

Prof. ALİ CELALETTİN SİNAN YÜRÜKER

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: JJO-4530-2023

ScopusID: 6506297139

Yoksis Researcher ID: 16850

Education Information

Expertise In Medicine, Hacettepe University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey 1992 - 1997

Undergraduate, Gazi University, Tıp Fakültesi, Tıp Pr., Turkey 1983 - 1990

Foreign Languages

English, C1 Advanced

Research Areas

Health Sciences, Natural Sciences

Academic Titles / Tasks

Professor, Usak University, TIP FAKÜLTESİ, TEMEL TIP BİLİMLERİ BÖLÜMÜ, 2017 - Continues

Associate Professor, Hacettepe University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2017 - Continues

Hacettepe University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1998 - 2008

Academic and Administrative Experience

Usak University, 2017 - Continues

Usak University, 2017 - Continues

Usak University, 2017 - 2022

Usak University, 2017 - 2022

Courses

Kas dokusu, Undergraduate, 2016 - 2017

İmmün sistem histolojisi, Undergraduate, 2016 - 2017

Kardiyo vasküler sistem histolojisi, Undergraduate, 2016 - 2017
Üst sindirim istemi histolojisi, Undergraduate, 2016 - 2017
Connective tissue, Undergraduate, 2016 - 2017
Histokimyasal teknikler, Undergraduate, 2016 - 2017
Bağ dokusu, Undergraduate, 2016 - 2017
Koruma Epiteli dokusu, Undergraduate, 2016 - 2017
Endokrin sitem histolojisi, Undergraduate, 2016 - 2017
Solunum sistemi gelişimi, Undergraduate, 2016 - 2017
Salgı epiteli dokusu, Undergraduate, 2016 - 2017
Epithelium, Undergraduate, 2016 - 2017
Hücre, Undergraduate, 2016 - 2017
Solunum sistemi Histolojisi, Undergraduate, 2016 - 2017
Kıkırdak Kemik dokusu, Undergraduate, 2016 - 2017
Mikroskopi, Undergraduate, 2016 - 2017
Deri Histolojisi, Undergraduate, 2016 - 2017
Alt sindirim sistemi histolojisi, Undergraduate, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Histological examination of the effects of epidermal growth factor on regeneration of acute peripheral nerve injuries on rabbit model Akut periferik sinir yaralanmalarının rejenerasyonunda epidermal büyüme faktörünün etkilerinin tavşan modeli üzerinde histolojik incelenmesi**
Ayık G., HURİ G., Hashemihesar R., Yürüker S., Doral M. N.
Ulusal Travma ve Acil Cerrahi Dergisi, vol.29, no.1, pp.30-39, 2023 (SCI-Expanded)
- II. **Effect of a decellularized omentum scaffold with combination of mesenchymal stem cells and platelet-rich plasma on healing of critical-sized bone defect: A rat model**
Emet A., Ozdemir E., ÇETİNKAYA F. D., Kilic E., Hashemihesar R., YÜRÜKER A. C. S., TURHAN E.
Applied Sciences (Switzerland), vol.11, no.22, 2021 (SCI-Expanded)
- III. **Modelling cognitive deficits in Parkinson's disease: Is CA2 a gateway for hippocampal synucleinopathy?**
ÇINAR E., Yalcin-Cakmakli G., Saka E., Ulusoy A., Yuruker S., Elibol B., TEL B. C.
Experimental Neurology, vol.330, 2020 (SCI-Expanded)
- IV. **Development of an Anti-Inflammatory Drug-Incorporated Biomimetic Scaffold for Corneal Tissue Engineering**
Kayıran Çelebi S., Bozdağ Pehlivan S., Demirbilek M., Akıncı M., VURAL İ., AKDAĞ ÇAYLI Y., YÜRÜKER A. C. S., Ünlü N.
Journal of Ocular Pharmacology and Therapeutics, vol.36, no.6, pp.433-446, 2020 (SCI-Expanded)
- V. **Alterations of Tear Film and Ocular Surface in Children with Type 1 Diabetes Mellitus**
Inanc M., Kiziltoprak H., Hekimoğlu R., Tekin K., Ozalkak S., Koc M., BAYRAMOĞLU E., Zirh S., Yuruker S., Aycan Z.
Ocular Immunology and Inflammation, vol.28, no.3, pp.362-369, 2020 (SCI-Expanded)
- VI. **Tumor apelin immunoreactivity is correlated with body mass index in ovarian high grade serous carcinoma**
Unal I., Khiavi I., Tasar G., GÖKSÜLÜK D., Boyraz G., ÖZGÜL N., USUBÜTÜN A., Yuruker S., ZEYBEK N. D.
Biotechnic and Histochemistry, vol.95, no.1, pp.27-36, 2020 (SCI-Expanded)
- VII. **Effects of prenatal binge-like ethanol exposure and maternal stress on postnatal morphological development of hippocampal neurons in rats**
Jakubowska-Dogru E., Elibol B., Dursun I., YÜRÜKER A. C. S.
International Journal of Developmental Neuroscience, vol.61, pp.40-50, 2017 (SCI-Expanded)
- VIII. **A comparative study of oculomotor, trochlear and abducens nerves in Arabian foals**
Bolat D., Yıldız D., Bahar S., YÜRÜKER A. C. S., Kaymaz F., Iğın C., Bozkurt E. Ü., Karahan S., Sabancı S.

Biotechnic and Histochemistry, vol.92, no.2, pp.149-156, 2017 (SCI-Expanded)

- IX. **Radiological, stereological, and microscopic evaluation of the quality of canal fillings in oval-shaped root canals prepared with self-adjusting file**
UZUNOĞLU ÖZYÜREK E., İlgin C., YÜRÜKER A. C. S., Görduysus M.
Scanning, vol.38, no.5, pp.427-433, 2016 (SCI-Expanded)
- X. **Efficacy of combined use of different nickel-titanium files on removing root canal filling materials**
YÜRÜKER A. C. S., Görduysus M., KÜÇÜKKAYA EREN S., Uzunoğlu E., İlgin C., Gülen O., Tuncel B., Görduysus M. Ö.
Journal of Endodontics, vol.42, no.3, pp.487-492, 2016 (SCI-Expanded)
- XI. **Investigation into the effects of prenatal alcohol exposure on postnatal spine development and expression of synaptophysin and PSD95 in rat hippocampus**
Elibol-Can B., Kilic E., YÜRÜKER A. C. S., Jakubowska-Dogru E.
International Journal of Developmental Neuroscience, vol.33, no.1, pp.106-114, 2014 (SCI-Expanded)
- XII. **A comprehensive characterization study of human bone marrow mscs with an emphasis on molecular and ultrastructural properties**
Karaöz E., Okçu A., GACAR G., Sağlam Ö., YÜRÜKER A. C. S., Kenar H.
Journal of Cellular Physiology, vol.226, no.5, pp.1367-1382, 2011 (SCI-Expanded)
- XIII. **CD14 and CD44s expression in patients with non-small cell lung cancer Küçük hücreli dışı akciğer kanserli hastalarda CD14 ve CD44s ekspresyonu**
Atinkaya C., Bilgiç E., Yazıcı Ü., Taşpınar M., Öz G., YÜRÜKER A. C. S., Özpolat B., Taştepe A. I.
Turkiye Klinikleri Journal of Medical Sciences, vol.31, no.3, pp.518-524, 2011 (SCI-Expanded)
- XIV. **Moderate exercise delays the motor performance decline in a transgenic model of ALS**
Carreras I., YÜRÜKER A. C. S., Aytan N., Hossain L., Choi J., Jenkins B. G., Kowall N. W., Dedeoğlu A.
Brain Research, vol.1313, pp.192-201, 2010 (SCI-Expanded)
- XV. **Isolation and in vitro characterisation of dental pulp stem cells from natal teeth**
Karaöz E., Doğan B. N., Aksoy A., GACAR G., Akyüz S., Ayhan S., HALBUTOĞULLARI Z. S., YÜRÜKER A. C. S., DURUKSU G., Demircan P. Ç., et al.
Histochemistry and Cell Biology, vol.133, no.1, pp.95-112, 2010 (SCI-Expanded)
- XVI. **Volumetric assessment of lateral pterygoid muscle in unilateral chewing: A stereologic study**
Balcioglu H. A., UYANIKGİL Y., YÜRÜKER A. C. S., TUNA S. H., Karacaylı U.
Journal of Craniofacial Surgery, vol.20, no.5, pp.1364-1366, 2009 (SCI-Expanded)
- XVII. **Comparison of reflection contrast microscopy and electron microscopy on the histopathological diagnosis of various kidney diseases**
YÜRÜKER A. C. S., ZEYBEK N. D., Asan E.
Microscopy Research and Technique, vol.71, no.1, pp.42-44, 2008 (SCI-Expanded)
- XVIII. **Structural and immunophenotypic characterization of high endothelial venules in rat human tissue**
Akkus M., YÜRÜKER A. C. S., Dagdeviren A., Asan E.
Saudi Medical Journal, vol.25, no.4, pp.434-441, 2004 (SCI-Expanded)
- XIX. **Immunohistochemical analysis of CD31, CD36, and CD44 antigens in human omentum**
Yildirim A., Akkus M., Nergiz Y., YÜRÜKER A. C. S.
Saudi Medical Journal, vol.25, no.3, pp.308-312, 2004 (SCI-Expanded)
- XX. **Inguinal hernia revisited through comparative evaluation of peritoneum, processus vaginalis, and sacs obtained from children with hernia, hydrocele, and undescended testis**
Tanyel F. C., Dağdeviren A., MÜFTÜOĞLU S. F., Gürsoy M. H., YÜRÜKER A. C. S., Büyükpamukçu N.
Journal of Pediatric Surgery, vol.34, no.4, pp.552-555, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. **Epidermal growth factor stimulates rabbit achilles tendon histologically and biomechanically healing**
Kocyigit I. A., HURİ G., Yürüker S., Hashemihesar R., YILGÖR HURİ P., Nyland J., Doral M.
Muscles, Ligaments and Tendons Journal, vol.10, no.4, pp.589-602, 2020 (ESCI)

- II. **Stereological analysis of sciatic nerve in chickens following neonatal pinealectomy an experimental study**
TURGUT M., KAPLAN S., YÜRÜKER A. C. S., Çıgdem Y., ŞAHİN B., UYANIKGİL Y., BAKA M.
JOURNAL OF BRACHIAL PLEXUS AND PERIPHERAL NERVE INJURY, vol.5, no.01, pp.50-56, 2014 (Scopus)
- III. **Three dimensional reconstruction of human sinoatrial node Nodus sinuatrialis'in üç boyutlu rekonstrüksiyonu**
FIRAT A., Erbil K. M., Kaymaz F. F., YÜRÜKER A. C. S., Şen Kaya S., Tunali S.
Turkiye Klinikleri Journal of Medical Sciences, vol.33, no.2, pp.425-431, 2013 (Scopus)
- IV. **Ultrastructural study of a contusion cataract [10]**
Gumus K., KIRATLI H., YÜRÜKER A. C. S.
Indian Journal of Ophthalmology, vol.54, no.3, pp.215-216, 2006 (Scopus)

Books & Book Chapters

- I. **Sinir Dokusu: Nöronlar, Sinirler ve Nörogliya Dış Hekimliği için Anatomi'nin Temelleri**
HASHEMIHESAR R., ŞİMŞEK C., YÜRÜKER A. C. S.
in: DİŞ HEKİMLİĞİ İÇİN ANATOMİNİN TEMELLERİ, OKAN BİLGE, YİĞİT UYANIKGİL, BURAK BİLECENOĞLU, SERVET ÇELİK, Editor, İSTANBUL MEDİKAL SAĞLIK VE YAYINCILIK, İstanbul, pp.198-208, 2019
- II. **Histology Laboratory Guide Book**
MÜFTÜOĞLU S. F., YERSAL N., ATILLA P., ZEYBEK N. D., KAYMAZ F. F., KORKUSUZ P., HEKİMOĞLU E. R., BİLGİÇ E., ILGIN C., YILDIZ Ş., et al.
Hacettepe University Printing House, 2018
- III. **Histoloji Yardımcı Kitabı**
YERSAL N., BİLGİÇ E., KORKUSUZ P., MÜFTÜOĞLU S. F., ZEYBEK N. D., KAYMAZ F. F., HEKİMOĞLU E. R., ILGIN C., YILDIZ Ş., YÜRÜKER A. C. S., et al.
Hacettepe Üniversitesi Hastaneleri Basımevi, 2018
- IV. **Histology laboratory guide bookl**
MÜFTÜOĞLU S. F., KAYMAZ F. F., KORKUSUZ P., NACAR A., ATILLA P., YÜRÜKER A. C. S., ZEYBEK N. D., HEKİMOĞLU E. R., İlgin c., YILDIZ Ş., et al.
Hacettepe University Hospitals Printing House, Ankara, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **Effects Of Epidermal Growth Factor (EGF) On Regeneration Of Acute Sciatic Nerve Injury In Experimental Model**
AYIK G., HURİ G., HASHEMIHESAR R., YÜRÜKER A. C. S., DORAL M. N.
The scientific content of our 20th EFORT Congress, 5 - 07 June 2019
- II. **Yüksek dereceli over seröz karsinomlarında lenf nodu tutulumu olan ve olmayan olgularda apelin ve apj reseptörü doku dağılımlarının araştırılması**
ÜNAL I., Khiavi I. R., Tasar G. E., GÖKSÜLÜK D., BOYRAZ G., ÖZGÜL N., USUBÜTÜN A., YÜRÜKER A. C. S., ZEYBEK N. D.
14. Ulusal Histoloji ve Embriyoloji Kongresi, Turkey, 10 - 13 May 2018
- III. **Multipl Sklerozlu Hastalarda Beyin Atrofisi: Klinik Özellikler ve Bilişsel İşlevlerle İlişkisi**
EREN A. S., GÜVEN H. H., HASHEMIHESAR R., DİLLİ A., YÜRÜKER A. C. S., GÜVEN B., AVŞAR ERTÜRK F., ÇOMOĞLU S. S., ÜLKER A., KARADAĞ ATAŞ Ö.
53. Ulusal Nöroloji Kongresi, Antalya, Turkey, 24 - 30 November 2017
- IV. **Epidermal Growth Factor And Epidermal Growth Factor Loaded Polycaprolactone Scaffold Effect On Tendon Healing**
KOÇYİĞİT İ. A., HURİ G., YÜRÜKER A. C. S., HURİ P., DORAL M. N.
18th European Federation of National Associations of Orthopaedics and Traumatology (EFORT) Congress, 31 May

- 02 June 2017

- V. **3D reconstruction of islet of Langerhans in the pancreas of the Peking duck.**
AYVALI M., HAZIROĞLU R., BAYRAKTAROĞLU A. G., OTO Ç., YÜRÜKER A. C. S.
International Scientific Conference "20 years Trakia University", Stara Zagora, Bulgaria, 19 - 20 May 2015
- VI. **Repeated controlled ovarian hypersimulation (COH) treatment effects on the number of primordial and primary follicle number: a stereological summary**
HAYIRLI E. N., EVİRGEN O., YÜRÜKER A. C. S.
14th International advanced light microscopy meeting, Oslo, Norway, 20 - 23 May 2014
- VII. **A new Mouse tail test using stereology for psoriasis**
YÜRÜKER A. C. S., ILGIN C.
13th International advanced light microscopy meeting, Arcachon, France, 20 - 24 May 2013
- VIII. **3D reconstruction and volumetric analysis of human embryo head**
YÜRÜKER A. C. S., KAYMAZ F. F., ÇAKAR A. N., Pereda J.
12th International advanced light microscopy meeting, Alexandroupoli, Greece, 7 - 10 June 2012
- IX. **A Comprehensive Characterization Study of Human Bone Marrow Mesenchymal Stem Cells with an Emphasis on Molecular and Ultrastructural Properties**
KARAÖZ E., GACAR G., YÜRÜKER A. C. S.
17th International congress of microscopy, Rio, Brazil, 19 - 24 September 2010
- X. **3D reconstruction of human sinuatrial node**
YÜRÜKER A. C. S., FIRAT A., ERGUN K. M., KAYMAZ F. F.
11th International advanced light microscopy meeting, Heidelberg, Germany, 18 - 21 May 2010
- XI. **3D reconstruction and comparison of g93a and wild type mouse embryo**
YÜRÜKER A. C. S., carreras i, dedeoğlu a.
10th International advanced light microscopy meeting, Glasgow, England, 9 - 12 June 2009
- XII. **An Open Source Synchronous andAsynchronous Telemedicine Platform forTeaching Research and Patient Care**
sincan m., YÜRÜKER A. C. S.
MIE 2005, Geneve, Switzerland, 28 August - 01 September 2005

Metrics

Publication: 40

Citation (Scopus): 485

H-Index (Scopus): 9

Non Academic Experience

UPENN

Boston University

Dr. Sami Ulus Çocuk Hastanesi