

Prof. SEVGİ DURNA DAŞTAN



Personal Information

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International Researcher IDs

ORCID: 0000-0003-4946-5602

Publons / Web Of Science ResearcherID: F-4682-2017

Yoksis Researcher ID: 105637

Education Information

Doctorate, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, Turkey 2006 - 2011

Postgraduate, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, Turkey 2003 - 2006

Undergraduate, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, Turkey 1998 - 2002

Biography

Sevgi Durna Daştan is Professor Doctor in Department of Biology, Division of Molecular Biology at Faculty of Science, Sivas Cumhuriyet University, 58140, Sivas/Turkey. She was born in Sivas. She received her master's degree in 2006 and her doctorate in 2011 in the field of Molecular Biology from Sivas Cumhuriyet University, Department of Biology. She worked on the subject of "Mitochondrial phylogenetic analysis of *Garra rufa* and *Cyprinion macrostomus* fish species known as Doctor Fishes in Sivas Kangal Balıklı Spa" within the scope of her Master thesis study; and on the subject of "Human chemokine gene polymorphisms" within the scope of her doctoral thesis. Her areas of interest are genetics, molecular biology, biotechnology, pharmacogenetics, disease genetics, population genetics and gene polymorphisms, biochemistry, bioorganic synthesis and drug design. During 2006-2007 years, she received training on plant biotechnology and the cultivation of Saffron plant with in vitro tissue culture method as a PhD scholar at Agricultural University of Athens, Department of Chemistry and Biotechnology, in Athens, Greece. She worked as an Assistant Professor Dr. of Biometrics and Genetics at SCU, Faculty of Veterinary Medicine between 2013-2018. She has contributed as a chapter writer and editor for many books. She has built the "Molecular and Regenerative Medicine Research Group" in 2021. Up-todate, she has published over 30 papers in the Web of Science Core collections and have attended various international conferences which have mainly focused on molecular biology. At the same time, she is the Director of Sivas Cumhuriyet University Beekeeping Development, Application and Research Center. She is the President of Sivas Farmer Women's Association. She is married and has 2 children. The curriculum vitae can be accessed at the following link: <https://avesis.cumhuriyet.edu.tr/sdurna>

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Health&Medicine, İlaç Endüstrisinde Analiz Yöntemleri Semineri, Sivas Cumhuriyet University, 2016
Education Management and Planning, Sağlık Bilimleri Alanında Tubitak için Araştırma Proje Önerisi hazırlama ve yürütme uygulamalı eğitimi: Sivas 2015-II, Sivas Cumhuriyet University, 2015

Dissertations

Doctorate, Investigation of variations and distributions of some CC chemokine receptor genes in Turkish populations., Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2011
Postgraduate, Phylogeography of Anatolian Cyprinion macrostomus Heckel, 1843 (Teleostei: Cyprinidae) and Garra rufa Heckel, 1843 (Teleostei: Cyprinidae) populations: PCR-RFLP variation of mitochondrial DNA, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2006

Research Areas

Agricultural Sciences, Health Sciences, Natural Sciences

Academic Titles / Tasks

Professor, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2023 - Continues
Associate Professor, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2018 - 2023
Assistant Professor, Sivas Cumhuriyet University, Veteriner Fakültesi, Zootekni Ve Hayvan Besleme, 2013 - 2018
Research Assistant, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2002 - 2013

Academic and Administrative Experience

Bölüm Kalite Komisyonu Üyesi, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2022 - Continues
Birim Stratejik Plan Komisyonu Üyesi, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2021 - Continues
Mevlana Exchange Program Coordinator, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2021 - Continues
Farabi Coordinator, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2021 - Continues
Erasmus Coordinator, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2021 - Continues
Bölüm Stratejik Plan Komisyonu Üyesi, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2021 - Continues
Deputy Head of Department, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2020 - Continues
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2020 - Continues
Deputy Head of Department, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2019 - Continues
Deputy Head of Department, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2018 - 2019

Courses

genetics 2, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
area of expertise, Doctorate, 2021 - 2022
genom, Doctorate, 2021 - 2022

Biodiversity, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
techniques used to purify biological molecules, Postgraduate, 2021 - 2022
chromosome structure and function, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Genel Mikrobiyoloji - II, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
molecular biology techniques, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
Genoms, Postgraduate, 2021 - 2022
Information metabolic pathways, Doctorate, 2021 - 2022
advanced applied microbiology, Postgraduate, 2021 - 2022
genetics 2 laboratory, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
seminar, Doctorate, 2021 - 2022
Apiterapy, Undergraduate, 2021 - 2022
seminar, Doctorate, 2021 - 2022
Biological control, Doctorate, 2021 - 2022
phylogenetic systematic, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Genetics, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
chromosome structure and function, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Mesleki İngilizce I, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
area of expertise, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
general biology laboratory, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
Seminar, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
Real Time PCR Protocols, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Moleküler Biyoloji Teknikleri, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
secondary metabolites, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
Moleküler Biyoloji, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
general biology, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
Ecology, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017
Öğretmenlik Uygulaması, Undergraduate, 2018 - 2019
Medical Biology, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Laboratuvar Çalışma prensipleri, Undergraduate, 2017 - 2018, 2016 - 2017
Ekoloji, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Laboratuvar Çalışma Prensipleri, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
Genetik, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Medikal Biyoloji, Undergraduate, 2017 - 2018
Biotechnology, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Advising Theses

Durna Daştan S., Determination of mitochondrial DNA COX1 gene polymorphisms in Kangal Akkaraman sheep,
Postgraduate, T.KÜRSAD(Student), 2021
Durna Daştan S., Anthriscus pers. Investigation of the genetic structure and phylogenetic kinship relationships of
(Apiaceae) species according to the non-coding "trn" regions of the chloroplast genome., Doctorate, P.YILMAZ(Student),
2017

Jury Memberships

Doctoral Examination, Doctoral Examination, Aydın Adnan Menderes Üniversitesi, June, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Novel 1,2,4-triazole-maleamic acid derivatives: synthesis and evaluation as anticancer agents with carbonic anhydrase inhibitory activity**
Tapera M., Kekeçmuhammed H., TÜZÜN B., DURNA DAŞTAN S., Safa Çelik M., Taslimi P., DAŞTAN T., Topcu K. S. B., Cacın E., Şahin O., et al.
Journal of Molecular Structure, vol.1313, 2024 (SCI-Expanded)
- II. **Anticancer and Cytotoxic Activities of Some Trigonella Species on MCF-7, L929 and HeLa Cell Lines**
Shahrokh Mojarradgandoukmolla M., Akan H., Kasım T., DURNA DAŞTAN S., Aktas H. G.
Biology Bulletin, vol.51, no.4, pp.1137-1152, 2024 (SCI-Expanded)
- III. **Hypoxia and Normoxia Preconditioned Olfactory Stem Cells Against Noise-Induced Hearing Loss**
Durna Y. M., Yigit O., EDİZER D. T., DURNA DAŞTAN S., GÜL M., Ovali E.
Journal of Craniofacial Surgery, 2024 (SCI-Expanded)
- IV. **The effect of magnesium sulfate on memory and anxiety-like behavior in a rat model: an investigation of its neuronal molecular mechanisms**
Cetin A., ÖZDEMİR E., Golgeli A., TAŞKIRAN A. Ş., KARABULUT S., ERGÜL M., Gumus E., DURNA DAŞTAN S.
Neurological Research, vol.46, no.8, pp.752-762, 2024 (SCI-Expanded)
- V. **Synthesis of novel Cu(II) complexes with N2O2 ligands: Characterization, theoretical calculations, antimicrobial, antioxidant, DNA binding, and in vitro anticancer activity studies**
Mermer A., TÜZÜN B., DURNA DAŞTAN S., Çevik Ö.
Polyhedron, vol.242, 2023 (SCI-Expanded)
- VI. **Investigation of gene expression levels in thyroid tissues of rats treated with Wi-Fi electromagnetic wave (2.4–3 GHz Wi-Fi RF-EMF)**
Serin M., Soylu S., Durna Daştan S., Koç S., Kurt A.
Journal of Molecular Structure, vol.1288, 2023 (SCI-Expanded)
- VII. **Phylogenetic analysis of Prunus genus using nuclear and chloroplast gene markers as a bioorganic structure profiling**
Abdulrahman S. S., Durna Daştan S., Shahbaz S. E., Selamoglu Z.
Journal of Molecular Structure, vol.1284, 2023 (SCI-Expanded)
- VIII. **Natural antioxidants from some fruits, seeds, foods, natural products, and associated health benefits: An update**
Rahaman M. M., Hossain R., Herrera-Bravo J., Islam M. T., Atolani O., Adeyemi O. S., Owolodun O. A., Kambizi L., Durna Daştan S., Calina D., et al.
Food Science and Nutrition, vol.11, no.4, pp.1657-1670, 2023 (SCI-Expanded)
- IX. **Chemical and functional composition and biological activities of Anatolian Hypericum scabrum L. plant**
Durna Daştan S.
Journal of Molecular Structure, vol.1275, 2023 (SCI-Expanded)
- X. **Biosynthesized silver nanoparticles and miR34a mimics mediated activation of death receptor in MCF-7 human breast cancer cell lines**
Iqbal M. J., Rashid U., Javed Z., Hamid Z., Imran K., Kabeer A., Raza S., Almarhoon Z. M., Reiner Z., Bagiu I., et al.
CANCER NANOTECHNOLOGY, vol.13, no.1, 2022 (SCI-Expanded)
- XI. **Pharmacological effects and therapeutic potential of natural compounds in neuropsychiatric disorders: An update**
Asgharian P., Quispe C., Herrera-Bravo J., Sabernavaei M., Hosseini K., Forouhandeh H., Ebrahimi T., Sharafi-Badr P., Tarhriz V., Soofiyani S. R., et al.
FRONTIERS IN PHARMACOLOGY, vol.13, 2022 (SCI-Expanded)
- XII. **Diosgenin: An Updated Pharmacological Review and Therapeutic Perspectives**
Durna Daştan S.
OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, vol.1, no.1, pp.1-17, 2022 (SCI-Expanded)
- XIII. **Evaluation of mutagenesis, necrosis and apoptosis induced by omeprazole in stomach cells of patients with gastritis**
Durna Daştan S., Rad J.

- Cancer Cell International, vol.22, no.154, pp.1-14, 2022 (SCI-Expanded)
- XIV. **Biosynthesis of Secondary Metabolites Based on the Regulation of MicroRNAs**
Durna Daştan S.
BIOMED RESEARCH INTERNATIONAL, vol.1, no.3, pp.1-21, 2022 (SCI-Expanded)
- XV. **In Silico Screening of Natural Products as Potential Inhibitors of SARS-CoV-2 Using Molecular Docking Simulation**
Hossain R., Sarkar C., Hassan S. M. H., Khan R. A., Arman M., Ray P., Islam M. T., DURNA DAŞTAN S., Sharifi-Rad J., Almarhoon Z. M., et al.
CHINESE JOURNAL OF INTEGRATIVE MEDICINE, vol.28, pp.249-256, 2022 (SCI-Expanded)
- XVI. **Urtica dioica-Derived Phytochemicals for Pharmacological and Therapeutic Applications**
Durna Daştan S., Sharifi-Rad J.
Evidence-Based Complementary And Alternative Medicine, vol.1, no.2, pp.1-32, 2022 (SCI-Expanded)
- XVII. **Cellular targets and molecular activity mechanisms of bee venom in cancer: recent trends and developments**
Durna Daştan S., Selamoğlu Z., Varol M.
Toxin Reviews, vol.1, no.1, pp.1-15, 2022 (SCI-Expanded)
- XVIII. **Ethnopharmacological-Based Validation of Polyalthia suberosa Leaf Extract in Neurological, Hyperalgesic, and Hyperactive Gut Disorders Using Animal Models**
Durna Daştan S.
Evidence-Based Complementary And Alternative Medicine, vol.1, no.1, pp.1-15, 2022 (SCI-Expanded)
- XIX. **A Review of Recent Studies on the Antioxidant and AntiInfectious Properties of Senna Plants**
1 M. M. A., 1 C. Q., 1 J. H., 1 J. S., Durna Daştan S.
Oxidative Medicine And Cellular Longevity, vol.1, no.1, pp.1-38, 2022 (SCI-Expanded)
- XX. **Therapeutic Applications of Curcumin in Diabetes: A Review and Perspective**
Cristina Quispe C. Q., Jesús Herrera-Bravo J. H., Zeeshan Javed, Z. J., Khushbukhat Khan K. K., Durna Daştan S.
BIOMED RESEARCH INTERNATIONAL, vol.1, no.1, pp.1-15, 2022 (SCI-Expanded)
- XXI. **Nutraceutical Profiling, Bioactive Composition, and Biological Applications of Lepidium sativum L.**
Sakshi Painuli S. P., Cristina Quispe,2 C. Q., Jesús Herrera-Bravo J. H., Durna Daştan S.
Oxidative Medicine And Cellular Longevity, vol.1, no.1, pp.1-20, 2022 (SCI-Expanded)
- XXII. **Potent In Vitro Phosphodiesterase 1 Inhibition of Flavone Isolated from Pistacia integerrima Galls**
Abdur Rauf A. R., Sami Bawazeer S. B., Jesús Herrera-Bravo J. H., Durna Daştan S.
BIOMED RESEARCH INTERNATIONAL, vol.1, no.1, pp.1-7, 2022 (SCI-Expanded)
- XXIII. **Lasia spinosa Chemical Composition and Therapeutic Potential: A Literature-Based Review**
Hossain R., Quispe C., Herrera-Bravo J., Islam M. S., Sarkar C., Islam M. T., Martorell M., Cruz-Martins N., Al-Harrasi A., Al-Rawahi A., et al.
OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, vol.2021, 2021 (SCI-Expanded)
- XXIV. **POSSIBLE MUTATION PATHWAYS IN SARS-CoV-2**
Islam M. T., Quispe C., Herrera-Bravo J., Khan I. N., Bawazeer S. S., Kumar M., Cruz-Martins N., Martorell M., Docea A. O., Sharifi-Rad J., et al.
FARMACIA, vol.69, no.6, pp.1001-1017, 2021 (SCI-Expanded)
- XXV. **Paclitaxel: Application in Modern Oncology and Nanomedicine-Based Cancer Therapy**
Sharifi-Rad J., Quispe C., Patra J. K., Singh Y. D., Panda M. K., Das G., Adetunji C. O., Michael O. S., Sytar O., Polito L., et al.
OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, vol.2021, 2021 (SCI-Expanded)
- XXVI. **Diplazium esculentum (Retz.) Sw.: Ethnomedicinal, Phytochemical, and Pharmacological Overview of the Himalayan Ferns**
Semwal P., Painuli S., Painuli K. M., Antika G., TÜMER T., Thapliyal A., Setzer W. N., Martorell M., Alshehri M. M., Taheri Y., et al.
OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, vol.2021, 2021 (SCI-Expanded)
- XXVII. **Therapeutic Potential of Isoflavones with an Emphasis on Daidzein**
Alshehri M. M., Sharifi-Rad J., Herrera-Bravo J., Jara E. L., Salazar L. A., Kregiel D., Upreti Y., Akram M., Iqbal M.,

- Martorell M., et al.
OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, vol.2021, 2021 (SCI-Expanded)
- XXVIII. **Paving Luteolin Therapeutic Potentialities and Agro-Food-Pharma Applications: Emphasis on In Vivo Pharmacological Effects and Bioavailability Traits**
Taheri Y., Sharifi-Rad J., Antika G., YILMAZ Y. B., TÜMER T., Abuhamdah S., Chandra S., Saklani S., KILIÇ C. S., Sestito S., et al.
OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, vol.2021, 2021 (SCI-Expanded)
- XXIX. **Ethnomedicinal Use, Phytochemistry, and Pharmacology of Xylocarpus granatum J. Koenig**
Dey D., Quispe C., Hossain R., Jain D., Ahmed Khan R., Janmeda P., Islam M. T., Ansar Rasul Suleria H., Martorell M., DURNA DAŞTAN S., et al.
EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE, vol.2021, 2021 (SCI-Expanded)
- XXX. **Thymoquinone improves testicular damage and sperm quality in experimentally varicocele-induced adolescent rats**
Gur F. M., Timurkaan S., Taskin E., Guven C., Gur H. E., Şentürk M., Durna Daştan S., Nurdinov N., Unalan A., Cankut S., et al.
ANDROLOGIA, vol.53, no.5, 2021 (SCI-Expanded)
- XXXI. **Roles of Therapeutic Bioactive Compounds in Hepatocellular Carcinoma**
Jain D., Murti Y., Khan W. U., Hossain R., Hossain M. N., Agrawal K. K., Ashraf R. A., Islam M. T., Janmeda P., Taheri Y., et al.
Oxidative Medicine and Cellular Longevity, vol.2021, 2021 (SCI-Expanded)
- XXXII. **Hepatoprotective Screening of Seriphidium kurramense (Qazilb.) Y.R. Ling**
Ali M., Hussain H., Hussain A., Rauf A., Hussain W., Ullah M., Abbas S., Al-Awthan Y. S., Bahattab O., Khan M., et al.
BioMed Research International, vol.2021, 2021 (SCI-Expanded)
- XXXIII. **GENE EXPRESSION LEVELS IN BRONCHIAL ASTHMA PATIENTS OF DUHOK POPULATION IN IRAQ**
Issa H. Y., Al-Habib O. A. M., DURNA DAŞTAN S., Ramadhan A. A., Sevindik M., Selamoglu Z.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.30, pp.9036-9043, 2021 (SCI-Expanded)
- XXXIV. **Green Synthesis of Iron Nanoparticles from Spinach Leaf and Banana Peel Aqueous Extracts and Evaluation of Antibacterial Potential**
Tyagi P. K., Gupta S., Tyagi S., Kumar M., Pandiselvam R., DURNA DAŞTAN S., Sharifi-Rad J., Gola D., Arya A.
Journal of Nanomaterials, vol.2021, 2021 (SCI-Expanded)
- XXXV. **An Insight into Phytochemical, Pharmacological, and Nutritional Properties of Arbutus unedo L. From Morocco**
El Haouari M., Assem N., Changan S., Kumar M., DURNA DAŞTAN S., Rajkovic J., Taheri Y., Sharifi-Rad J.
Evidence-based Complementary and Alternative Medicine, vol.2021, 2021 (SCI-Expanded)
- XXXVI. **Tobacco Smoking and Liver Cancer Risk: Potential Avenues for Carcinogenesis**
Jain D., Chaudhary P., Varshney N., Bin Razzak K. S., Verma D., Khan Zahra T. R., Janmeda P., Sharifi-Rad J., Daştan S., Mahmud S., et al.
Journal of Oncology, vol.2021, 2021 (SCI-Expanded)
- XXXVII. **Notch signaling and MicroRNA: The dynamic duo steering between neurogenesis and glioblastomas**
Javed Z., Khan K., Raza Q., Sadia H., Shah F. A., Ahmad T., Bentivegna A., Bazzoni R., Setzer W. N., Alshehri M. M., et al.
Cellular and Molecular Biology, vol.67, no.2, pp.33-43, 2021 (SCI-Expanded)
- XXXVIII. **Production, Transmission, Pathogenesis, and Control of Dengue Virus: A Literature-Based Undivided Perspective**
Islam M. T., Quispe C., Herrera-Bravo J., Sarkar C., Sharma R., Garg N., Fredes L. I., Martorell M., Alshehri M. M., Sharifi-Rad J., et al.
BioMed Research International, vol.2021, 2021 (SCI-Expanded)
- XXXIX. **METHYLATION OF THE E-CADHERIN (ECAD) GENE IN CLEAR CELL RENAL CELL CARCINOMA (CCRCC)**
Kitapci A., Daştan T., Dündar G., Pektaş A. N., Durna Daştan S., Korğalı E., Türkoğlu Ş.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.29, pp.85-91, 2020 (SCI-Expanded)
- XL. **The Effects of Some Bis-1, 2, 4-Triazole Containing Aminomethyl Derivatives on MDA Levels and**

Vitamins in Tissues of Rats

Alayunt N. O., Karatepe M., Parlak A. E., Ulas M., Turkoglu S., Dastan S., Koparir M., Celik S.

JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.41, no.4, pp.707-713, 2019 (SCI-Expanded)

- XLII. **INVESTIGATION OF THE GENETIC STRUCTURES AND PHYLOGENETIC RELATIONSHIPS FOR THE SPECIES OF THE GENUS ANTHRISCUS PERS. (APIACEAE) DISTRIBUTED IN TURKEY, USING THE NON-CODING "TRN" REGIONS OF THE CHLOROPLAST GENOME**
Sancar P. Y., CİVELEK Ş., TEKİN M., DURNA DAŞTAN S.
PAKISTAN JOURNAL OF BOTANY, vol.51, no.3, pp.1049-1057, 2019 (SCI-Expanded)
- XLIII. **The effectiveness of platelet-rich plasma in an anosmia-induced mice model**
Yasak A. G., Yigit O., Server E. A., DURNA DAŞTAN S., GÜL M.
LARYNGOSCOPE, vol.128, no.5, 2018 (SCI-Expanded)
- XLIV. **The effects of wireless electromagnetic fields on the activities of carbonic anhydrase and acetylcholinesterase enzymes in various tissues of rats**
KOÇYİĞİT Ü. M., Taslimi P., GÜRSES F., SOYLU S., DURNA DAŞTAN S., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.32, no.3, 2018 (SCI-Expanded)
- XLV. **Synthesis of some novel pyridine compounds containing bis-1,2,4-triazole/thiosemicarbazide moiety and investigation of their antioxidant properties, carbonic anhydrase, and acetylcholinesterase enzymes inhibition profiles**
Bulut N., KOÇYİĞİT Ü. M., GEÇİBESLER İ. H., Dastan T., Karci H., Taslimi P., DURNA DAŞTAN S., GÜLÇİN İ., ÇETİN A.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.32, no.1, 2018 (SCI-Expanded)
- XLVI. **Inhibitory effects of some drugs on carbonic anhydrase enzyme purified from Kangal Akkaraman sheep in Sivas, Turkey**
KOÇYİĞİT Ü. M., DURNA DAŞTAN S., Taslimi P., Dastan T., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.32, no.1, 2018 (SCI-Expanded)
- XLVII. **Investigation of acetylcholinesterase and mammalian DNA topoisomerases, carbonic anhydrase inhibition profiles, and cytotoxic activity of novel bis(-aminoalkyl)phosphinic acid derivatives against human breast cancer**
Dastan T., KOÇYİĞİT Ü. M., DURNA DAŞTAN S., CANTÜRK KILIÇKAYA P., Taslimi P., ÇEVİK Ö., KOPARIR M., OREK C., GÜLÇİN İ., ÇETİN A.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.31, no.11, 2017 (SCI-Expanded)
- XLVIII. **Investigation of anti-proliferative and antioxidative effects of some bis (alpha-amino) phosphinic acid derivatives**
Dastan T., DURNA DAŞTAN S., ATAŞ M., OREK C., KOPARIR P., PARLAK A. E., BARAL İ., KOPARIR M., ÇETİN A.
PAKISTAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.29, no.5, pp.1853-1862, 2016 (SCI-Expanded)
- XLIX. **Evaluation of the antioxidant effects of melatonin on the larynx mucosa of rats exposed to environmental tobacco smoke**
Donmez Z., Yigit O., Bilici S., Dursun N., Gul M., Dastan S., Uzun H.
CLINICAL OTOLARYNGOLOGY, vol.41, no.3, pp.211-221, 2016 (SCI-Expanded)
- L. **Synthesis and in vitro antioxidant evaluation of new bis(-aminoalkyl)phosphinic acid derivatives**
SARAÇ K., OREK C., ÇETİN A., Dastan T., Koparir P., DURNA DAŞTAN S., KOPARIR M.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.191, no.9, pp.1284-1289, 2016 (SCI-Expanded)
- L. **In Vitro Antioxidant Evaluation of Some Mannich Bases which Contain Bis-1,2,4-Triazole Derivative**
PARLAK A. E., KARATEPE M., KOPARIR M., DURNA DAŞTAN S., Alayunt N. O., ULAŞ M., KESER S., Celik S.
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.37, no.6, pp.1192-1204, 2015 (SCI-Expanded)
- LI. **Phenylthiocarbamide taste perception as a possible genetic association marker for nutritional habits and obesity tendency of people**
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Citation (Scopus): 671

H-Index (WoS): 8

H-Index (Scopus): 14

Congress and Symposium Activities

Current approaches in medical laboratory techniques and professional career life, Invited Speaker, Sivas, Turkey, 2022

20th May World Bee Day, Moderator, Sivas, Turkey, 2022

Scholarships

2211/A National PhD Scholarship Program, TUBITAK, 2006 - 2011

Non Academic Experience

University, Sivas Cumhuriyet University, Molecular and Regenerative Medicine Research Group

University, Sivas Cumhuriyet University Beekeeping Development, Application and Research Center, research Center

Agricultural University of Athens, Science Department, Biotechnology and Chemistry Field, Athens (Atina Ziraat

Üniversitesi, Temel Bilimler Bölümü, Biyoteknoloji ve Kimya Alanı, Atina)