

Asst. Prof. DOĐA VURALLI

Personal Information

Email: dogavuralli@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/dogavuralli>

Education Information

Doctorate, Gazi University, Sađlık Bilimleri Enstitüsü, Nörobilim (Dr), Turkey 2015 - 2019

Post Doctorate of Medicine, Gazi University, Tıp Fakültesi, Turkey 2015 - 2018

Expertise In Medicine, Gazi University, Tıp Fakültesi, Turkey 2008 - 2014

Undergraduate, Hacettepe University, Tıp Fakültesi, Tıp Pr. (İngilizce), Turkey 2001 - 2007

Research Areas

Health Sciences

Academic Titles / Tasks

Lecturer, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2020 - Continues

Jury Memberships

Expertise In Medicine, Expertise In Medicine, Gazi Üniversitesi, April, 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **IVIg-induced headache: prospective study of a large cohort with neurological disorders**
Hasırcı Bayır B. R., Ünsal M. A., AĐIRCAN C., Cerrahođlu Şirin T., Akan O., Gürsoy G., Eyigürbüz T., Mermi Dibek D., Akdađ G., Elmalı A. D., et al.
Neurological Sciences, vol.44, no.8, pp.2871-2881, 2023 (SCI-Expanded)
- II. **Visual temporal discrimination is impaired in patients with migraine without aura.**
Başarı A., Boran H. E., Vuralli D., Cengiz B., Bolay H. B.
Headache, vol.63, no.2, pp.202-210, 2023 (SCI-Expanded)
- III. **Migraine susceptibility is modulated by food triggers and analgesic overuse via sulfotransferase inhibition**
Vuralli D., Arslan B., Topa E. G., De Morais A. L., Gulbahar Ö., Ayata C., Bolay H. B.
JOURNAL OF HEADACHE AND PAIN, vol.23, no.1, 2022 (SCI-Expanded)
- IV. **Cluster Analysis Revealed Two Hidden Phenotypes of Cluster Headache**
Dikmen P. Y., Ari C., Sahin E., Ertas M., Domac F. M., Aydınlar E., Şahin A., Ozge A., Ozguner H., Karadas O., et al.
FRONTIERS IN NEUROLOGY, vol.13, 2022 (SCI-Expanded)
- V. **CADASIL mutations sensitize the brain to ischemia via spreading depolarizations and abnormal extracellular potassium homeostasis.**

Oka F., Lee J. H., Yuzawa I., Li M., Von Bornstaedt D., Eikermann-Haerte K., Qin T., Chung D. Y., Sadeghian H., Seidel J. L., et al.

The Journal of clinical investigation, vol.132, no.8, 2022 (SCI-Expanded)

- VI. **Weak Transcranial Direct Current Effect on I Waves: A Single Motor Unit Recording Study of Healthy Controls**
Akyol Gürses A., Boran H. E., Vuralı D., Cengiz B.
Neurological Sciences and Neurophysiology, vol.39, pp.68-73, 2022 (SCI-Expanded)
- VII. **Updated review on the link between cortical spreading depression and headache disorders.**
Vuralı D., Karatas H., Yemişçi M., Bolay H. B.
Expert review of neurotherapeutics, vol.21, pp.1069-1084, 2021 (SCI-Expanded)
- VIII. **Aura and Head pain: relationship and gaps in the translational models**
Bolay H. B., VURALLI D., Goadsby P. J.
JOURNAL OF HEADACHE AND PAIN, vol.20, no.1, 2019 (SCI-Expanded)
- IX. **Reduced Short-Latency Afferent Inhibition Indicates Impaired Sensorimotor Integrity During Migraine Attacks**
Alaydin H. C., VURALLI D., Keceli Y., Can E., CENGİZ B., Bolay H. B.
HEADACHE, vol.59, no.6, pp.906-914, 2019 (SCI-Expanded)
- X. **Somatosensory temporal discrimination is impaired in fibromyalgia**
GÜNENDİ Z., Polat M., VURALLI D., CENGİZ B.
JOURNAL OF CLINICAL NEUROSCIENCE, vol.60, pp.44-48, 2019 (SCI-Expanded)
- XI. **The effect of medial longitudinal arch height and medial longitudinal arch support insoles on postural balance in perimenopausal women**
Karatas L., VURALLI D., GÜNENDİ Z.
Turkish Journal of Medical Sciences, vol.49, no.3, pp.755-760, 2019 (SCI-Expanded)
- XII. **Pharmacology of Interventional Headache Management**
Sara Y., VURALLI D.
PERIPHERAL INTERVENTIONAL MANAGEMENT IN HEADACHE, pp.17-26, 2019 (SCI-Expanded)
- XIII. **Behavioral and cognitive animal models in headache research**
VURALLI D., Wattiez A., Russo A. F., Bolay H. B.
JOURNAL OF HEADACHE AND PAIN, vol.20, 2019 (SCI-Expanded)
- XIV. **Cognitive dysfunction and migraine**
VURALLI D., Ayata C., Bolay H. B.
JOURNAL OF HEADACHE AND PAIN, vol.19, 2018 (SCI-Expanded)
- XV. **Analysis of mirror neuron system activation during action observation alone and action observation with motor imagery tasks**
CENGİZ B., VURALLI D., ZİNNUROĞLU M., Bayer G., Golmohammadzadeh H., GÜNENDİ Z., TURGUT A. E., İRFANOĞLU B., ARIKAN K. B.
EXPERIMENTAL BRAIN RESEARCH, vol.236, no.2, pp.497-503, 2018 (SCI-Expanded)
- XVI. **Visual and Postural Motion-Evoked Dizziness Symptoms Are Predominant in Vestibular Migraine Patients**
VURALLI D., Yildirim F., AKÇALI D. T., İLHAN M. N., Goksu N., Bolay H. B.
PAIN MEDICINE, vol.19, no.1, pp.178-183, 2018 (SCI-Expanded)
- XVII. **Somatosensory temporal discrimination remains intact in tension-type headache whereas it is disrupted in migraine attacks**
VURALLI D., BORAN H. E., CENGİZ B., COŞKUN Ö., Bolay H. B.
CEPHALALGIA, vol.37, no.13, pp.1241-1247, 2017 (SCI-Expanded)
- XVIII. **MR Tractography in Short Lasting Unilateral Neuralgiform Headache Attacks with Conjunctival Injection and Tearing (SUNCT) Patients: Case Reports**
COŞKUN Ö., UÇAR M., VURALLI D., Yildirim F., Cetinkaya R., Takmaz S. A., Ucler S.
PAIN MEDICINE, vol.18, no.7, pp.1377-1381, 2017 (SCI-Expanded)
- XIX. **Metoclopramide inhibits trigeminovascular activation: evidence for effective acute attack treatment**

in migraine

Doganay Aydin H., VURALLI D., AKÇALI D. T., Bolay H. B.

TURKISH JOURNAL OF MEDICAL SCIENCES, vol.47, no.1, pp.343-347, 2017 (SCI-Expanded)

XX. Chronic Migraine Is Associated With Sustained Elevation of Somatosensory Temporal Discrimination Thresholds

VURALLI D., BORAN H. E., CENGİZ B., COŞKUN Ö., Bolay H. B.

HEADACHE, vol.56, no.9, pp.1439-1447, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Subaraknoid Kanamanın Klinik Özellikleri, Sentinel Baş ağrısı ve Ayırıcı Tanı**
VURALLI D., BELEN H. B.
Türk Nöroşirürji Dergisi, vol.28, no.3, pp.380-385, 2018 (Peer-Reviewed Journal)
- II. **Türkiye’de Kronik Migren Özellikleri ve Hastaya Yaklaşım**
VURALLI D., BELEN H. B.
Türkiye Klinikleri Tıp Bilimleri Dergisi, vol.10, no.4, pp.347-352, 2017 (Scopus)
- III. **The Effect of Intraarticular Ozone Treatment on Pain in Patients with Gonarthrosis**
Akcali D. T., İNAN N., VURALLI D., Dayanir H., Babacan A.
GAZI MEDICAL JOURNAL, vol.27, no.3, pp.132-134, 2016 (ESCI)
- IV. **The role of cortical spreading depression in migraine**
VURALLI D., Bolay H. B.
FUTURE NEUROLOGY, vol.10, no.6, pp.503-506, 2015 (ESCI)
- V. **Restless Legs Syndrome as the Initial Presentation of Multiple Sclerosis**
İRKEÇ C., VURALLI D., KARAÇAY ÖZKALAYCI Ş.
CASE REPORTS IN MEDICINE, vol.2013, pp.1-4, 2013 (Scopus)
- VI. **6-14 yaş grubu çocuklarda el yıkama ile ilgili bir müdahale çalışması**
MUTLU M. Ş., VURAL S., VURALLI D., YÜKSEL S., YILDIZ F., ASLAN D.
TSK Koruyucu Hekimlik Bülteni, vol.7, no.1, pp.65-70, 2008 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Pediatric headache**
Vuralı D., Özge A., Belen H. B.
in: Headache and migraine in practice, Togha M,Jafari E,Mohammadinejat SE,Haghighi S,Ansari H, Editor, Elsevier Science, Oxford/Amsterdam , London, pp.239-265, 2022
- II. **Kalsitonin Gen İlişkili Peptid Antagonizmasının Migren Tedavisinde Yeri**
Çelik G., Vuralı D., Belen H. B.
in: Tanıdan Tedaviye BAŞAĞRISI, Musa ÖZTÜRK,Şebnem BIÇAKCI,Babür DORA,Figen GÖKÇAY,Necdet KARLI,Derya ULUDÜZ,Sabahattin SAIP, Editor, Akademisyen Yayınevi Kitabevi, Ankara, pp.199-204, 2022
- III. **Pharmacology of Interventional Headache Management**
Vuralı D.
in: Peripheral Interventional Management in Headache, Aynur Özge,Derya Uludüz,Ömer Karadaş,Hayrunnisa Bolay, Editor, Springer, London/Berlin , Zug, pp.17-26, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **Pulse radiofrequency of the greater occipital nerve in a patient with Cervicogenic headache**
Farham F., Celik G., Kaya A. C., İnan N., Vuralı D.

Global Migraine & Pain Summit, 6th MENA Meeting & 4rd Turkish African Meeting Of Headache And Pain Management 2022, Antalya, Turkey, 2 - 05 November 2022, pp.35

- II. Vurallı D.
58. Ulusal Nöroloji Kongresi, Antalya, Turkey, 19 - 24 November 2022, pp.21
- III. Vurallı D.
58. Ulusal Nöroloji Kongresi, Antalya, Turkey, 19 - 24 November 2022, pp.764
- IV. Ceren Akgör M. H., Gökçe S., Vurallı D., Taşdelen B., Gültekin F., Belen H. B.
58. Ulusal Nöroloji Kongresi, Antalya, Turkey, 19 - 24 November 2022, pp.17
- V. Genç H., Vurallı D., Uludüz D., Ekizoğlu E., Kissani ., Lusorganov O., Ünal Çevik I., Togha M., Özdemir A. A., Özge A.
58. Ulusal Nöroloji Kongresi, Antalya, Turkey, 19 - 24 November 2022, pp.1036
- VI. Senar S., Vurallı D., Çelik G., Erturul Tokgöz E., Belen H. B.
58. Ulusal Nöroloji Kongresi, Antalya, Turkey, 19 - 24 November 2022, pp.684
- VII. Gökçe S., Ceren Akgör M. H., Vurallı D., Taşdelen B., Gültekin F., Belen H. B.
58. Ulusal Nöroloji Kongresi, Antalya, Turkey, 19 - 24 November 2022, pp.765
- VIII. **Systemic Inflammatory Markers in Chronic and Episodic Migraine**
Vurallı D.
Global Migraine & Pain Summit, 6th MENA Meeting & 4rd Turkish African Meeting Of Headache And Pain Management 2022, Antalya, Turkey, 2 - 05 November 2022, pp.34
- IX. **Headache can be associated with a subdural hematoma that develops after spontaneous intracranial hypotension: a case report**
Çelik G., Vurallı D., Akçalı D. T., Belen H. B.
Global Migraine & Pain Summit, 6th MENA Meeting & 4rd Turkish African Meeting Of Headache And Pain Management 2022, Antalya, Turkey, 2 - 05 November 2022, pp.36
- X. **Migraine management with peripheral nerve blocks during pregnancy: a case report**
Çetin H., Vurallı D.
Global Migraine & Pain Summit, 6th MENA Meeting & 4rd Turkish African Meeting Of Headache And Pain Management 2022, Antalya, Turkey, 2 - 05 November 2022, pp.55
- XI. **Co-occurrence of Medication Overuse Headache and Irritable Bowel Syndrome and Food Triggers**
Ceren Akgör M. H., Gökçe S., Vurallı D., Taşdelen B., Gültekin F., Belen H. B.
Global Migraine & Pain Summit, 6th MENA Meeting & 4rd Turkish African Meeting Of Headache And Pain Management 2022, Antalya, Turkey, 2 - 05 November 2022, pp.28
- XII. **Novel Mechanisms for Food Triggers and Analgesic Abuse**
Vurallı D.
Global Migraine & Pain Summit, 6th MENA Meeting & 4rd Turkish African Meeting Of Headache And Pain Management 2022, Antalya, Turkey, 2 - 05 November 2022
- XIII. **A Common Mechanism for Migraine Food Triggers and Analgesic Overuse: Sulfotransferase Inhibition**
Vurallı D.
58. Ulusal Nöroloji Kongresi, Antalya, Turkey, 19 - 24 November 2022
- XIV. **Trigeminal Autonomic Cephalalgias are Associated with Normal Somatosensory Temporal Discrimination Thresholds**
Vurallı D.
6th MENA Meeting 4th Turkish African Meeting of Headache and Pain Management, Antalya, Turkey, 2 - 05 November 2022
- XV. **Food Triggers in Migraine Headache**
Gökçe S., Ceren Akgör M. H., Vurallı D., Taşdelen B., Gültekin F., Belen H. B.
Global Migraine & Pain Summit, 6th MENA Meeting & 4rd Turkish African Meeting Of Headache And Pain Management 2022, Antalya, Turkey, 2 - 05 November 2022, pp.41
- XVI. **Headache triggers in primary headache disorders: A subgroup analysis of the Head-MENAA study**
Genç H., Vurallı D., Uludüz D., Kocasoy Orhan E., Kissani N., Luvsannorov O., Ünal Çevik I., Togha M., Özdemir A. A., Özge A.

Global Migraine & Pain Summit, 6th MENA Meeting & 4rd Turkish African Meeting Of Headache And Pain Management 2022, Antalya, Turkey, 2 - 05 November 2022, pp.51

- XVII. MİGRENDE GÖRSEL ALGININ DEĞERLENDİRİLMESİ**
BAŞARI A., BELEN H. B., CENGİZ B., BORAN H. E., VURALLI D.
57. ULUSAL NÖROLOJİ KONGRESİ, Antalya, Turkey, 27 November 2021
- XVIII. Sulfotransferase Inhibitors in the Pathophysiology of Migraine**
Vurallı D., Abbasoğlu Topa E. G., Arslan B., Lopes De Morais A., Gülbahar Ö., Ayata C., Belen H. B.
Global Migraine and Pain Summit, 4th MENA Meeting 2nd Turkish African Meeting of Headache and Pain Management, Antalya, Turkey, 28 - 31 October 2020, vol.1, no.1, pp.9
- XIX. SUSTAINED DISRUPTION OF SENSORY PROCESSING IN CHRONIC MIGRAINE**
VURALLI D., BORAN H. E., CENGİZ B., COŞKUN Ö., BELEN H. B.
5th European Headache and Migraine Trust International Congress - EHMTIC, Glasgow, United Kingdom, 15 - 18 September 2016, vol.36, pp.66
- XX. Trigeminal Otonomik Sefaljiler: Olgu Sunumu**
VURALLI D.
1. Genç Algologlar Kongresi, İstanbul, Turkey, 04 October 2019
- XXI. Sensorimotor Integrity is Impaired During Migraine Attacks**
VURALLI D., Alaydin 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
- XXII. Sensorimotor integration in fibromyalgia**
VURALLI D., Ayyıldız T., Bozdağ Y., CENGİZ B., GÜNENDİ Z.
17th European Congress of Clinical Neurophysiology, 5 - 08 June 2019
- XXIII. Motor Kortikal Uyarılabilirlik: Yaşa Göre Normal Değerlere İhtiyacımız Var Mı ?**
VURALLI D., CENGİZ B.
35. Ulusal Klinik Nörofizyoloji EEG-EMG Kongresi, Muğla, Turkey, 3 - 07 April 2019
- XXIV. Fibromiyalji de sensorimotor entegrasyonun kısa latanslı afferent inhibisyon ile değerlendirilmesi**
VURALLI D., Ayyıldız T., Bozdağ Y., CENGİZ B., GÜNENDİ Z.
Uluslararası Katılımlı 15. Ulusal Ağrı Kongresi, Antalya, Turkey, 15 November 2018
- XXV. Monoton Uyarı Sırasında EEG (Mü) Ritim Deseknronizasyonu.**
Bayer G., Golmohammadzadeh H., VURALLI D., ZİNNUROĞLU M., GÜNENDİ Z., TURGUT A. E., ARIKAN K. B., Kutsal T.
33. Ulusal Klinik Nörofizyoloji EEG-EMG Kongresi, Turkey, 22 - 26 April 2017
- XXVI. MİGREN ATAĞINDA POTANSİYEL BİR BİYOBELİRTEÇ SOMATOSENSORYEL TEMPORAL DİSKRİMİNASYON**
VURALLI D., BORAN H. E., CENGİZ B., COŞKUN Ö., BELEN H. B.
52. Ulusal Nöroloji Kongresi, Antalya, Turkey, 25 November 2016
- XXVII. Farklı bir spontan intrakranial hipotansiyon olgusu**
VURALLI D., İNAN N., ALAYDIN H. C., BATUR ÇAĞLAYAN H. Z.
14. Ulusal Ağrı Kongresi, Antalya, Turkey, 03 November 2016
- XXVIII. SOMATOSENSORY TEMPORAL DISCRIMATION TEST DIFFERENTIATES MIGRAINE HEADACHE FROM TENSION TYPE HEADACHE**
VURALLI D., BORAN H. E., CENGİZ B., COŞKUN Ö., BELEN H. B.
5th European Headache and Migraine Trust International Congress - EHMTIC, Glasgow, United Kingdom, 15 - 18 September 2016, vol.36, pp.78
- XXIX. VISUAL AND POSTURAL MOTION EVOKED DIZZINESS SYMPTOMS DOMINATE IN VESTIBULAR MIGRAINE PATIENTS**
VURALLI D., Yıldırım F., Akçalı D., İLHAN M. N., GÖKSU N., BELEN H. B.
5th European Headache and Migraine Trust International Congress - EHMTIC, Glasgow, England, 15 September 2016
- XXX. SOMATOSENSORY TEMPORAL DISCRIMATION TEST DIFFERENTIATES MIGRAINE HEADACHE FROM**

TENSION TYPE HEADACHE

VURALLI D., BORAN H. E., CENGİZ B., COŞKUN Ö., BELEN H. B.

5th European Headache and Migraine Trust International Congress - EHMTIC, Glasgow, England, 15 September 2016

XXXI. **Fibromiyaljide intranazal sfenopalatin ganglion blokajı**

AKÇALI D. T., VURALLI D., BABACAN C. A., BELEN H. B.

TARK 2015 Türk Anesteziyoloji ve Reanimasyon Derneği 49. Ulusal Kongresi, Antalya, Turkey, 2 - 06 December 2015

XXXII. **Septic hydatid cerebral emboli with a subaracnoid hemorrhage**

ÇAPRAZ İ., BATUR ÇAĞLAYAN H. Z., NAZLIEL B., VURALLI D.

XXI World Congress of Neurology, Viyana, Austria, 21 - 26 November 2013, vol.333, pp.227

XXXIII. **Nadir Görülen Bir Serebral Emboli Olgusu**

ÇAPRAZ İ., BATUR ÇAĞLAYAN H. Z., VURALLI D., ERER D., ÖNER A. Y., NAZLIEL B.

48.Ulusal Nöroloji Kongresi, Turkey, 16 - 22 November 2012

XXXIV. **Temporal Lob Epilepsisinde İktal EEG Başlangıç Paterni: Start-Stop-Start Fenomeni**

Yıldırım Çapraz İ., AKYOL GÜRSES A., VURALLI D., BORAN H. E., AKKAYA E., BİLİR E.

28. ULUSAL KLİNİK NÖROFİZYOLOJİ, EEG-EMG KONGRESİ, Antalya, Turkey, 25 April 2012

XXXV. **Gazi Tıp Fakültesi klinik nörofizyoloji laboratuvarı brakial pleksopati olgularına bakış**

KARACAN GÖLEN M., VURALLI D., ÇAPRAZ İ., BORA TOKÇAER A.

48. Ulusal Nöroloji Kongresi, Antalya, Turkey, 16 - 22 April 2012

XXXVI. **Acute Autoimmune Cerebellar Ataxia**

MERCAN M., VURALLI D., Bora Tokçaer A.

XIX World Congress on Parkinsons Disease and Related Disorders, Şangay, China, 11 December 2011

XXXVII. **Fasiyal dipleji olgusu**

ÇAPRAZ İ., CENGİZ B., GÜLHAN M. B., VURALLI D., KOÇER E. B.

27. Ulusal Klinik Nörofizyoloji EEG-EMG Kongresi, Muğla, Turkey, 27 April - 01 May 2011

Metrics

Publication: 70

Citation (WoS): 254

Citation (Scopus): 321

H-Index (WoS): 8

H-Index (Scopus): 8