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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Ondokuz Mayıs Üniversitesi, Lisansüstü Eğitim Enstitüsü, Histoloji Ve Embriyoloji (Dr), Türkiye 2014 - 2021

Yüksek Lisans, Ondokuz Mayıs Üniversitesi, Sağlık Bilimleri Enstitüsü, Histoloji Ve Embriyoloji (YI) (Tezli), Türkiye 2012 - 2014

Lisans, İstanbul Üniversitesi, Cerrahpaşa Tıp Fakültesi, Tıbbi Biyolojik Bilimler Bölümü, Türkiye 2001 - 2007

Yaptığı Tezler

Doktora, Prenatal dönemde 900 mhz elektromanyetik alana maruz kalan erkek yeni doğan sıçan hipotalamusu üzerine melatonin ve omega 3'ün koruyucu rolünün araştırılması: Stereolojik ve immünohistokimyasal çalışma, Ondokuz Mayıs Üniversitesi, Lisansüstü Eğitim Enstitüsü, Histoloji Ve Embriyoloji (Dr), 2021

Yüksek Lisans, Elektromanyetik alana maruz kalan sıçan beyni üzerine omega 3 ve melatoninin etkilerinin araştırılması, Ondokuz Mayıs Üniversitesi, Sağlık Bilimleri Enstitüsü, Histoloji Ve Embriyoloji (YI) (Tezli), 2014

Akademik Unvanlar / Görevler

Araştırma Görevlisi, Ondokuz Mayıs Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2013 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Pigment epithelium-derived factor enhances peripheral nerve regeneration through modulating oxidative stress and stem cells An experimental study**
Önger M. E., Altun G., Yıldırım A.
ANATOMICAL RECORD-ADVANCES IN INTEGRATIVE ANATOMY AND EVOLUTIONARY BIOLOGY, cilt.306, sa.10, ss.2621-2635, 2023 (SCI-Expanded)
- II. **Momordica charantia enhances tendon healing in rats: An experimental study**
Erdogan F., KAPLAN A. A., Coşkun H. S., Altun G., Altunkaynak B. Z., Kelsaka E., Kaplan S., PİŞKİN A.
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- III. **The potential protective effects of melatonin and omega-3 on the male rat optic nerve exposed to 900?MHz electromagnetic radiation during the prenatal period**
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INTERNATIONAL JOURNAL OF NEUROSCIENCE, cilt.133, ss.1424-1436, 2023 (SCI-Expanded)
- IV. **The effect of dietary sesame oil and ginger oil as antioxidants in the adult rat dorsal root ganglia after peripheral nerve crush injury**

Delibas B., KAPLAN A. A., Marangoz A. H., Eltahir M. I., Altun G., Kaplan S.

INTERNATIONAL JOURNAL OF NEUROSCIENCE, 2022 (SCI-Expanded)

- V. **The effects of different doses of diclofenac sodium on newborn rat hippocampus exposed during the third trimester**
Elibol E., Kaplan S., Altun G., Aksoy A., ALTUNKAYNAK B. Z.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, cilt.44, sa.2, ss.404-417, 2020 (SCI-Expanded)
- VI. **The investigation of the effects of topiramate on the hypothalamic levels of fat mass/obesity-associated protein and neuropeptide Y in obese female rats**
Alkan I., Altunkaynak B. Z., Altun G., Erener E.
NUTRITIONAL NEUROSCIENCE, cilt.22, sa.4, ss.243-252, 2019 (SCI-Expanded)
- VII. **Neuroprotective Effects of Melatonin and Omega-3 on the Central Nervous System Exposed to Electromagnetic Fields in the Pre- and Postnatal Periods**
Yurt K. K., Kivrak E. G., Altun G., AKTAŞ A., KAPLAN A. A., Kaplan S.
OMEGA FATTY ACIDS IN BRAIN AND NEUROLOGICAL HEALTH, 2ND EDITION, ss.161-191, 2019 (SCI-Expanded)
- VIII. **A concise review of optical, physical and isotropic fractionator techniques in neuroscience studies, including recent developments**
Deniz O. G., Altun G., KAPLAN A. A., Yurt K. K., von Bartheld C. S., Kaplan S.
JOURNAL OF NEUROSCIENCE METHODS, cilt.310, ss.45-53, 2018 (SCI-Expanded)
- IX. **The genomic effects of cell phone exposure on the reproductive system**
Yahyazadeh A., Deniz O. G., KAPLAN A. A., Altun G., Yurt K. K., Davis D.
ENVIRONMENTAL RESEARCH, cilt.167, ss.684-693, 2018 (SCI-Expanded)
- X. **A brief update on physical and optical disector applications and sectioning-staining methods in neuroscience**
Yurt K. K., Kivrak E. G., Altun G., Mohamed H., Ali F., Gasmalla H. E., Kaplan S.
JOURNAL OF CHEMICAL NEUROANATOMY, cilt.93, ss.16-29, 2018 (SCI-Expanded)
- XI. **Effects of mobile phone exposure on metabolomics in the male and female reproductive systems**
Altun G., Deniz O. G., Yurt K. K., Davis D., Kaplan S.
ENVIRONMENTAL RESEARCH, cilt.167, ss.700-707, 2018 (SCI-Expanded)
- XII. **Comparison of the Regenerative Effects of Platelet-Rich Fibrin and Plasma Rich in Growth Factors on Injured Peripheral Nerve: An Experimental Study**
Torul D., Bereket M. C., Önger M. E., Altun G.
JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY, cilt.76, sa.8, 2018 (SCI-Expanded)
- XIII. **Genotoxic and carcinogenic effects of non-ionizing electromagnetic fields**
Kocaman A., Altun G., KAPLAN A. A., Deniz O. G., Yurt K. K., Kaplan S.
ENVIRONMENTAL RESEARCH, cilt.163, ss.71-79, 2018 (SCI-Expanded)
- XIV. **The use of non-steroidal anti-inflammatory drugs diseases**
Terzi M., Altun G., Şen S., Kocaman A., KAPLAN A. A., Yurt K. K., Kaplan S.
JOURNAL OF CHEMICAL NEUROANATOMY, cilt.87, ss.12-24, 2018 (SCI-Expanded)
- XV. **Peripheral nerve and diclofenac sodium: Molecular and clinical approaches**
KAPLAN A. A., Yurt K. K., Deniz O. G., Altun G.
JOURNAL OF CHEMICAL NEUROANATOMY, cilt.87, ss.2-11, 2018 (SCI-Expanded)
- XVI. **Possible effects of some agents on the injured nerve in obese rats: A stereological and electron microscopic study**
Önger M. E., Kaplan S., Geuna S., Türkmen A. P., Muratori L., Altun G., Altunkaynak B. Z.
JOURNAL OF CRANIO-MAXILLOFACIAL SURGERY, cilt.45, sa.8, ss.1258-1267, 2017 (SCI-Expanded)
- XVII. **Possible promoting effects of melatonin, leptin and alcar on regeneration of the sciatic nerve**
Önger M. E., Kaplan S., Deniz O. G., Altun G., Altunkaynak B. Z., Balci K., Raimondo S., Geuna S.
JOURNAL OF CHEMICAL NEUROANATOMY, cilt.81, ss.34-41, 2017 (SCI-Expanded)
- XVIII. **Could Calcified Triglyceride Bone Cement Be an Alternative Graft Material in Maxillary Sinus Augmentation?**
Yilmaz S., Ozden B., Baş Akkor B., Altun G., Altunkaynak B. Z.

JOURNAL OF CRANIOFACIAL SURGERY, cilt.28, sa.1, ss.97-103, 2017 (SCI-Expanded)

- XIX. Effects of platelet-rich plasma on cartilage regeneration after costal cartilage resection: a stereological and histopathological study**

Taslak Şengül A., Buyukkarabacak Y. B., Altunkaynak B. Z., YETİM T. D., Altun G., Sengul B., Başoğlu A.

ACTA CHIRURGICA BELGICA, cilt.117, sa.1, ss.21-28, 2017 (SCI-Expanded)

- XX. Neuroprotective effects of melatonin and omega-3 on hippocampal cells prenatally exposed to 900 MHz electromagnetic fields**

Koc G. E., Kaplan S., Altun G., Gumus H., Deniz O. G., Aydin I., Önger M. E., Altunkaynak Z.

INTERNATIONAL JOURNAL OF RADIATION BIOLOGY, cilt.92, sa.10, ss.590-595, 2016 (SCI-Expanded)

- XXI. Different methods for evaluating the effects of microwave radiation exposure on the nervous system**

Altunkaynak B. Z., Altun G., Yahyazadeh A., KAPLAN A. A., Deniz O. G., Türkmen A. P., Önger M. E., Kaplan S.

JOURNAL OF CHEMICAL NEUROANATOMY, cilt.75, ss.62-69, 2016 (SCI-Expanded)

- XXII. Controversies related to electromagnetic field exposure on peripheral nerves**

Say F., Altunkaynak B. Z., Coskun S., Deniz O. G., Yildiz C., Altun G., KAPLAN A. A., Kaya S. E., PİŞKİN A.

JOURNAL OF CHEMICAL NEUROANATOMY, ss.70-76, 2016 (SCI-Expanded)

- XXIII. Controversies on electromagnetic field exposure and the nervous systems of children**

Warille A. A., Önger M. E., Türkmen A. P., Deniz O. G., Altun G., Yurt K. K., Altunkaynak B. Z., Kaplan S.

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- XXIV. Role of vascular endothelial growth factor and placental growth factor expression on placenta structure in pre-eclamptic pregnancy**

Kurtoglu E., Altunkaynak B. Z., Aydin I., Ozdemir A. Z., Altun G., Kokcu A., Kaplan S.

Journal of Obstetrics and Gynaecology Research, cilt.41, sa.10, ss.1533-1540, 2015 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. Detrimental Effects of Sterilization Types on Single-Use Coronary Angioplasty Catheters for Reuse: An Electron Microscopic Study**
Kuruoglu T., Onger M. E., Altun G., atilla a., Esen S.
Infectious diseases and clinical microbiology (Online), cilt.6, sa.1, ss.4-10, 2024 (ESCI)
- II. Actions of N-acetylcysteine, daptomycin, vancomycin, and linezolid on methicillin-resistant Staphylococcus aureus biofilms in the ventriculoperitoneal shunt infections: an experimental study**
KURUOĞLU T., Altun G., Kuruoglu E., Turan D. B., Önger M. E.
Chinese Neurosurgical Journal, cilt.8, sa.1, 2022 (Scopus)
- III. Does costal cartilage resection reduce lung volume? (An experimental stereological study)**
Sengul A. T., Buyukkarabacak Y. B., Altunkaynak B. Z., Altun G., Gurz S., Sengul B., Pirizrenli M. G., Başoğlu A.
Journal of Experimental and Clinical Medicine (Turkey), cilt.38, sa.2, ss.61-65, 2021 (Scopus)
- IV. Protective effects of puerarin on the periodontium in an experimental rat model of periodontitis with and without diabetes mellitus: A stereological and immunohistochemical study**
COŞKUN TÜRER Ç., TÜRER A., ALTUN G.
Annals of Medical Research, cilt.25, sa.2, ss.169-175, 2018 (Hakemli Dergi)
- V. Melatonin and sciatic nerve injury repair: a current perspective**
ALTUNKAYNAK B. Z., Delibas B., Altun G., Deniz O. G.
JOURNAL OF NEURORESTORATOLOGY, cilt.6, ss.49-60, 2018 (ESCI)
- VI. Skeptical approaches concerning the effect of exposure to electromagnetic fields on brain hormones and enzyme activities**
WARİLLE A. A., ALTUN G., ELAMİN A. A., KAPLAN A. A., MOHAMED H., YURT K. K., ELHAJ A. E. E.
Journal of Microscopy and Ultrastructure, cilt.5, sa.4, ss.177-184, 2017 (Hakemli Dergi)
- VII. Does omega-3 have a protective effect on the rat adrenal gland exposed to 900 MHz electromagnetic fields?**
KOCAMAN A., GÜL M., YURT K. K., ALTUN G., ZAYMAN E., KIVRAK E. G.

- Journal of Microscopy and Ultrastructure, cilt.5, sa.4, ss.185-190, 2017 (Hakemli Dergi)
- VIII. **Effects of electromagnetic fields exposure on the antioxidant defense system**
KIVRAK E. G., YURT K. K., KAPLAN A. A., ALKAN I., ALTUN G.
Journal of Microscopy and Ultrastructure, cilt.5, sa.4, ss.167-176, 2017 (Hakemli Dergi)
- IX. **Protective effects of melatonin and omega-3 on the hippocampus and the cerebellum of adult Wistar albino rats exposed to electromagnetic fields**
ALTUN G., KAPLAN S., DENİZ Ö. G., KOCACAN S. E., CANAN S., Devra D., MARANGOZ C.
Journal of Microscopy and Ultrastructure, cilt.5, sa.4, ss.230-241, 2017 (Hakemli Dergi)
- X. **Effects of short and long term electromagnetic fields exposure on the human hippocampus**
Deniz O. G., KAPLAN S., SELÇUK M. B., TERZİ M., ALTUN G., YURT K. K., ASLAN K., DAVIS D.
Journal of Microscopy and Ultrastructure, cilt.5, sa.4, ss.191-197, 2017 (Hakemli Dergi)
- XI. **Effect of palmitate on periodontal tissue destruction in experimental periodontitis rat model**
TÜRER Ç. C., Altun G.
JOURNAL OF CLINICAL AND ANALYTICAL MEDICINE, cilt.8, ss.390-394, 2017 (ESCI)
- XII. **Periferik Sinir İçin Stereolojik İnceleme Yöntemi**
ÖNGER M. E., ALTUN G., Aydın I., Kıvrak E. G., Yurt K. K., ALTUNKAYNAK B. Z., KAPLAN S.
Türkiye Klinikleri Journal of Neurology Special Topics, cilt.7, sa.2, ss.56-60, 2014 (Hakemli Dergi)

Kitap & Kitap Bölümleri

- I. **Histolojiye Giriş**
ALTUN G.
Dış hekimliği Öğrencileri için Histoloji ve Embriyoloji, Prof. Dr. Berrin Zuhul Altunkaynak, Dr. Işinsu ALKAN, Editör,
NOBEL TIP KİTAPTEVLERİ, Samsun, ss.3-7, 2022
- II. **Peripheral Nerve System and Nonsteroidal Anti-Inflammatory Drugs: Molecular, Morphological, and Clinical Approaches**
ALTUN G., KAPLAN A. A., YURT K. K., KAPLAN S.
A comprehensive guide to non-steroidal antiinflammatory drugs, Süleyman KAPLAN, Editör, Nova Science
Publisher, Boston, ss.407-436, 2021
- III. **Effects of Methylphenidate and Atomoxetine on Development of the Brain.**
ALTUNKAYNAK B. Z., ÖNGER M. E., TÜRKMEN A. P., TÜFEKÇİ K. K., ALTUN G., YÜCE M., KAPLAN S.
Melatonin, Neuroprotective Agents and Antidepressant Therapy, Francisco López-Muñoz, Venkataramanujam
Srinivasan, Domenico de Berardis, Cecilio Álamo, Takahiro A. Kato, Editör, Springer, New Delhi, ss.825-845, 2016
- IV. **Effects of Methylphenidate and Atomoxetine on Development of the Brain**
ALTUNKAYNAK B. Z., ÖNGER M. E., TÜRKMEN A. P., YURT K. K., ALTUN G., YÜCE M., KAPLAN S.
Melatonin Neuroprotective Agents and Antidepressant Therapy, Francisco López-Muñoz, Venkataramanujam
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- V. **Effects of Methylphenidate and Atomoxetine on Development of the Brain**
ALTUNKAYNAK B. Z., ÖNGER M. E., TÜRKMEN A. P., YURT K. K., ALTUN G., YÜCE M., KAPLAN S.
Melatonin Neuroprotective Agents and Antidepressant Therapy, Francisco López-Muñoz, Venkataramanujam
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- VI. **Effects of Methylphenidate and Atomoxetine on Development of the Brain**
ALTUNKAYNAK B. Z., ÖNGER M. E., TÜRKMEN A. P., TÜFEKÇİ K. K., ALTUN G., YÜCE M., KAPLAN S.
Melatonin, Neuroprotective Agents and Antidepressant Therapy, Francisco López-Muñoz, Venkataramanujam
Srinivasan, Domenico de Berardis, Cecilio Álamo, Takahiro A. Kato, Editör, Springer, ss.825-845, 2016
- VII. **Embryology of the Peripheral Nerves**
ÖNGER M. E., TÜRKMEN A. P., ANNAÇ E., ALTUN G., DENİZ Ö. G., ALTUNKAYNAK B. Z., KAPLAN S.
Nerves and Nerve Injuries, Shane Tubbs, Elias Rizk, Mohammadali Shoja, Marios Loukas, Robert J. Spinner and
Nicholas Barbaro, Editör, Elsevier, ss.37-40, 2015

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Lokal olarak uygulanan organik silikonun mandibular kemik iyileşmesi üzerine etkisi**
TÜRER A., DURMUŞLAR M. C., APAYDIN E. A., ALTUN G.
TAOMS 2017, 23 - 27 Mayıs 2017
- II. **Puerarin'in ligatür ile oluşturulan deneysel periodontitis rat modelinde alveolar kemik yıkımı ve RANKL/OPG oranına etkisi**
COŞKUN TÜRER Ç., BALLI U., DURMUŞ D., ALTUN G.
TAOMS 2017, 23 - 27 Mayıs 2017
- III. **Kudret Narı'nın (Momordica Charantia) tendon iyileşmesi üzerine etkisi**
Kuyubaşı N., COŞKUN H. S., PİŞKİN A., ALTUN G., ALTUNKAYNAK B. Z.
Kemik Eklem Cerrahi Derneği Kongresi 2017, Türkiye, 27 Nisan - 01 Mayıs 2017
- IV. **The influence of the omega 3 fatty acids on the liver exposed to 900 MHz electromagnetic field in rats a stereological Study**
YAHYAZADEH A., AYDIN I., KOCAMAN A., ALTUN G., ALTUNKAYNAK M. E., ONGER M. E., ALTUNKAYNAK B. Z., KAPLAN S.
2nd Asian and African Stereology Congress, 4 - 05 Aralık 2015
- V. **Periferik sinir iyileşmesinde Vardenafilin etkisi Ratlarda deneysel çalışma**
SAY F., ÖNGER M. E., TİMURTAŞ Y., AKSAKAL A., ALTUN G., KÜÇÜKER İ., KAPLAN S.
25. Ulusal Türk ortopedi ve Travmatoloji Kongresi, Türkiye, 27 Ekim - 01 Kasım 2015
- VI. **Effects of Short and Long Term of ElectromagneticField Exposure on the Human Hippocampus**
KAPLAN S., SELÇUK M. B., TERZİ M., ALTUNKAYNAK B. Z., DENİZ A., ASLAN K., ALTUN G., pınar a., Önger m. e., İNCESU L., et al.
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- VII. **Possible effects of some agents on the injured nerve in obese rats A stereological electrophysiological and electron microscopic study**
Önger M. E., KAPLAN S., Geuna S., Yahyzadeh A., TÜRKMEN A. P., Muratori L., ALTUN G., ALTUNKAYNAK B. Z.
3rd International Symposium on Peripheral Nerve Regeneration, 24 - 25 Eylül 2015
- VIII. **Investigation Of The Effects Of Omega 3 And Melatonin On Adult Rat Brain Exposed To Electromagnetic Field**
ALTUN G., KOCACAN S. E., DENİZ Ö. G., Kıvrak E., TÜRKMEN A. P., Mehmet Emin Ö., ALTUNKAYNAK B. Z., KAPLAN S.
BioEM 2015, California, Amerika Birleşik Devletleri, 14 - 19 Haziran 2015
- IX. **EFFECTS OF BOSWELLIA SACRA AND FOLIC ACID ON HIPPOCAMPUS IN ELECTROMAGNETIC FIELD EXPOSED RATS**
KIVRAK E. G., ALTUNKAYNAK B. Z., DENİZ Ö. G., ALTUN G., TÜRKMEN A. P., ÖNGER M. E., KAPLAN S.
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- X. **Effects of Boswellia sacra and folic acid on hippocampus in electromagnetic field exposed rats**
KIVRAK E. G., ALTUNKAYNAK B. Z., DENİZ Ö. G., ALTUN G., TÜRKMEN A. P., ÖNGER M. E., KAPLAN S.
BioEM2015, 14 - 19 Haziran 2015
- XI. **Effects of long term of electromagnetic field exposure on the human hippocampus.**
DENİZ Ö. G., KAPLAN S., SELÇUK M. B., TERZİ M., ALTUN G., TÜFEKÇİ K. K., ASLAN K., DAVIS D.
Stereology and Neuroscience Symposium, 23 Haziran 2014
- XII. **Effect of different doses of diclofenac sodium on the hippocampus development during the first trimester of pregnancy.**
ANNAÇ E., KAPLAN S., TÜRKMEN A. P., AKSOY A., YURT K. K., ALTUN G., ÖNGER M. E., ALTUNKAYNAK B. Z.
International 3rd Scientific Writing Stereology Workshop, 8 - 12 Nisan 2014, cilt.31, ss.136
- XIII. **DO MELATONIN LEPTIN AND ALCAR PROMOTE NERVE REGENERATION OF SCIATIC NERVE IN THE COLLAGEN TUBE**
ÖNGER M. E., KAPLAN S., DENİZ Ö. G., ALTUN G., ALTUNKAYNAK B. Z., raimondo s., GEUNA S.
2.INTERNATİONAL SYMPOSIUM OF PERIPHERAL NERVE REGERATION, 23 - 28 Ocak 2014

Desteklenen Projeler

Altun G., Yükseköğretim Kurumları Destekli Proje, The Annual Meeting BioelectromagneticS Society European Bioelectromagnetics Association, 2015 - 2015