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Education Information

Expertise In Medicine, Istanbul University, Tıp Fakültesi, Sualtı Hekimliği Ve Hiperbarik Tıp, Turkey 1985 - 1988

Undergraduate, Istanbul University, Tıp Fakültesi, Tıp, Turkey 1978 - 1984

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Expertise In Medicine, Türk SCUBA Dalgıçlarında Dalışın İşitme Eşiği üzerine Etkileri, Istanbul University, Tıp Fakültesi, Tıbbi Ekoloji Ve Hidroklimatoloji Anabilim Dalı Sualtı Hekimliği Bilim Dalı, 1988

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Undersea Medicine

Academic Titles / Tasks

Professor, Istanbul University, Tıp Fakültesi, Tıp, 1996 - Continues

Advising Theses

AYDIN S., Dalgıçlarda Dalış Aktivitesi ile İlgili Bioempedans Değişikliği, Expertise In Medicine, Ş.Şengün(Student), 2008

Published journal articles indexed by SCI, SSCI, and AHCI

1. Fully endoscopic interlaminar and transforaminal lumbar discectomy: clinical results of 857

surgically treated patients.

Aydin S., Bolat E.

Neurologia i neurochirurgia polska, vol.53, no.6, pp.492-499, 2019 (SCI-Expanded)

- II. **Effects of Hyperbaric Air Environment on the P3 Response and Behavioral Performance**
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ACTA PHYSIOLOGICA, vol.221, pp.104, 2017 (SCI-Expanded)
- III. **Extended lateral thoracic fasciocutaneous biosynthetic flap for reconstruction of full-thickness partial external ear defects: an experimental study**
Kuvat S. V., Taskin U., Yucebas K., Tansuker H. D., Oktay M. F., Kozanoglu E., Aydin S.
EUROPEAN ARCHIVES OF OTO-RHINO-LARYNGOLOGY, vol.274, no.1, pp.489-493, 2017 (SCI-Expanded)
- IV. **Use of Multifrequency Bioelectrical Impedance Analysis (MF-BIA) to detect the Source of Dehydration in Professional Divers who Dive with Heliox**
Sengun S., Uslu A., Aydin S.
ACTA PHYSIOLOGICA, vol.215, pp.26-27, 2015 (SCI-Expanded)
- V. **Role of Comorbidities as Limiting Factors to the Effect of Hyperbaric Oxygen in Diabetic Foot Patients: A Retrospective Analysis**
Akgul E. A., KARAKAYA KARABULUT J., Aydin S.
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- VI. **The oxidant/antioxidant status and cell death mode in oral squamous cell carcinoma**
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- VII. **Enhanced nerve growth factor expression by mast cells does not differ significantly between idiopathic and allergic rhinitis.**
GELİNCİK A., AYDIN F., ÖZERMAN EDİS B., Ergüven M., AYDIN S., BİLİR A., GENÇ N. S., Eroğlu H., ÇOLAKOĞLU B., ERDEN S., et al.
Ann Allergy Asthma Immunol, vol.108, no.6, pp.396-401, 2012 (SCI-Expanded)
- VIII. **Vitamin D levels in children with recurrent tonsillitis**
Aydin S., Aslan I., Yildiz I., Agachan B., Toptas B., Toprak S., Deger K., OKTAY M. F., Unuvar E.
INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY, vol.75, no.3, pp.364-367, 2011 (SCI-Expanded)
- IX. **Decompression Illness Medically Reported by Hyperbaric Treatment Facilities: Cluster Analysis of 1929 Cases**
ÖZYİĞİT T., EGİ S. M., Denoble P., Balestra C., Aydin S., Vann R., Marroni A.
AVIATION SPACE AND ENVIRONMENTAL MEDICINE, vol.81, no.1, pp.3-7, 2010 (SCI-Expanded)
- X. **RESEARCH OF PARAOXONASE GENE POLYMORPHISMS IN ORAL SQUAMOUS CELL CARCINOMAS**
Boy-Metin Z., Unur M., Agachan B., Toptas B., Aydin S., Hafiz G., Isbir T.
IUBMB LIFE, vol.61, no.3, pp.388-389, 2009 (SCI-Expanded)
- XI. **Extended endoscopic endonasal transsphenoidal approach to the suprasellar area: Anatomic considerations - Part I**
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- XII. **Extended endoscopic endonasal transsphenoidal approach to the suprasellar area: Anatomic considerations - Part 1**
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- XIII. **Is acetaminophen as effective as an antihistamine-decongestant-acetaminophen combination in relieving symptoms of acute nasopharyngitis in children? A randomised, controlled trial**
Unuvar E., Yildiz I., Kilic A., Toprak S., Aslan S. S., Aydin S., Badur S., Oguz F., Sidal M.
INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY, vol.71, no.8, pp.1277-1285, 2007 (SCI-Expanded)
- XIV. **Automatic detection of bubbles in the subclavian vein using Doppler ultrasound signals**

Articles Published in Other Journals

- I. **Çocuklarda Yineleyen Tonsillofarenjitte D Vitaminin Rolü**
Yıldız İ., Ünüvar E., Zeybek Ü., Toptaş B., Cacina C., Toprak S., Kılıç A., Aydın S.
Çocuk Dergisi, vol.12, no.3, pp.132-138, 2012 (Peer-Reviewed Journal)
- II. **Emin Ünüvar, İsmail Yıldız, Ümit Zeybek, Bahar Toptaş, Canan Cacina, Sadık Toprak, Ayşe Kılıç, Salih Aydın. Çocuklarda Yineleyen Tonsillofarenjitte D Vitamininin Rolü.**
ÜNÜVAR E., YILDIZ İ., Zeybek U., TOPTAS B., CACINA C., Toprak S., KILIÇ A., AYDIN S.
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- III. **37 decompression sickness cases treated in the Department of Underwater and Hyperbaric Medicine, Istanbul Faculty of Medicine.**
TOKLU A. S., AKTAŞ Ş., AYDIN S., ÇİMŞİT M.
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Books & Book Chapters

- I. **Disorders arising abnormal gas pressures**
Aktaş Ş., Aydın S.
in: Scientific Diving Methodology, Öztürk B,Wartel S, Editor, Publication of the Department of Underwater Technology, University of İstanbul, İstanbul, pp.128-132, 1991
- II. **Medical aspect of diving diseases of elevated pressure**
Aydın S., Aktaş Ş.
in: Scientific Diving Methodology, Öztürk B,Wartel S, Editor, Publication of the Department of Underwater Technology, University of İstanbul, İstanbul, pp.118-127, 1991

Refereed Congress / Symposium Publications in Proceedings

- I. **Evaluation of patients referred for HBOT after high magnitude earthquakes: experience of a university hospital HBOT unit**
Mirasoğlu B., Aktaş Ş., Toklu A. S., Aydın S.
47th EUBS Annual Scientific Meeting, Porto, Portugal, 13 - 16 September 2023, pp.42
- II. **Diyabetik Nöropati Hastalarında Hiperbarik Oksijen Tedavisinin Kognitif Performansa Etkilerinin Olaya İlişkin Beyin Potansiyelleri ve Nöropsikolojik Testler ile İncelenmesi**
Çelebi A., Yörük S. S., Gürvit İ. H., Aydın S., Uslu A.
12. Ulusal Sualtı Hekimliği ve Hiperbarik Tıp Toplantısı (HİTAM), İstanbul, Turkey, 13 - 14 April 2019, pp.40-41
- III. **Hiperbarik Koşulda Nitrojen Narkozunun Kognitif Performansa Etkilerinin Olaya İlişkin Beyin Potansiyelleri ile İncelenmesi**
Karakaya H., Aksu S., Aydın S., Uslu A.
11. Ulusal Sualtı Hekimliği ve Hiperbarik Tıp Toplantısı (HİTAM), İstanbul, Turkey, 13 - 14 April 2018, pp.28-34
- IV. **Hiperbarik Hava Ortamının P3 Yanıtı ve Davranış Performansı Üzerine Etkileri. Effects of hyperbaric air environment on the P3 response and behavioral performance**
Uslu A., Karakaya H., Ergen M., Aksu S., Aydın S.
Türk Fizyolojik Bilimler Derneği, 43. Ulusal Fizyoloji Kongresi (Uluslararası Katılımlı) Pamukkale Üniversitesi Kongre Merkezi, Denizli, Türkiye. Turkish Society of Physiological Sciences 43rd National Physiology Congress, 07 - 10 September 2017, Pamukkale University, Congress Center, Denizli (Turkey), Denizli, Turkey, 7 - 10 September

2017, vol.221, no.714, pp.104

- V. **Use of Multifrequency Bioelectrical Impedance Analysis (MF-BIA) to detect the Source of Dehydration in Professional Divers who Dive with Heliox**
Sengun S., Uslu A., Aydın S.
Turkish Society of Physiological Sciences 41st National Physiology Congress, Çanakkale, Turkey, 9 - 13 September 2015, vol.215, no.704, pp.26-27
- VI. **A Neuro-fuzzy Approach of Bubble Recognition in Cardiac Video Processing**
PARLAK İ. B., EĞİ S. M., ADEMOĞLU A., Balestra C., Germonpre P., Marroni A., Aydın S.
International Conference on Digital Information and Communication Technology and Its Applications, Dijon, France, 21 - 23 June 2011, vol.166, pp.277-279
- VII. **Personnel Selection for Manned Diving Operations**
ÖZYİĞİT T., EĞİ S. M., Aydın S., Tunc N.
International Conference on Digital Information and Communication Technology and Its Applications, Dijon, France, 21 - 23 June 2011, vol.167, pp.654-655
- VIII. **Bubble Detection on Left Atrium Related With Patent Foramen Ovale**
PARLAK İ. B., EĞİ S. M., ADEMOĞLU A., Germonpre P., Esen O. B., Aydın S., Tekin S., Balestra C., Marroni A.
14th National Biomedical Engineering Meeting, İzmir, Turkey, 20 - 22 May 2009, pp.443-444
- IX. **17 Ağustos 1999 Marmara Bölgesi depreminde hiperbarik oksijen tedavisi uygulanan hastalar.**
AKTAŞ Ş., AYDIN S., TOKLU A. S., Aysin F., Gülgün C., Toka F., Çelik A., Çimşit M.
II. Ulusal Sualtı ve Hiperbarik Tıp Toplantısı, İstanbul, Turkey, 22 October 1999, pp.102-108
- X. **İÜ İstanbul Tıp Fakültesi, Deniz ve Sualtı Hekimliği polikliniğine 1 yılda başvuran adayların değerlendirilmesi.**
Akgul E., TOKLU A. S., Çimen B., Çolak F., AKTAŞ Ş., AYDIN S., ÇİMŞİT M.
II. Sualtı Bilim ve Teknoloji Toplantısı, İstanbul, Turkey, 12 - 13 December 1998, pp.64-66
- XI. **Şüpheli çıkış patolojilerinde bilgisayarlı akciğer tomografisinin kullanımının önemi.**
AKTAŞ Ş., AYDIN S., TOKLU A. S.
I. Ulusal Sualtı ve Hiperbarik Tıp Toplantısı, İstanbul, Turkey, 20 November 1998, pp.83-85
- XII. **The new regulations on professional diving in Turkey**
TOKLU A. S., AKTAŞ Ş., AYDIN S., ÇİMŞİT M.
Annual Scientific Meeting of Undersea and Hyperbaric Medical Society, Seattle, United States Of America, 19 - 26 May 1998, pp.25
- XIII. **The excavation of Russian admiral ship "Yestafy",**
TOKLU A. S., Akgul E., Sumen G., AKTAŞ Ş., AYDIN S., ÇİMŞİT M.
Annual Scientific Meeting of the European Underwater and Baromedical Society, Seattle, United States Of America, 19 - 26 May 1998, pp.30
- XIV. **Periferik vasküler hastalıkların tedavisinde hiperbarik oksijen tedavisinin etkinliği.**
Çankaya D., Sümen G., Akkaş B., Akgul E., TOKLU A. S., AYDIN S.
SSK 50. Yıl Tıp kongresi, İstanbul, Turkey, 23 - 25 October 1996, pp.75-76
- XV. **A diving operation on the wreck of Yevstafy**
ÇİMŞİT M., TOKLU A. S., Akkaş B., AKTAŞ Ş., AYDIN S.
Proceedings of International Joint Meeting on Diving and hyperbaric Medicine, Milano, Italy, 1 - 03 September 1996, pp.293-297

Supported Projects

AYDIN S., Project Supported by Higher Education Institutions, Radyoterapi uygulanmış fibroblast kültürlerinde hiperbarik oksijenin etkilerinin değerlendirilmesi, 2008 - 2008

Metrics

Publication: 34

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