

# HALİL CAN ALAYDIN

## RES. ASST. PHD

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International Researcher IDs

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### Learning Knowledge

|                                                |                                                              |
|------------------------------------------------|--------------------------------------------------------------|
| Post Doctorate of Medicine<br>2020 - Continues | Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, Turkey |
| Expertise In Medicine<br>2013 - 2018           | Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, Turkey |
| Undergraduate<br>2007 - 2013                   | Gazi University, Tıp Fakültesi, Turkey                       |

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Health&Medicine, 26. Uyku Tıbbı Hekimliği Sertifikasyon Hazırlık Kursu, Turkish Sleep Medicine Society, 2022

### Dissertations

Expertise In Medicine, Benlik algısının motor korteks uyarılabilirliği üzerindeki etkisi, Gazi University, Tıp Fakültesi, 2018

### Academic Titles / Tasks

|                                            |                                                      |
|--------------------------------------------|------------------------------------------------------|
| Research Assistant PhD<br>2020 - Continues | Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri |
|--------------------------------------------|------------------------------------------------------|

### Published journal articles indexed by SCI, SSCI, and AHCI

- Long-interval afferent inhibition measurement using two different methods: Normative values, repeatability and reliability**  
BORAN H. E., Alaydin H. C., KILINÇ H. E., Tankışi H., Samusyte G., Howells J., Koltzenburg M., CENGİZ B.  
Neurophysiologie Clinique, vol.54, no.1, 2024 (SCI-Expanded)
- Feasibility and reliability of MScanFit motor unit number estimation in peroneus longus muscle**

- Tankisi D. A., Alaydin H. C., Boran E., Cengiz B.  
MUSCLE & NERVE, vol.66, no.4, pp.503-507, 2022 (SCI-Expanded)
3. **Estimating the motor unit number of the flexor carpi ulnaris muscle with MScanFit MUNE**  
Alaydin H. C., Turkmen N., Boran H. E., Cengiz B.  
MUSCLE & NERVE, vol.66, no.2, pp.212-215, 2022 (SCI-Expanded)
  4. **Short latency afferent inhibition: comparison between threshold-tracking and conventional amplitude recording methods**  
CENGİZ B., BORAN H. E., ALAYDIN H. C., Tankisi H., Samusyte G., Howells J., Koltzenburg M., Bostock H.  
Experimental Brain Research, vol.240, pp.1241-1247, 2022 (SCI-Expanded)
  5. **Body Ownership, Sensorimotor Integration and Motor Cortical Excitability: A TMS Study About Rubber Hand Illusion.**  
Alaydin H. C., Cengiz B.  
Neuropsychologia, vol.161, pp.107992, 2021 (SCI-Expanded)
  6. **Short-latency afferent inhibition remains intact without cortical somatosensory input: Evidence from a patient with isolated thalamic infarct**  
Alaydin H. C., Ataoglu E. E., Caglayan H. Z. B., Tokgoz N., Naziel B., Cengiz B.  
BRAIN STIMULATION, vol.14, no.4, pp.804-806, 2021 (SCI-Expanded)
  7. **Monocyte to high-density lipoprotein cholesterol ratio is associated with the presence of carotid artery disease in acute ischemic stroke**  
Omar T., Karakayali M., Yesin M., Alaydin H. C., Karabag Y., Gumusdag A.  
BIOMARKERS IN MEDICINE, vol.15, pp.489-495, 2021 (SCI-Expanded)
  8. **Reduced Short-Latency Afferent Inhibition Indicates Impaired Sensorimotor Integrity During Migraine Attacks**  
Alaydin H. C., VURALI D., Keceli Y., Can E., CENGİZ B., Bolay H. B.  
HEADACHE, vol.59, no.6, pp.906-914, 2019 (SCI-Expanded)
  9. **The effect of the anodal transcranial direct current stimulation over the cerebellum on the motor cortex excitability**  
Ates M. P., Alaydin H. C., CENGİZ B.  
BRAIN RESEARCH BULLETIN, vol.140, pp.114-119, 2018 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

1. **SS-62 SERVİKAL DİSTONİ HASTALARINDA DUYUSAL HİLENİN KORTİKAL UYARILABİLİRLİK ÜZERİNDEKİ ETKİSİNİN DEĞERLENDİRİLMESİ**  
KURTKAYA KOÇAK Ö., ALAYDIN H. C., BORAN H. E., CENGİZ B., TOKÇAER BORA H. A.  
58. ULUSAL NÖROLOJİ KONGRESİ, Antalya, Turkey, 19 November 2022
2. **Uzun latanslı afferent inhibisyon yöntemlerinin güvenilirliği ve karşılaştırılması: Amplitüd ölçümü ve eşik izleme**  
BORAN H. E., ALAYDIN H. C., Kılınç H., KURTKAYA KOÇAK Ö., CENGİZ B.  
38. Ulusal Klinik Nörofizyoloji EEG-EMG Kongresi, Muğla, Turkey, 26 October 2022
3. **TU-102. Does playing an instrument affect sensorimotor integration?**  
Kılınç H., Topa E. G., ALAYDIN H. C., BORAN H. E., CENGİZ B.  
32nd International Congress of Clinical Neurophysiology, Switzerland, 04 September 2022, vol.141
4. **Applicability and reliability of MScanFit MUNE in peroneus longus muscle**  
Tankisi D. A., Alaydin H. C., Boran H. E., Cengiz B.  
32nd International Congress of Clinical Neurophysiology (ICCN) of the IFCN, Geneva, Switzerland, 4 - 08 September 2022, pp.97-98
5. **Bir İktal Asistoli Olgu Sunumu**  
Ceren Akgör M. H., Alaydin H. C., Sezenöz B., Akyol Gürses A., Yıldırım İ.  
13. Ulusal Epilepsi Kongresi, Muğla, Turkey, 26 - 29 May 2022, pp.1

6. **İNME BENZERİ TABLO İLE PREZENTE OLAN CREUTZFELDT-JAKOB HASTALIĞI: ÜÇ OLGU EŞLİĞİNDE GÖZDEN GEÇİRME**  
Cansu Ç., Kökmen H., Akyol Gürses A., Alaydın H. C., Batur Çağlayan H. Z., Yıldırım İ., Uçar M., Nazliel B.  
57. Ulusal Nöroloji Kongresi, Antalya, Turkey, 27 November - 02 December 2021, pp.236
7. **İnme Benzeri Tablo İle Prezente Olan Creutzfeldt- Jakob Hastalığı: Üç Olgu Eşliğinde Gözden Geçirme**  
CANSU Ç., KÖKMEN H., AKYOL GÜRSES A., ALAYDIN H. C., BATUR ÇAĞLAYAN H. Z., YILDIRIM İ., UÇAR M., NAZLIEL B.  
57. Ulusal Nöroloji Kongresi, Antalya, Turkey, 27 November 2021
8. **Multipl Skleroz Hastalarında Görsel Uyarılmış Potansiyeller ile Beyin Hacim Kaybı Öngörüsü Sağlanabilir mi?**  
Okar S. V., Alaydın H. C.  
Istanbul MS Days 2019, İstanbul, Turkey, 31 October - 02 November 2019, pp.65
9. **Sensorimotor Integrity is Impaired During Migraine Attacks**  
VURALLI D., Alaydın H. C., Keceli Y., Can E., CENGİZ B., Bolay H. B.  
19th International Headache Congress of International-Headache-Society, Dublin, Ireland, 5 - 08 September 2019, vol.39, pp.171
10. **Sporadik bir kriptokok menenjitisi olgusu**  
ALAYDIN H. C., BATUR ÇAĞLAYAN H. Z., NAZLIEL B., DİZBAY M., UÇAR M.  
52.Ulusal Nöroloji Kongresi, Turkey, 25 November - 01 December 2016

## Metrics

Publication: 22  
Citation (WoS): 33  
Citation (Scopus): 43  
H-Index (WoS): 4  
H-Index (Scopus): 4

## Congress and Symposium Activities

Attendee, Muğla, Turkey, 2022

## Research Areas

Health Sciences, Neurology