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International Researcher IDs

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Publons / Web Of Science ResearcherID: ACA-5655-2022

ScopusID: 57743397000

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Education Information

Expertise In Medicine, Gazi University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, Turkey 2018 - Continues

Expertise In Medicine, University Of Health Sciences, Ankara Dışkapı Yıldırım Beyazıt Health Research Center,

Department Of Surgical Medical Sciences, Turkey 2018 - 2018

Undergraduate, Gazi University, Tıp Fakültesi, Turkey 2011 - 2017

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Health&Medicine, An Introduction for Residents in Neurosurgery. Module 1: Introduction (ECMEC Credits: 2),

Stereotactic Academy - <http://www.stereotactic.se>, 2023

Health&Medicine, Omurga Cerrahisinde Tam Endoskopik Yaklaşımlar, LOSEV - LOSANTE Children and Adult Hospital,

2022

Health&Medicine, Türk Nöroşirurji Derneği 35. Bilimsel Kongresi Katılım Belgesi, Turkish Neurosurgical Society, 2022

Health&Medicine, Türk Nöroşirurji Derneği 35. Bilimsel Kongresi Bilimsel Katkı Teşekkür Belgesi, Turkish Neurosurgical

Society, 2022

Health&Medicine, Tıpta Uzmanlık İletişim Becerileri Temel Eğitimi, Gazi University Faculty of Medicine Communication

Skills in Medicine Committee, 2022

Health&Medicine, 2. Deneysel İskemi / Reperfüzyon Kursu Katkı Teşekkür Sertifikası, Turkish Society of Anaesthesiology

& Reanimation, 2022

Health&Medicine, Türk Nöroşirurji Derneği 34. Bilimsel Kongresi (online), Turkish Neurosurgical Society, 2021

Health&Medicine, IBNC 2021 Webinar V - Tricks in Microneurosurgery (online), IBNC - International Basic

Neurosurgery Course, 2021

Health&Medicine, 4. Acibadem Gamma Knife Sempozyumu (online), Acibadem Mehmet Ali Aydınlar University, 2021

Health&Medicine, Deneysel Hayvanları Kullanım Sertifikası, Yeditepe University Animal Research Local Ethics Committee,

2021

Health&Medicine, IBNC 2021 Webinar IV - How I do it? Basic Microsurgical Approaches (online), IBNC - International Basic Neurosurgery Course, 2021

Health&Medicine, IBNC 2021 Webinar III - Decision Making in Spinal Trauma (online), IBNC - International Basic Neurosurgery Course, 2021

Health&Medicine, Sinir Sistemi Cerrahisi Derneği Vasküler Nöroşirurji Sempozyumu (online), Nervous System Surgery Society, 2021

Health&Medicine, Spinal Temel Eğitim Programı 1. Modül (online), Turkish Neurosurgical Society, 2021

Health&Medicine, IBNC 2021 Webinar II - Functional (online), IBNC - International Basic Neurosurgery Course, 2021

Health&Medicine, Masters with Turkish Rhoton Fellows Group - 3th Skull Base Course (online), Acibadem Mehmet Ali Aydınlar University, 2020

Health&Medicine, Translab Approach for Optimizing Facial Nerve Outcome in Vestibular Schwannoma Treatment (online), Indonesia National Brain Center, 2020

Health&Medicine, I. Beyin Ak Madde Diseksiyon Kursu, Acibadem Mehmet Ali Aydınlar University, 2019

Research Areas

Nervous System Surgery

Academic Titles / Tasks

Research Assistant PhD, Gazi University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, 2018 - Continues

Specialization Student, University Of Health Sciences, Ankara Dışkapı Yıldırım Beyazıt Health Research Center, Department Of Surgical Medical Sciences, 2018 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Automatic Segmentation of Vestibular Schwannomas: A Systematic Review**
Nernekli K., Persad A. R., Hori Y. S., Yener U., ÇELTİKÇİ E., ŞAHİN M. Ç., SÖZER A., Sozer B., Park D. J., Chang S. D.
World Neurosurgery, vol.188, pp.35-44, 2024 (SCI-Expanded)
- II. **Beyond human in neurosurgical exams: ChatGPT's success in the Turkish neurosurgical society proficiency board exams.**
Şahin M. Ç., Sözer A., Kuzucu P., Turkmen T., Sahin M. B., Sozer E., Tüfek O. Y., Nernekli K., Emmez H., Çeltikçi E.
Computers in biology and medicine, vol.169, pp.107807, 2024 (SCI-Expanded)

Articles Published in Other Journals

- I. **A rare case report of pituitary ependymoma**
Karaaslan M. M., Sözer A., Korpeoglu T., Sahin M. M., Kuzucu P., Celtikci E.
Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, vol.33, 2023 (ESCI)
- II. **The first case of glioma detected by an artificial intelligence algorithm running on real-time data in neurosurgery: illustrative case**
Sozer A., Borcek A. O., Sagiroglu S., Poshtkouh A., Demirtas Z., Karaaslan M. M., Kuzucu P., Celtikci E.
Journal of Neurosurgery: Case Lessons, vol.5, no.19, 2023 (Scopus)

Books & Book Chapters

- I. **Pediatric Intradural and Extradural Tumors**

Sözer A., Börcek A. Ö.

in: Spine and Spinal Cord Tumors, Dalgıç Ali,Yılmaz Mesut,Doğan Şeref,Dağtekin Ahmet,Gürçay Ahmet
Gürhan,Yaman Onur,Kılınçer Cumhuri, Editor, Türk Nöroşirürji Derneği Yayınları, Ankara, pp.373-376, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **Kaide ve kraniyal görüntüleme yapay zeka uygulamaları**
Sözer A.
6. Kafa Tabanı Kongresi, İstanbul, Turkey, 16 - 18 February 2024
- II. **Pitüiter Ependimom: Nadir yerleşimli olgu sunumu**
Karaaslan M. M., Sözer A., Kuzucu P., Çeltikçi E.
5. Kafa Tabanı Kongresi, İstanbul, Turkey, 12 - 13 May 2023, pp.12
- III. **Case Report of a Thoracic Cavernous Hemangioma with Transforaminal Protrusion**
Sözer A., Erdem M., Çelik A., Kale A.
Türk Nöroşirürji Derneği 35. Bilimsel Kongresi, Antalya, Turkey, 24 - 27 November 2022, vol.32, pp.283
- IV. **Stereotaktik Radyocerrahi İle Tedavi Edilen Galen Veni Avm Olgusu**
Kuzucu P., Sözer A., Börcek A. Ö.
Türk Nöroşirürji Derneği 35. Bilimsel Kongresi, Antalya, Turkey, 24 - 27 November 2022, vol.32, pp.152
- V. **Pneumocephalus During Stereotactic Biopsy in a Patient with Ventriculoperitoneal Shunt**
Sözer A., Bozkurt Ö. F., Çeltikçi E.
Türk Nöroşirürji Derneği 35. Bilimsel Kongresi, Antalya, Turkey, 24 - 27 November 2022, vol.32, pp.319
- VI. **Our Last 5 Years of Experience in Cerebellopontine Angle Tumors and Post-Operative Preservation of Hearing**
Sözer A., Demirtaş O. K., Emmez Ö. H., Kurt G., Kaymaz A. M., Doğulu F. H., Aykol Ş.
Türk Nöroşirürji Derneği 33. Bilimsel Kongresi, Antalya, Turkey, 11 - 14 April 2019, vol.29, pp.398
- VII. **Case Report: Cerebral Toxoplasmosis**
Sözer A., Erol G., Çeltikçi E., Kaymaz A. M.
Türk Nöroşirürji Derneği 33. Bilimsel Kongresi, Antalya, Turkey, 11 - 14 April 2019, vol.29, pp.379

Supported Projects

YAMAN M. E., SÖZER A., Project Supported by Higher Education Institutions, STEREOTAKTİK RADYOCERRAHİNİN LONG EVANS RAT MODELİNDE OLUŞTURULAN ALKOL BAĞIMLILIĞI ÜZERİNDEKİ ETKİSİNİN ARAŞTIRILMASI, 2021 - 2023

Metrics

Publication: 12

Citation (WoS): 1

Citation (Scopus): 2

H-Index (WoS): 1

H-Index (Scopus): 1