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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmakoloji (Dr), Turkey 1999 - 2005

Undergraduate, Ankara University, Veteriner Fakültesi, Veteriner Pr., Turkey 1990 - 1995

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, İzole perfüze tavşan böbreğinde histamin yanıtlarına katalaz ve allopurinol'ün etkisi, Gazi University, Sağlık Bilimleri Enstitüsü, Farmakoloji (Dr), 2005

Research Areas

Pharmacology and Clinical Pharmacology, Neurophysiology

Academic Titles / Tasks

Associate Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2018 - Continues

Associate Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2015 - 2018

Assistant Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2013 - 2015

Assistant Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2011 - 2013

Lecturer, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2009 - 2011

Research Assistant, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 1999 - 2005

Published journal articles indexed by SCI, SSCI, and AHCI

- The influence of stereotaxic lesions of claustrum on motor movements and behaviour in rats**
Secen A. E., Akçalı D. T., Dileköz E., Cagil E., Divanlioglu D., Ocal O., Belen H. B.
SOMATOSENSORY AND MOTOR RESEARCH, 2023 (SCI-Expanded)

- II. **Effects of thymoquinone in a rat model of reserpine-induced depression**
Kuzay D., Dileköz E., Özer Ç.
BRAZILIAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.58, 2022 (SCI-Expanded)
- III. **Interrupted processing of paired somatosensory stimuli in short interstimulus intervals: role of thalamo-cortical oscillations**
Tepe N., Boran H. E., Geduk S., Dileköz E., Ulusoy İ., Belen H. B.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.52, no.4, pp.1371-1377, 2022 (SCI-Expanded)
- IV. **Endothelial and Autonomic Functions in Patients with Migraine**
Doğru M. T., Dileköz E., Alpua M., Eroğlu O., Kandemir H., Alp C., Bolay H. B.
PAIN MEDICINE, vol.21, 2020 (SCI-Expanded)
- V. **CGRP receptor antagonist MK-8825 attenuates cortical spreading depression induced pain behavior**
Filiz A., Tepe N., Eftekhari S., BORAN H. E., DİLEKÖZ E., Edvinsson L., Bolay H. B.
CEPHALALGIA, vol.39, no.3, pp.354-365, 2019 (SCI-Expanded)
- VI. **The Effect of Citalopram and Thymoquinone on Reserpine-Induced Depression-Like Behaviors in Rats**
Kuzay D., Özer Ç., Dileköz E.
ACTA PHYSIOLOGICA, vol.225, pp.16, 2018 (SCI-Expanded)
- VII. **The effect of endothelin receptor antagonists in the endotoxin-induced uveitis rabbit model**
Karaca E. E., UZUN F., DİLEKÖZ E., ÖZTÜRK FİNCAN G. S., Ercan S., KUL O., BAĞRIAÇIK E. Ü., OR M.
CUTANEOUS AND OCULAR TOXICOLOGY, vol.37, no.2, pp.133-138, 2018 (SCI-Expanded)
- VIII. **Role of ischemic modified albumin in the early diagnosis of increased intracranial pressure and brain death**
Kara I., PAMPAL H. K., Yildirim F., Dilekoz E., Emmez G., Gocun F. P., Kocabiyik M., Demirel C. B.
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.118, no.2, pp.112-117, 2017 (SCI-Expanded)
- IX. **Increased inhibitory synaptic activity in the hippocampus (CA1) of genetic absence epilepsy rats: Relevance of kindling resistance**
ÇARÇAK YILMAZ N., DİLEKÖZ E., GÜLHAN R., Onur R., Onat F. Y., Sara Y.
EPILEPSY RESEARCH, vol.126, pp.70-77, 2016 (SCI-Expanded)
- X. **Effect of Resveratrol on Diabetic Nephropathy**
Altın D., Özer Ç., Babul A., Ercan S., Dileköz E., Take Kaplanoğlu G.
ACTA PHYSIOLOGICA, vol.218, pp.10, 2016 (SCI-Expanded)
- XI. **Role of nicotinic acetylcholine receptor subtypes on nicotine's enhancing effect on electrical field stimulation elicited contractile responses in rabbit urine bladder**
Fincan G. S., Vural I. M., Yildirim S. S., Isli F., Dilekoz E., Ercan S., Sarioglu Y.
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.20, no.8, pp.1636-1641, 2016 (SCI-Expanded)
- XII. **Supply-Demand Mismatch Transients in Susceptible Peri-infarct Hot Zones Explain the Origins of Spreading Injury Depolarizations**
von Bornstaedt D., Houben T., Seidel J. L., Zheng Y., Dilekoz E., Qin T., Sandow N., Kura S., Eikermann-Haerter K., Endres M., et al.
NEURON, vol.85, no.5, pp.1117-1131, 2015 (SCI-Expanded)
- XIII. **Migraine Mutations Impair Hippocampal Learning Despite Enhanced Long-Term Potentiation**
Dilekoz E., Houben T., Eikermann-Haerter K., Balkaya M., Lenselink A. M., Whalen M. J., Spijker S., Ferrari M. D., van den Maagdenberg A. M. J. M., Ayata C.
JOURNAL OF NEUROSCIENCE, vol.35, no.8, pp.3397-3402, 2015 (SCI-Expanded)
- XIV. **The thalamic reticular nucleus is activated by cortical spreading depression in freely moving rats: prevention by acute valproate administration**
Tepe N., Filiz A., DİLEKÖZ E., Akcali D. T., Sara Y., Charles A., Bolay H. B.
EUROPEAN JOURNAL OF NEUROSCIENCE, vol.41, no.1, pp.120-128, 2015 (SCI-Expanded)
- XV. **Hyperlipidemia disrupts cerebrovascular reflexes and worsens ischemic perfusion defect**

- Ayata C., Shin H. K., Dilekoez E., Atochin D. N., Kashiwagi S., Eikermann-Haerter K., Huang P. L.
JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM, vol.33, no.6, pp.954-962, 2013 (SCI-Expanded)
- XVI. **Chronic daily cortical spreading depressions suppress spreading depression susceptibility**
Sukhotinsky I., Dilekoez E., Wang Y., Qin T., Eikermann-Haerter K., Waeber C., Ayata C.
CEPHALALGIA, vol.31, no.16, pp.1601-1608, 2011 (SCI-Expanded)
- XVII. **A Cannabinoid Ligand, Anandamide, Exacerbates Endotoxin-Induced Uveitis in Rabbits**
Altinsoy A., DİLEKÖZ E., KUL O., İlhan S., GÜZEL TUNÇCAN Ö., Seven I., BAĞRIAÇIK E. Ü., Sarioglu Y., OR M., Ercan Z. S.
JOURNAL OF OCULAR PHARMACOLOGY AND THERAPEUTICS, vol.27, no.6, pp.545-552, 2011 (SCI-Expanded)
- XVIII. **Oxcarbazepine does not suppress cortical spreading depression**
Hoffmann U., Dilekoez E., Kudo C., Ayata C.
CEPHALALGIA, vol.31, no.5, pp.537-542, 2011 (SCI-Expanded)
- XIX. **Enhanced Subcortical Spreading Depression in Familial Hemiplegic Migraine Type 1 Mutant Mice**
Eikermann-Haerter K., Yuzawa I., Qin T., Wang Y., Baek K., Kim Y. R., Hoffmann U., Dilekoez E., Waeber C., Ferrari M. D., et al.
JOURNAL OF NEUROSCIENCE, vol.31, no.15, pp.5755-5763, 2011 (SCI-Expanded)
- XX. **Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarcts and Leukoencephalopathy Syndrome Mutations Increase Susceptibility to Spreading Depression**
Eikermann-Haerter K., Yuzawa I., Dilekoez E., Joutel A., Moskowitz M. A., Ayata C.
ANNALS OF NEUROLOGY, vol.69, no.2, pp.413-418, 2011 (SCI-Expanded)
- XXI. **Gabapentin suppresses cortical spreading depression susceptibility**
Hoffmann U., Dilekoez E., Kudo C., Ayata C.
JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM, vol.30, no.9, pp.1588-1592, 2010 (SCI-Expanded)
- XXII. **Microemboli May Link Spreading Depression, Migraine Aura, and Patent Foramen Ovale**
Nozari A., Dilekoez E., Sukhotinsky I., Stein T., Eikermann-Haerter K., Liu C., Wang Y., Frosch M. P., Waeber C., Ayata C., et al.
ANNALS OF NEUROLOGY, vol.67, no.2, pp.221-229, 2010 (SCI-Expanded)
- XXIII. **Simultaneous imaging of cerebral partial pressure of oxygen and blood flow during functional activation and cortical spreading depression**
Sakadzic S., Yuan S., Dilekoez E., Ruvinskaya S., Vinogradov S. A., Ayata C., Boas D. A.
APPLIED OPTICS, vol.48, no.10, 2009 (SCI-Expanded)
- XXIV. **Genetic and hormonal factors modulate spreading depression and transient hemiparesis in mouse models of familial hemiplegic migraine type 1**
Eikermann-Haerter K., Dilekoez E., Kudo C., Savitz S. I., Waeber C., Baum M. J., Ferrari M. D., van den Maagdenberg A. M. J. M., Moskowitz M. A., Ayata C.
JOURNAL OF CLINICAL INVESTIGATION, vol.119, no.1, pp.99-109, 2009 (SCI-Expanded)
- XXV. **Hypoxia and hypotension transform the blood flow response to cortical spreading depression from hyperemia into hypoperfusion in the rat**
Sukhotinsky I., Dilekoez E., Moskowitz M. A., Ayata C.
JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM, vol.28, no.7, pp.1369-1376, 2008 (SCI-Expanded)
- XXVI. **Hydrogen peroxide and antioxidizing enzymes involved in modulation of transient facilitatory effects of nicotine on neurogenic contractile responses in rat gastric fundus.**
İlhan S., Sarioglu Y., Vural I. M., Dilekoez E., Oeztuerk G. S., Ercan Z. S.
European journal of pharmacology, vol.587, no.1-3, pp.267-72, 2008 (SCI-Expanded)
- XXVII. **Enhancement effects of nicotine on neurogenic contractile responses in rabbit gastric fundus.**
İlhan S., Vural I. M., Dilekoez E., Ozturk G. S., Sarioglu Y.
European journal of pharmacology, vol.561, no.1-3, pp.182-8, 2007 (SCI-Expanded)
- XXVIII. **Examination of the rescue effects of folic acid on derangement of the tubo-ovarian ultrastructural architecture caused by methotrexate**
Bayram M., Ozogul C., Ercan Z. S., Dilekoez E., Soyer C., Bayram O.
ADVANCES IN THERAPY, vol.23, no.5, pp.772-777, 2006 (SCI-Expanded)

- XXIX. **The effect of systemic leptin administration on aorta smooth muscle responses in diabetic rats**
Ozer Ç., Gulen S., Dilekoz E., Babul A., Ercan Z.
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.282, pp.187-191, 2006 (SCI-Expanded)
- XXX. **Expression of steroid receptors in intact rat uterus, mammary gland, and liver treated with selective estrogen receptor modulators and conjugated equine estrogens**
Bayram M., Bayram O., Dursun A., Isilk P., Dilekoz E., Ozkan S.
ADVANCES IN THERAPY, vol.22, no.6, pp.587-594, 2005 (SCI-Expanded)
- XXXI. **Effects of cannabinoid receptor activation on rabbit bisected vas deferens strips**
Barun S., Vural I., Dilekoz E., Ercan Z., Sarioglu Y.
CLINICAL AND EXPERIMENTAL PHARMACOLOGY AND PHYSIOLOGY, vol.32, no.9, pp.702-707, 2005 (SCI-Expanded)
- XXXII. **Effects of amifostine on glycerol-pretreated rabbit kidneys**
Barun S., Ertoý D., Dilekoz E., Muftuođlu S., Erten Y., Sucak G., Bali M., Tekeli N., Sarioglu Y., Ercan Z.
BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY, vol.97, no.3, pp.168-173, 2005 (SCI-Expanded)
- XXXIII. **Light and electron microscope examination of the effects of methotrexate on the endosalpinx**
Bayram M., Ozogul C., Dursun A., Ercan Z., Isik I., Dilekoz E.
EUROPEAN JOURNAL OF OBSTETRICS & GYNECOLOGY AND REPRODUCTIVE BIOLOGY, vol.120, no.1, pp.96-103, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **Sexual dysfunctions (SD) and selective serotonin reuptake inhibitors (SSRIs): from preclinical studies to intervention strategies**
Kalođlu H. A., Öztürk G. S., Dilekoz E.
Anatolian Current Medical Journal, vol.6, no.5, pp.341-348, 2024 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Interstimulus Interval Change of Paired Somatosensory Stimulus on Cortical Evoked Potentials**
TEPE N., BORAN H. E., gedük s., DİLEKÖZ E., ULUSOY İ., BELEN H. B.
GLOBAL MIGRAINE & PAIN SUMMIT 4th MENA Meeting & 2nd Turkish African Meeting of Headache and Pain Management, Turkey, 28 - 31 October 2020
- II. **Effect of Resveratrol on Diabetic Nephropaty**
Altın D., ÖZER Ç., Babül A., Ercan S., DİLEKÖZ E., TAKE KAPLANOđLU G.
42Th National Physiology Congress, Turkey, 5 - 08 October 2016
- III. **Effect of Resveratrol on Diabetic Nephropathy**
Altın D., ÖZER Ç., Babül A., Ercan S., DİLEKÖZ E., TAKE KAPLANOđLU G.
ACTA PHYSIOLOGICA, 01 October 2016, pp.10
- IV. **Artmış İntrakranial Basınç ve Beyin Ölümü Rat Modelinde Erken Dönem Tanıda İskemik Modifiye Albumin**
KARA İ., PAMPAL H. K., YILDIRIM F., DİLEKÖZ E., EMMEZ G., UYAR GÖÇÜN F. P., KOCABIYIK M., DEMİREL C. B.
12. Ulusal Dahili ve Cerrahi Bilimler Yođun Bakım Kongresi 4. Avrasya Yođun Bakım Toplantısı, Turkey, 4 - 07 November 2015, vol.6
- V. **Supply-demand Mismatch Transients Trigger Peri-infarct Depolarizations In Ischemic Penumbra**
von Bornstaedt D., Seidel J., Houben M. B., Dilekoz E., Qin T., Sandow N., Eikermann-Haerter K., Boas D., Moskowitz M., Lo E., et al.
American-Heart-Association/American Stroke Association International Stroke Conference / State-of-the-Science Stroke Nursing Symposium, Tennessee, United States Of America, 11 - 13 February 2015, vol.46
- VI. **The Thalamic Reticular Nucleus Is Activated by Cortical Spreading Depression in Freely Moving Rats:**

Prevention by Acute Valproate

Bolay H. B., Tepe N., Filiz A., Dilekoz E., Akcali D. T., Sara Y.

International Headache Congress of the International-Headache-Society and American-Headache-Society, Massachusetts, United States Of America, 27 - 30 June 2013, vol.33, pp.4-5

VII. Increased susceptibility to cortical spreading depression in cadasil mutant mice

Eikermann-Haerter K., Wang Y., Dilekoz E., Arboleda-Velasquez J. F., Artavanis-Tsakonas S., Joutel A., Moskowitz M. A., Ayata C.

24th International Symposium on Cerebral Blood Flow and Metabolism/9th International Conference on Quantification of Brain Function with PET, Illinois, United States Of America, 29 June - 03 July 2009, vol.29

VIII. Gabapentin acutely suppresses cortical spreading depression in rats

Hoffmann U., Kudo C., Dilekoz E., Moskowitz M. A., Ayata C.

24th International Symposium on Cerebral Blood Flow and Metabolism/9th International Conference on Quantification of Brain Function with PET, Illinois, United States Of America, 29 June - 03 July 2009, vol.29

IX. Simultaneous imaging of cerebral blood flow and partial pressure of oxygen during cortical spreading depression

Sakadžić S., Yuan S., Dilekoz E., Ruvinskaya S., Shalinsky M. H., Vinogradov S. A., Ayata C., Boas D. A.

Biomedical Optics, BIOMED 2008, St. Petersburg, FL, United States Of America, 16 - 19 March 2008

Metrics

Publication: 43

Citation (WoS): 1060

Citation (Scopus): 1268

H-Index (WoS): 15

H-Index (Scopus): 16

Non Academic Experience

Harvard University School of Medicine Massachusetts General Hospital

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