

## Prof. ELİF AYDINLAR

### Personal Information

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### Research Areas

Health Sciences

### Courses

Akson ve Demyelinizasyon, intraoperatif nöromonitörizasyon, Associate Degree, 2020 - 2021

Koma ve SSS enfeksiyonlarında EEG, Associate Degree, 2020 - 2021

Cranial Neuropathy, Peripheral Neuropathy, Headache, Postgraduate, 2020 - 2021

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Clinical characteristics and burden of a large series with cluster headache from Turkey**  
Dikmen P. Y. , Ari C., Sahin E., Ertas M., Domac F. M. , AYDINLAR E., Sahin A., Ozge A., Ozguner H., Karadas O., et al.  
CEPHALALGIA, vol.41, no.1\_SUPPL, pp.32, 2021 (Journal Indexed in SCI)
- II. **Association between migraine-related disability and negative thought content, metacognition and emotional distress in adult patients with migraine**  
YAVUZ B., Acar E., Sancak B., Sayin I. E. , Dikmen P. Y. , AYDINLAR E.  
CEPHALALGIA, vol.41, no.1\_SUPPL, pp.101, 2021 (Journal Indexed in SCI)
- III. **High efficacy of onabotulinumtoxinA treatment in patients with comorbid migraine and depression: a meta-analysis.**  
Affatato O., Moulin T. C. , Pisanu C., Babasieva V. S. , Russo M., Aydinlar E., Torelli P., Chubarev V. N. , Tarasov V. V. , Schiöth H. B. , et al.  
Journal of translational medicine, vol.19, pp.133, 2021 (Journal Indexed in SCI Expanded)
- IV. **Shall elective neurosurgical patients be postponed during a pandemic? Lessons from the peak period of COVID-19 pandemic.**  
Elmaci I., Altinoz M. A. , Sari R., Syed H. R. , Aydinlar E., Kahraman S., Jean W. C.  
Journal of neurosurgical sciences, 2020 (Journal Indexed in SCI Expanded)
- V. **Intraoperative Neuromonitoring of Blink Reflex During Posterior Fossa Surgeries and its Correlation With Clinical Outcome.**  
Aydinlar E., Kocak M., Soykam H., Mat B., Dikmen P., Sezerman O., Elmaci I., Pamir M.  
Journal of clinical neurophysiology : official publication of the American Electroencephalographic Society, no.0, 2020 (Journal Indexed in SCI Expanded)
- VI. **Intraoperative Neuromonitoring of Blink Reflex During Posterior Fossa Surgeries and its Correlation With Clinical Outcome**  
Aydinlar E., Koçak M., Soykam H. O. , Mat B., Yalınay Dikmen P., Sezerman O. U. , Elmaci I., Pamir M. N.  
Journal Of Clinical Neurophysiology, vol.00, no.0, pp.1-8, 2020 (Journal Indexed in SCI Expanded)
- VII. **Relationship between MIDAS, depression, anxiety and alexithymia in migraine patients.**  
Yalınay D., Onur A., Kosak S., Ilgaz A., Sağduyu K.

Acta neurologica Belgica, vol.120, pp.837-844, 2020 (Journal Indexed in SCI Expanded)

- VIII. **Intraoperative motor speech mapping under general anesthesia using long-latency response from laryngeal muscles.**  
Aydinlar E., Dikmen P., Kocak M., Sahillioğlu E., Pamir M. N.  
Clinical neurology and neurosurgery, vol.190, pp.105672, 2020 (Journal Indexed in SCI Expanded)
- IX. **Intraoperative neuromonitoring of anterior root muscle response during hip surgery under spinal anesthesia**  
YALINAY DİKMEN P., ÖZDEN V. E. , DİKMEN G., Aydınlar E., Tozun I. R.  
Journal of Clinical Monitoring and Computing, vol.33, no.4, pp.695-702, 2019 (Journal Indexed in SCI)
- X. **Is the new ASNM intraoperative neuromonitoring supervision "guideline" a trustworthy guideline? A commentary.**  
Skinner S. A. , Aydınlar E., Borges L. F. , Carter B. S. , Currier B. L. , Deletis V., Dong C., Dormans J. P. , Drost G., Fernandez-Conejero I., et al.  
Journal of clinical monitoring and computing, vol.33, no.2, pp.185-190, 2019 (Journal Indexed in SCI)
- XI. **Correction to: Is the new ASNM intraoperative neuromonitoring supervision "guideline" a trustworthy guideline? A commentary.**  
Skinner S., Aydınlar E., Borges L., Carter B., Currier B., Deletis V., Dong C., Dormans J., Drost G., Fernandez-Conejero I., et al.  
Journal of clinical monitoring and computing, vol.33, pp.191-192, 2019 (Journal Indexed in SCI)
- XII. **Intraoperative Neuromonitoring of Motor-Evoked Potentials in Infants Undergoing Surgery of the Spine and Spinal Cord.**  
Aydinlar E., Dikmen P., Kocak M., Baykan N., Seymen N., Ozek M.  
Journal of clinical neurophysiology : official publication of the American Electroencephalographic Society, vol.36, no.1, pp.60-66, 2019 (Journal Indexed in SCI)
- XIII. **A single-center retrospective study of onabotulinumtoxinA for treatment of 245 chronic migraine patients: survey results of a real-world experience.**  
Yalinay D., Kosak S., Ilgaz A., Sagduyu K.  
Acta neurologica Belgica, vol.118, no.3, pp.475-484, 2018 (Journal Indexed in SCI)
- XIV. **OnabotulinumtoxinA effectiveness on chronic migraine, negative emotional states and sleep quality: a single-center prospective cohort study.**  
Aydinlar E., Dikmen P., Kosak S., Kocaman A.  
The journal of headache and pain, vol.18, no.1, pp.23, 2017 (Journal Indexed in SCI)
- XV. **Effects of Ozone on Spinal Cord Recovery via the Wnt/ &Beta;-Catenin Pathway Following Spinal Cord Injury in Rats.**  
Tural Emon S., USLU S., Ilgaz Aydınlar E., Irban A., Ince Ü., Orakdogen M., Gulec Suyen G.  
Turkish neurosurgery, vol.27, no.6, pp.946-951, 2017 (Journal Indexed in SCI)
- XVI. **The effect of femoral nerve block on fracture healing via expressions of growth factors and beta-catenin**  
USLU S., Irban A. G. , Gereli A., Aydınlar E., Elpen P., Ince Ü.  
FOLIA HISTOCHEMICA ET CYTOBIOLOGICA, vol.54, no.3, pp.151-158, 2016 (Journal Indexed in SCI)
- XVII. **The relationships between migraine, depression, anxiety, stress, and sleep disturbances.**  
Dikmen P., Yavuz B., Aydınlar E.  
Acta neurologica Belgica, vol.115, no.2, pp.117-22, 2015 (Journal Indexed in SCI)
- XVIII. **Grey zones in the diagnosis of adult migraine without aura based on the International Classification of Headache Disorders-III beta: exploring the covariates of possible migraine without aura.**  
ÖZGE A., Aydınlar E., Tasdelen B.  
Pain research & management, vol.20, no.1, 2015 (Journal Indexed in SCI)
- XIX. **The relation of sexual function to migraine-related disability, depression and anxiety in patients with migraine.**  
Eraslan D., Dikmen P., Aydınlar E., Incesu C.  
The journal of headache and pain, vol.15, pp.32, 2014 (Journal Indexed in SCI)

- XX. **SIMPLE ELECTRODIAGNOSTIC METHOD FOR MORTON NEUROMA**  
Aydinlar E., Uzun M., Beksac B., Ozden V. E. , Karaarslan E., Oge A. E.  
MUSCLE & NERVE, vol.49, no.2, pp.193-197, 2014 (Journal Indexed in SCI)
- XXI. **Expected and Experienced Pain Levels in Electromyography.**  
Dikmen P., Aydinlar E., Karlikaya G.  
Noro psikiyatri arsivi, vol.50, no.4, pp.364-367, 2013 (Journal Indexed in SCI)
- XXII. **Botulinum Toxin in Migraine Treatment.**  
Aydinlar E., Dikmen P., Kocaman A.  
Noro psikiyatri arsivi, vol.50, 2013 (Journal Indexed in SCI)
- XXIII. **Association between somatic amplification, anxiety, depression, stress and migraine.**  
Yavuz B., Aydinlar E., Dikmen P., Incesu C.  
The journal of headache and pain, vol.14, pp.53, 2013 (Journal Indexed in SCI)
- XXIV. **IgG-Based Elimination Diet in Migraine Plus Irritable Bowel Syndrome**  
Aydinlar E., Dikmen P., Tiftikci A., Saruc M., Aksu M., Gunsoy H. G. , Tozun N.  
HEADACHE, vol.53, no.3, pp.514-525, 2013 (Journal Indexed in SCI)
- XXV. **Relationship Between Pain and Emotional State in Patients Undergoing Electromyography**  
Dikmen P. Y. , Aysevener E. O. , Aydinlar E., Karlikaya G.  
NOROPSIKIYATRI ARSIVI-ARCHIVES OF NEUROPSYCHIATRY, vol.49, no.1, pp.48-52, 2012 (Journal Indexed in SCI)
- XXVI. **A Case of Hemicrania Continua Presenting As Temporomandibular Pain and Responding To Topiramate**  
Aydinlar E., Kaya D., Arman F.  
JOURNAL OF NEUROLOGICAL SCIENCES-TURKISH, vol.29, no.2, pp.347-350, 2012 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **A case of ruptured arachnoid cyst complicated with intracranial hypotension.**  
Aydinlar E., Koşak S., Yalınay Dikmen P., Karaarslan E., Berkman M. Z.  
Türkiye Klinikleri Journal of Case Reports, vol.27, no.4, pp.231-235, 2019 (Other Refereed National Journals)
- II. **Pain levels of examined muscles and gender differences in pain during electromyography.**  
Yalınay Dikmen P., Ilgaz Aydinlar E., Karlikaya G.  
Agri : Agri (Algoloji) Derneği'nin Yayın organidir = The journal of the Turkish Society of Algology, vol.27, no.2, pp.79-82, 2015 (Refereed Journals of Other Institutions)
- III. **Is brain biopsy essential for the diagnosis of acute disseminated encephalomyelitis? Beyin biyopsisi akut dissemine ensefalomiyelit tanı için gerekli midir?**  
YALINAY DİKMEN P., Ilgaz Aydinlar E., Türk A., DİNÇER A., SAĞDUYU KOCAMAN A.  
Marmara Medical Journal, vol.26, no.3, pp.158-161, 2013 (Refereed Journals of Other Institutions)
- IV. **A case of foot drop secondary to a giant extraneural ganglion cyst close to the peroneal nerve**  
**Düşük ayağa yol açan, peroneal sinir komşuluğunda dev ektranöral ganglion kisti olgusu**  
Aydinlar E., Tetik C., Silav G., Kaya B., ÖZGEN S.  
Marmara Medical Journal, vol.26, no.2, pp.102-104, 2013 (Journal Indexed in ESCI)

## Books & Book Chapters

- I. **Beyin vasküler nalformastonlar ve anevrizma cerrahisinde intraoperatif nöromonitörizasyon**  
Aydinlar E.  
in: Türkiye Klinikleri Nöroşirurji-Özel Konular, Nezih Özkan, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.93-97, 2019
- II. **Beyin vasküler malformasyonlar ve anevrizma cerrahisinde intraoperatif nöromonitörizasyon**  
Aydinlar E.

in: Türkiye Klinikleri Nöroşirürji - Özel Konular , Nezir Özkan, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.93-97, 2019

**III. Spinal kord Hastalıkları**

Aydınlar E.

in: Nörolojiye Giriş, Dilaver Kaya, Editor, Nobel Yayın Dağıtım, İstanbul, pp.173-182, 2016

**IV. Merkezi Sinir Sistemi Enfeksiyonu**

Aydınlar E.

in: Nörolojiye Giriş, Dilaver Kaya, Editor, Nobel Yayın Dağıtım, İstanbul, pp.77-84, 2016

**V. Nörolojide terimler ve semptomlar**

Aydınlar E.

in: Nörolojiye Giriş, Dilaver Kaya, Editor, Nobel Yayın Dağıtım, İstanbul, pp.9-16, 2016

**VI. Koma ve Bilinç Bozuklukları**

Aydınlar E., Sağduyu Kocaman A.

in: Nörolojiye Giriş, Dilaver Kaya, Editor, Nobel Yayın Dağıtım, İstanbul, pp.131-146, 2016

**VII. İntraoperatif omurilik monitörlemesi**

Aydınlar E.

in: Omurilik ve Omurga Cerrahisi, Elif Ilgaz Aydınlar, Editor, İnter Yayınları, İzmir, pp.413-420, 2013

## **Refereed Congress / Symposium Publications in Proceedings**

- I. Intraoperative neuromonitoring of blink reflex during skull base surgeries and its correlation with clinical outcome.**  
Aydınlar E., Koçak M., Soykam H. O. , Mat B., Yalınay Dikmen P., Sezerman O. U. , Pamir M. N.  
7 th Congress of the International Society of Intraoperative Neurophysiology and Educational Course, Vienna, Austria, 28 October - 02 November 2019, pp.84
- II. Intraoperative mapping of the Broca area by eliciting long latency response in laryngeal muscles in patient under general anesthesia**  
Aydınlar E., Yalınay Dikmen P., Koçak M., Pamir M. N.  
7th Congress of the International Society of Intraoperative Neurophysiology and Educational Course, Vienna, Austria, 28 October - 02 November 2019, pp.81
- III. Does being a night owl in migraine have any connection to higher migraine-related disability?**  
Dikmen P. Y. , ACAR E., Ozdemir Z., Aydınlar E., Kocaman A.  
19th International Headache Congress of International-Headache-Society, Dublin, Ireland, 5 - 08 September 2019, vol.39, pp.82
- IV. A Novel Method of Identifying Nerve Injury During Total Hip Arthroplasty**  
ÖZDEN V. E. , YALINAY DİKMEN P., DİKMEN G., AYDINLAR E., TÖZÜN İ. R.  
2. World Arthroplasty Congress, 19 - 21 April 2018
- V. What happens when chronic migraine patients quit onabotulinumtoxin?**  
Dikmen P. Y. , Kosak S., Aydınlar E., Kocaman A.  
18th International Headache Congress (IHC) of the International-Headache-Society, Vancouver, Canada, 7 - 10 September 2017, vol.37, pp.85-86
- VI. The Association between Alexithymia, Depression, Anxiety and Midas in Migraine patients**  
Dikmen P. Y. , Aysevener E. O. , Kosak S., Aydınlar E., Kocaman A.  
18th International Headache Congress (IHC) of the International-Headache-Society, Vancouver, Canada, 7 - 10 September 2017, vol.37, pp.234-235
- VII. Oxygen in cluster headache**  
Dikmen P. Y. , Aydınlar E., Kocaman A.  
International Headache Congress of the International-Headache-Society, Valencia, Spain, 14 - 17 May 2015, vol.35, pp.75
- VIII. Onabotulinumtoxin in chronic migraine**

Dikmen P. Y. , Aydınlar E., Kocaman A.

International Headache Congress of the International-Headache-Society, Valencia, Spain, 14 - 17 May 2015, vol.35, pp.42

**IX. Sezaryan Sonrası Posterior Reversible Ensefalopati Sendromu**

AKPEK E., KOÇYİĞİT M., AYDINLAR E., KARAARSLAN E., MUSAYEVA K.

Türk Anesteziyoloji ve Reanimasyon Derneği 47. Ulusal Kongresi, Turkey, 20 - 23 November 2013

**X. Grey Zones of Migraine without Aura Diagnosis**

Ozge A., Aydınlar E., Tasdelen B.

International Headache Congress of the International-Headache-Society and American-Headache-Society, Massachusetts, United States Of America, 27 - 30 June 2013, vol.33, pp.91

**XI. Relationship between Migraine-Related Disability and Somatosensory Amplification**

Yavuz B., Aydınlar E., Dikmen P. Y. , Ogel K., Incesu C. E. M.

International Headache Congress of the International-Headache-Society and American-Headache-Society, Massachusetts, United States Of America, 27 - 30 June 2013, vol.33, pp.263

**XII. Relation of Migraine and Female Sexual Dsyfunction**

Eraslan D., Dikmen P. Y. , Aydınlar E., Incesu C. E. M.

International Headache Congress of the International-Headache-Society and American-Headache-Society, Massachusetts, United States Of America, 27 - 30 June 2013, vol.33, pp.165

## **Memberships / Tasks in Scientific Organizations**

International Society of Intraoperative Neurophysiology, Board Member, 2019 - Continues, Italy

International Society of Intraoperative Neurophysiology, Board Member, 2017 - 2019, Italy

International Society of Intraoperative Neurophysiology, Board Member, 2015 - 2017, Italy

## **Scientific Refereeing**

NEUROSURGICAL FOCUS, SCI Journal, June 2021

JOURNAL OF CLINICAL MONITORING AND COMPUTING, Journal Indexed in SCI-E, February 2021

JOURNAL OF CLINICAL MONITORING AND COMPUTING, Journal Indexed in SCI-E, November 2020

TÜRK NÖROLOJİ DERGİSİ, National Scientific Refreed Journal, November 2020

JOURNAL OF CLINICAL NEUROPHYSIOLOGY, Journal Indexed in SCI-E, June 2020

## **Edit Congress and Symposium Activities**

International Society of Intraoperative Neurophysiology ISIN spring course, Invited Speaker, Madrid, Spain, 2021

İzmir Online Neurosurgery, Invited Speaker, İzmir, Turkey, 2021

Baş ağrısı kış okulu, Invited Speaker, İstanbul, Turkey, 2021

İzmir Nöroşirurji Günleri Online, İzmir Katip Çelebi Atatürk EAH Üniversitesi, Invited Speaker, İzmir, Turkey, 2020

Bosphorus International Neuroscience Symposium, Invited Speaker, İstanbul, Turkey, 2019

Türkiye Klinik Nörofizyoloji EEG-EMG Derneği, İntraoperatif Nöromonitörizasyon kursu , Invited Speaker, İstanbul, Turkey, 2019

## **Citations**

Total Citations (WOS):179

h-index (WOS):6