

Asst. Prof. Mehmet ERGEN

Personal Information

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International Researcher IDs

ScholarID: zzmeadMAAAAJ

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Publons / Web Of Science ResearcherID: D-2225-2015

ScopusID: 56553330200

Yoksis Researcher ID: 103132

Education Information

Doctorate, Istanbul University, Health Sciences Institute, İstanbul Tıp Fakültesi Bölümü,
Turkey 2001 - 2008

Undergraduate, Istanbul University, Veteriner Fakültesi, Veteriner Pr., Turkey 1995 - 2001

Dissertations

Doctorate, Olaya ilişkin beyin potansiyellerinin OIP tek EEG dilimlerinde analizi, Istanbul University, Health Sciences Institute, İstanbul Tıp Fakültesi Bölümü, 2008

Research Areas

Human Physiology, Neurophysiology

Academic Titles / Tasks

Assistant Professor, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2010 -
Continues

Research Assistant, Istanbul University, Istanbul Medical Faculty, Basic Medical Sciences, 2001 - 2008

Academic and Administrative Experience

Ders Kurulu Başkanı, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2015
- Continues

Ölçme Değerlendirme Kurulu Üyesi, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic
Sciences, 2014 - Continues

Courses

Urogenital system and related disorders, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
FZY 501 Fizyoloji 1, Postgraduate, 2023 - 2024, 2020 - 2021
Tez Çalışması, Doctorate, 2022 - 2023
Physiology, Associate Degree, 2023 - 2024, 2022 - 2023
Neurophysiology, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021
Nervous system and related disorders, Undergraduate, 2022 - 2023
Physiology, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
Physiology, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022
Molecular and Cellular Medicine - II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Hücrel Sinyal İletimi Ve Hücrealtı Sinyal Mekanizmaları, Doctorate, 2022 - 2023, 2021 - 2022
Physiology 1, Doctorate, 2022 - 2023, 2021 - 2022
Physiology 2, Doctorate, 2022 - 2023
Physiology, Undergraduate, 2021 - 2022
Tez Çalışması, Postgraduate, 2022 - 2023, 2021 - 2022
EMED 019 Research tools in Psychophysiology, Undergraduate, 2022 - 2023, 2021 - 2022
Tez Çalışması, Doctorate, 2021 - 2022
FZY 507 Cognitive Neurophysiology, Postgraduate, 2021 - 2022
FİZYOLOJİK PSİKOLOJİ (BAHAR DÖNEMİ), Undergraduate, 2018 - 2019, 2017 - 2018, 2015 - 2016
İNSAN FİZYOLOJİSİ - 2 (BAHAR DÖNEMİ), Postgraduate, 2017 - 2018
İnsan Fizyolojisi - 2, Postgraduate, 2016 - 2017
FİZYOLOJİK PSİKOLOJİ (PSİKOLOJİ BÖLÜMÜ), Associate Degree, 2016 - 2017
Fizyolojik Psikoloji (Psikoloji Bölümü), Undergraduate, 2014 - 2015

Advising Theses

Ergen M., Mazlum B., Dikkat eksikliği ve hiperaktivite bozukluğu tanılı ergenlerin duygusal zeka düzeyleri ile emosyonel çeldiricilere ilişkin EEG yanıtları arasındaki ilişkinin incelenmesi, Doctorate, M.Akyıldız(Student), Continues
Konukseven Ö., Ergen M., EEG VE SANAL GERÇEKLIK KULLANARAK HAREKET HASTALIĞININ TOPOGRAFIK BEYİN HARİTALANDIRILMASI, Doctorate, E.Uğur(Student), 2023
Ergen M., Aydınlar E., MİGRENE BAĞLI FOTOFOBİ ŞİDDETİNİN GÖRSEL UYARILMIŞ POTANSİYELLERE ETKİLERİ, Expertise In Medicine, T.ERDOĞAN(Student), 2023
Ergen M., Aydınlar E., MİGREN HASTALARINDA ALLODİNİ VE FOTOFOBİBİRLİKTELİĞİNİN KORTEKS UYARILABİLİRLİĞİÜZERİNDEKİ BELİRLEYİCİLİĞİNİN, GÖRSEL UYARILMIŞPOTANSİYELLERDE ZAMAN-FREKANS ANALİZİ İLE ARAŞTIRILMASI, Postgraduate, K.CANBALOĞLU(Student), 2023

Jury Memberships

Doctorate, Doctorate, İstanbul Medipol Üniversitesi, December, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Aydın Üniversitesi, May, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Acıbadem Mehmet Ali Aydınlar Üniversitesi, August, 2021

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Event-related potential changes due to early-onset Parkinson's disease in parkin (PARK2) gene mutation carriers and non-carriers**
USLU A., ERGEN M., Demirci H., Lohmann E., Hanagasi H., DEMİRALP T.

CLINICAL NEUROPHYSIOLOGY, vol.131, no.7, pp.1444-1452, 2020 (SCI-Expanded)

- II. **Evaluation of cognitive performance in professional divers by means of event-related potentials and neuropsychology**
Ergen M., Uslu A., Caglar O., Akca-Kalem S., Cimsit M., Gurvit H.
Clinical Neurophysiology, vol.128, pp.579-588, 2017 (SCI-Expanded)
- III. **Time-frequency analysis of the event-related potentials associated with the Stroop test**
Ergen M., Saban S., Kirmizi-Alsan E., Uslu A., Keskin-Ergen Y., Demiralp T.
INTERNATIONAL JOURNAL OF PSYCHOPHYSIOLOGY, vol.94, pp.463-472, 2014 (SCI-Expanded)
- IV. **P3 response during short-term memory retrieval revisited by a spatio-temporal analysis**
Ergen M., Yildirim E., Uslu A., Gurvit H., Demiralp T.
International Journal of Psychophysiology, vol.84, no.2, pp.205-210, 2012 (SCI-Expanded)
- V. **Cognitive Evaluation of Bupropion Sustained Release in Heavy Tobacco Smokers Using Event-Related Potentials**
Uslu A., Erdem O., Ergen M., Ozdemir O., Cuhadaroglu Ç., Demiralp T.
MEDICINA-LITHUANIA, vol.48, no.5, pp.235-243, 2012 (SCI-Expanded)
- VI. **P3 and delta band responses in visual oddball paradigm in schizophrenia**
Ergen M., Marbach S., Brand A., Başar-Eroğlu C., Demiralp T.
Neuroscience Letters, vol.440, no.3, pp.304-308, 2008 (SCI-Expanded)
- VII. **DRD4 and DAT1 polymorphisms modulate human gamma band responses**
Demiralp T., Herrmann C. S., Erdal M. E., Ergenoglu T., Keskin Y. H., Ergen M., Beydagi H.
Cerebral Cortex, vol.17, no.5, pp.1007-1019, 2007 (SCI-Expanded)
- VIII. **Gamma amplitudes are coupled to theta phase in human EEG during visual perception**
Demiralp T., Bayraktaroglu Z., Lenz D., Junge S., Busch N. A., Maess B., Ergen M., Herrmann C. S.
International Journal of Psychophysiology, vol.64, no.1, pp.24-30, 2007 (SCI-Expanded)
- IX. **The N2 wave of event-related potentials reflects the novelty of the eliciting stimuli Olaya ilişkin potansiyellerin N2 dalgasi, uyaranların yeniliğini yansitmaktadır**
Ergenoğlu T., Uslu A., Ergen M., Reşitoğlu B., Beydağı H., Demiralp T.
Erciyes Tıp Dergisi, vol.28, no.2, pp.49-56, 2006 (SCI-Expanded)
- X. **Alpha rhythm of the EEG modulates visual detection performance in humans**
Ergenoglu T., DEMİRALP T., Bayraktaroglu Z., ERGEN M., Beydagi H., ÜRESİN A. Y.
COGNITIVE BRAIN RESEARCH, vol.20, no.3, pp.376-383, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Is the brightness- contrast level of virtual reality videos significant for visually induced motion sickness? Experimental real-time biosensor and self-report analysis**
Ugur E., Konukseven B. O., Ergen M., Aksoy M. E., Yoner S. I.
Frontiers in Virtual Reality, vol.5, 2024 (Scopus)
- II. **Cholinergic cognitive enhancer effect of Salvia triloba L. essential oil inhalation in rats**
Ertosun G. B., ERGEN M., Bardakci H., BARAK T. H., SÜYEN G.
Marmara Medical Journal, vol.36, no.3, pp.361-370, 2023 (ESCI)
- III. **Nörobilim, Nöroteknoloji, Yalan Tespiti ve Etik**
Ergen M., Işıl Ülman F. Y.
Acıbadem Üniversitesi Sağlık Bilimleri Dergisi, vol.3, no.3, pp.149-156, 2012 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Visual Evoked Potential Changes Related to Photophobia Severity in Migraine-Associated Photophobia**

Erdogan Soyukibar T., Aydinlar E., Canbaloglu K., Ergen M., Yalinay Dikmen P.

International Headache Congress, Seoul, South Korea, 14 - 17 September 2023, vol.43, pp.209

II. **Geç Uyumsuzluk Negativitesi: Disleksi Tanılı Olgularda Öne Çıkan Elektrofizyolojik Bir Belirteç**

Mazlum B., Ergen M., Uğur E., Akyıldız M., Zaimoğlu S., Gürvit İ. H.

32. Ulusal Çocuk ve Ergen Ruh Sağlığı ve Hastalıkları Kongresi, İstanbul, Turkey, 10 - 13 May 2023, pp.390

III. **Stroop testinde çelişki adaptasyonunun bir belirteci olarak uyaran öncesi Mu ritmi**

Ergen M.

19. Ulusal Sinirbilim Kongresi, İstanbul, Turkey, 21 - 23 November 2021, pp.122

Memberships / Tasks in Scientific Organizations

Brain Research Society (Turkey) (BArD), Board Member, 2021 - Continues, Turkey

Scientific Refereeing

BMC PSYCHIATRY, National Scientific Refreed Journal, October 2023

SCIENTIFIC REPORTS, SCI Journal, February 2021

Tasks In Event Organizations

Süyen G., Yavuz M., Sütçübaşı B., Ergen M., Erdoğan S. B., KAN B., 20th National Neuroscience Congress, Scientific Congress, İstanbul, Turkey, Ekim 2022

Scientific Research / Working Group Memberships

Adalab/Brain And Mind Group, Acibadem Mehmet Ali Aydinlar University, Turkey,

<https://www.adalaboratory.org/brain-and-mind-group-1>, 2022 - Continues

Metrics

Publication: 20

Citation (WoS): 752

Citation (Scopus): 847

H-Index (WoS): 7

H-Index (Scopus): 7

Awards

Ergen M., Beyin Araştırmaları Derneği, Seyahat ve Eğitim Bursu , Beyin Araştırmaları Derneği, November 2005