Genome on the Relationship of Long-Term Ambient Fine Particle Exposure with Blood DNA Methylation Age**
Nwanaji-Enwerem J. C., COLICINO E., Dai L., ÇAYIR A., Sanchez-Guerra M., Laue H. E., Nguyen V. T., Di Q., JUST A. C., HOU L., et al.
ENVIRONMENTAL SCIENCE & TECHNOLOGY, vol.51, no.14, pp.8185-8195, 2017 (SCI-Expanded)
- XXVI. **Effects of environmental noise exposure on DNA methylation in the brain and metabolic health**
Guo L., LI P., LI H., Colicino E., COLICINO S., Wen Y., Zhang R., FENG X., BARROW T. M., Cayir A., et al.
ENVIRONMENTAL RESEARCH, vol.153, pp.73-82, 2017 (SCI-Expanded)
- XXVII. **Genotoxicity of commercial fungicide Cabrio Plus on human cell**
ÇAYIR A., Coskun M., Coskun M.
CYTOTECHNOLOGY, vol.68, no.5, pp.1697-1704, 2016 (SCI-Expanded)
- XXVIII. **Traffic-Related Air Pollution, Blood Pressure, and Adaptive Response of Mitochondrial Abundance**
Zhong J., Cayir A., Trevisi L., Sanchez-Guerra M., Lin X., Peng C., Bind M., Prada D., Laue H., Brennan K. J. M., et al.
CIRCULATION, vol.133, no.4, pp.378-387, 2016 (SCI-Expanded)
- XXIX. **Assessment of Po-210 and Pb-210 in lichen, moss and soil around Can coal-fired power plant, Turkey**
BELİVERMİŞ M., KILIÇ Ö., ÇAYIR A., Coskun M., Coskun M.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.307, no.1, pp.523-531, 2016 (SCI-Expanded)
- XXX. **Micronuclei, Nucleoplasmic Bridges, and Nuclear Buds Induced in Human Lymphocytes by the Fungicide Signum and Its Active Ingredients (Boscalid and Pyraclostrobin)**
ÇAYIR A., Coskun M., Coskun M.
ENVIRONMENTAL TOXICOLOGY, vol.29, no.7, pp.723-732, 2014 (SCI-Expanded)
- XXXI. **Evaluation of background DNA damage in a Turkish population measured by means of the cytokinesis-block micronucleus cytome assay**
Coskun M., ÇAYIR A., Coskun M., Tok H.
MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.757, no.1, pp.23-27, 2013 (SCI-Expanded)
- XXXII. **Heavy metal and radionuclide levels in soil around Afsin-Elbistan coal-fired thermal power plants, Turkey**
ÇAYIR A., BELİVERMİŞ M., KILIÇ Ö., Coskun M., Coskun M.
ENVIRONMENTAL EARTH SCIENCES, vol.67, no.4, pp.1183-1190, 2012 (SCI-Expanded)
- XXXIII. **Evaluation of Metal Concentrations in Mussel *M-galloprovincialis* in the Dardanelles Strait, Turkey in Regard of Safe Human Consumption**
ÇAYIR A., Coskun M., Coskun M.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.89, no.1, pp.91-95, 2012 (SCI-Expanded)
- XXXIV. **Heavy metal deposition in moss samples from East and South Marmara Region, Turkey**
Coskun M., ÇAYIR A., Coskun M., KILIÇ Ö.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.174, pp.219-227, 2011 (SCI-Expanded)
- XXXV. **Frequencies of micronuclei (MNi), nucleoplasmic bridges (NPBs), and nuclear buds (NBUDs) in**

farmers exposed to pesticides in Canakkale, Turkey

Coskun M., Coskun M., ÇAYIR A., ÖZDEMİR Ö.

ENVIRONMENT INTERNATIONAL, vol.37, no.1, pp.93-96, 2011 (SCI-Expanded)

- XXXVI. **The Heavy Metal Content of Wild Edible Mushroom Samples Collected in Canakkale Province, Turkey**
ÇAYIR A., Coskun M., Coskun M.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.134, no.2, pp.212-219, 2010 (SCI-Expanded)
- XXXVII. **Cross-border response of mosses to heavy metal atmospheric deposition in Southeastern Bulgaria and European Turkey**
Coskun M., YURUKOVA L., ÇAYIR A., COSKUN M., Gecheva G.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.157, pp.529-537, 2009 (SCI-Expanded)
- XXXVIII. **Cross-Border Response of Moss, Hypnum cupressiforme Hedw., to Atmospheric Deposition in Southern Bulgaria and Northeastern Greece**
YURUKOVA L., Tsakiri E., ÇAYIR A.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.83, no.2, pp.174-179, 2009 (SCI-Expanded)
- XXXIX. **Comparison of Epigeic Moss (Hypnum cupressiforme) and Lichen (Cladonia rangiformis) as Biomonitor Species of Atmospheric Metal Deposition**
Coskun M., Steinnes E., Coskun M., ÇAYIR A.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.82, no.1, pp.1-5, 2009 (SCI-Expanded)
- XL. **Radioactivity concentrations and dose assessment in surface soil samples from east and south of Marmara region, Turkey**
KILIÇ Ö., BELİVERMİŞ M., Topcuoglu S., Cotuk Y., Coskun M., ÇAYIR A., Kucer R.
RADIATION PROTECTION DOSIMETRY, vol.128, no.3, pp.324-330, 2008 (SCI-Expanded)
- XLI. **Concentrations of some elements in the Bioindicator Organism Cladonia rangiformis Collected at the Vicinity of Canakkale**
ÇAYIR A., Coskun M., Coskun M.
EKOLOJİ, vol.18, no.69, pp.7-13, 2008 (SCI-Expanded)
- XLII. **Radioactivity concentrations in topsoil samples from the Thrace region of Turkey and assessment of radiological hazard**
BELİVERMİŞ M., KILIÇ Ö., Cotuk Y., Topcuoglu S., Coskun M., ÇAYIR A., Kucer R.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, vol.163, no.11, pp.903-913, 2008 (SCI-Expanded)
- XLIII. **Determination of atmospheric heavy metal pollution in Canakkale and Balıkesir provinces using lichen (Cladonia rangiformis) as a bioindicator**
ÇAYIR A., Coskun M., Coskun M.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.79, no.4, pp.367-370, 2007 (SCI-Expanded)
- XLIV. **Atmospheric deposition of heavy metals in thrace studied by analysis of moss (Hypnum cupressiforme)**
Coskun M., Frontasyeva M., Steinnes E., Cotuk A., Pavlov S., Coskun M., Sazonov A., ÇAYIR A., Belivermiş M.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.74, no.1, pp.201-209, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **Cell-free dna methylation evaluation in patients with thyroid diseases**
Cilgin G. B., ÇAĞLAR ÇİL Ö., USLU A., ÇAYIR A.
ANNALS OF CLINICAL AND ANALYTICAL MEDICINE, no.12, pp.1349-1353, 2022 (ESCI)
- II. **Assessment of genotoxic effects of a fungicideproduct and its active substances on humanperipheral blood mononuclear cells**
ÇOBANOĞLU H., COŞKUN B., ÇAYIR A.

Pestic. Phytomed, 2019 (Peer-Reviewed Journal)

- III. **Evaluation of genotoxic potential of pemetrexed by using in vitro alkaline comet assay**
ÇOBANOĞLU H., Coskun M., Coskun M., ÇAYIR A.
MARMARA PHARMACEUTICAL JOURNAL, vol.21, no.3, pp.544-550, 2017 (ESCI)
- IV. **Quality of drinking water of Canakkale Province Turkey**
COŞKUN M., ÇAYIR A., COŞKUN M., ASLI K.
IUFS Journal of Biology, 2012 (Peer-Reviewed Journal)
- V. **Trace element concentrations in animal feed samples from Thrace region Turkey**
BELİVERMİŞ M., KILIÇ Ö., ENGİZEK T., SAİM E., ÇAYIR A.
IUFS Journal of Biology, 2011 (Peer-Reviewed Journal)
- VI. **Contribution to the bryophyte flora of European Turkey**
Rayna N., COŞKUN M., ÇAYIR A.
PHYTOLOGIA BALCANICA, 2008 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Evaluation of circulating cell free DNA as biomarker of pesticide exposure**
ÇAYIR A., Coskun M.
53rd Congress of the European-Societies-of-Toxicology (EUROTOX), Bratislava, Slovakia, 10 - 13 September 2017, vol.280
- II. **Comparison of buccal micronucleus cytome assay parameters in the pesticide-exposed greenhouse workers with the controls**
ÇAYIR A., Coskun M., ÇOBANOĞLU H., Coskun M.
53rd Congress of the European-Societies-of-Toxicology (EUROTOX), Bratislava, Slovakia, 10 - 13 September 2017, vol.280
- III. **N6-methyl-adenosine Modification in Total RNA is altered by Pollutants**
ÇAYIR A.
1ST SYMPOSIUM ON NUCLEIC ACID MODIFICATIONS, 3 - 06 September 2017

Supported Projects

- ÇAYIR A., EU Supported Other Project, COST Action CA16120 (European Epitranscriptomics Network), 2018 - Continues
- ÇOBANOĞLU H., ÇAYIR A., Project Supported by Higher Education Institutions, Radyoloji Çalışanlarında DNA Hasarının Araştırılması, 2020 - 2021
- ÇOBANOĞLU H., ÇAYIR A., Project Supported by Higher Education Institutions, Tetrachlorvinphosun in vitro Koşullarda İnsan Periferik Lenfositlerinde Genotoksik ve Sitotoksik Potansiyelinin Değerlendirilmesi, 2020 - 2021
- ÇAĞLAR ÇİL Ö., ÇAYIR A., Project Supported by Higher Education Institutions, Tiroid Hastalıklarında Mitokondrial DNA Değişimlerinin Araştırılması, 2017 - 2020
- ÇOBANOĞLU H., ÇAYIR A., Project Supported by Higher Education Institutions, Temephos'un in vitro Koşullarda İnsan Periferik Lenfositlerinde Genotoksik ve Sitotoksik Potansiyelinin Değerlendirilmesi, 2018 - 2019
- ÇAYIR A., ÇILGIN G. B., Project Supported by Higher Education Institutions, Tiroid Hastalarında Sirküler Hücre Dışı DNA Miktarı ve bu DNA'nın Metilasyon Derecesinin Belirlenmesi, 2017 - 2019
- ÇAYIR A., Project Supported by Higher Education Institutions, N6 methyladenosine RNA Modifikasyonunun Karsinojen Kirlenici Maruziyetine Cevaben Değişiminin İncelenmesi, 2017 - 2018
- ÇAYIR A., ERGÜN H., Project Supported by Higher Education Institutions, Pestisit maruziyetine cevaben oluşabilecek DNA metilasyon değişiminin in vitro koşullarda araştırılması, 2016 - 2017
- COŞKUN M., ÇAYIR A., COŞKUN M., TUBITAK Project, N6-methyl-adenosine RNA modifikasyonu: Yeni bir çevresel maruziyet markır mı?, 2015 - 2017
- TUBITAK Project, Molecular and Epigenetic Mitochondriomics of Air Particles, Lead and Cognition (Post-doc), 2013 -

2014

ÇOŞKUN M., TÜMER T., ÇAYIR A., COŞKUN M., TOK H., Project Supported by Higher Education Institutions, Pestisitlere Maruz Kalan Sera Çiftçilerinde Olası Sitogenetik Hasarın Periferal Kan Lenfositleri ve Ağız Mukoza Epitel Hücrelerinde Mikronukleus Frekansı ile Belirlenmesi, 2010 - 2013

TÜMER T., ÇAYIR A., ÇOŞKUN M., TOK H., ÇOŞKUN M., Project Supported by Higher Education Institutions, Sera İşçilerinde Pestisit Metabolizması ve DNA Tamirinde Rol Alan Genlerdeki Polimorfizmler ile Sitogenetik Hasar Arasındaki İlişkinin Değerlendirilmesi, 2010 - 2013

ÇOŞKUN M., ÇAYIR A., ESER İ., ÇOŞKUN M., Project Supported by Higher Education Institutions, Çanakkale İli İnsan Popülasyonunda Sitogenetik Hasarın Doğal Sıklığının Belirlenmesi, 2009 - 2012

ÇOŞKUN M., ÇAYIR A., Project Supported by Higher Education Institutions, Signum Pestisidi ve Aktif Maddelerinin In Vitro Şartlarda İnsan Periferal Kan Lenfositleri Üzerine Mikronukleus Oluşturma Etkilerinin Araştırılması, 2009 - 2011

ÇAYIR A., TUBITAK Project, Karayosunu biyomonitöring tekniğini kullanarak güney Bulgaristan ve trakya bölgesinde atmosferik toksik metal kirliliğinin belirlenmesi ve Avrupa birliği 2005/2006 (EU UNECE-ICP 2005/2006 monitoring programme) monitoring programına katkı, 2005 - 2007

ÇAYIR A., TUBITAK Project, Karayosunu biyomonitöring tekniğini kullanarak doğu ve güney marmara bölgesi atmosferik ağır metal kirlilik haritasının oluşturulması, 2004 - 2007

Memberships / Tasks in Scientific Organizations

Türk Toksikoloji Derneği, Member, 2015 - Continues

Biyologlar Derneği, Member, 2011 - Continues

Scientific Refereeing

Chemosphere , SCI Journal, March 2013

Ecotoxicology and Environmental Safety, SCI Journal, January 2010

African journal of environmental science and technology, Other Indexed Journal, January 2010

Journal of Environmental Chemistry and Ecotoxicology, Other Indexed Journal, January 2010

Metrics

Publication: 103

Citation (WoS): 759

Citation (Scopus): 933

H-Index (WoS): 17

H-Index (Scopus): 19

Scholarships

Doktora Sonrası Araştırma Bursu, TUBITAK, 2017 - Continues

DOKTORA SONRASI ARASTIRMA BURSUSU, TUBITAK, 2013 - Continues

ECNIS training Fellowship, European Commission, 2009 - Continues

Non Academic Experience

Newcastle University

HARVARD SCHOOL OF PUBLIC HEALTH

