

Asst. Prof. ÖZGE YILMAZ

Personal Information

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International Researcher IDs

ScholarID: WXm-su4AAAAJ

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Publons / Web Of Science ResearcherID: B-3866-2014

ScopusID: 57191279264

Yoksis Researcher ID: 216749

Education

Doctorate, Eberhard-Karls-Universitaet Tübingen, Germany 2009 - 2013

Postgraduate, Istanbul University, Health Sciences Institute, Turkey 2006 - 2009

Undergraduate, Istanbul University, Faculty Of Literature, Department Of Psychology, Turkey 2001 - 2005

Foreign Languages

Spanish, A2 Elementary

French, A1 Beginner

German, B1 Intermediate

Italian, A1 Beginner

English, C1 Advanced

Certificates, Courses and Trainings

Health&Medicine, BCI & Neurotechnology Spring School 2023, g.tec medical engineering GmbH, 2023

Research Areas

Experimental Psychology, Science, Technology and Society, Health Sciences

Academic Positions

Assistant Professor, Marmara University, Faculty Of Arts And Sciences, Psychology, 2021 - Present

Assistant Professor, Altinbas University, 2017 - 2021

Assistant Professor, Bahcesehir University, 2014 - 2016

Academic and Administrative Experience

Erasmus Program Institutional Coordinator, Marmara University, Faculty of Humanities and Social Sciences, Psychology Department, 2021 - Continues

Courses

Undergraduate

Biyolojik psikoloji, Undergraduate, 2023 - 2024
Biological Psychology, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Cognitive Psychology, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
Readings in cognitive Psychology, Undergraduate, 2022 - 2023
Bilişsel psikoloji, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
Selected topics in psychology 6, Undergraduate, 2022 - 2023
DeneySEL Psikoloji, Undergraduate, 2022 - 2023
Selected Topics in Psychology 5, Undergraduate, 2021 - 2022
Experimental Psychology, Undergraduate, 2022 - 2023
Cognitive Neuroscience, Undergraduate, 2021 - 2022
Selected topics in psychology 12, Undergraduate, 2020 - 2021
Yönetimli araştırma II, Undergraduate, 2021 - 2022
Bilişsel nörobilim, Undergraduate, 2020 - 2021
Bağımsız Araştırma II, Undergraduate, 2021 - 2022
Curious cases of Neuroscience, Undergraduate, 2021 - 2022
Independent research II, Undergraduate, 2021 - 2022

Jury Memberships

Post Graduate, Post Graduate, Marmara Üniversitesi, April, 2023

Articles

- I. **Engineering of a novel SilkMA-bacterial cellulose hydrogel bioink for digital light processing three-dimensional bioprinting**
Baykara D., YILMAZ Ö., Avci T., Ilhan E., Yildirim R., Egles C., GÜNDÜZ O.
MRS Bulletin, 2026 (SCI-Expanded, Scopus)
- II. **Brain-Machine Interface in Chronic Stroke: Randomized Trial Long-Term Follow-up**
Ramos-Murguialday A., Curado M. R., Broetz D., Yilmaz Ö., Brasil F. L., Liberati G., Garcia-Cossio E., Cho W., Caria A., Cohen L. G., et al.
Neurorehabilitation and Neural Repair, 2019 (SCI-Expanded)
- III. **Residual upper arm motor function primes innervation of paretic forearm muscles in chronic stroke after Brain-Machine interface (BMI) training**
Curado M. R., Cossio E. G., Broetz D., Agostini M., Cho W., Brasil F. L., Yilmaz Ö., Liberati G., Lepski G., Birbaumer N., et al.
PLoS ONE, vol.10, no.10, 2015 (SCI-Expanded)
- IV. **Movement related slow cortical potentials in severely paralyzed chronic stroke patients**
Yilmaz Ö., Birbaumer N., Ramos-Murguialday A.
Frontiers in Human Neuroscience, vol.8, no.JAN, 2015 (SCI-Expanded)
- V. **Deficient fear conditioning in psychopathy as a function of interpersonal and affective disturbances**
Veit R., Konicar L., Klinzing J. G., Barth B., Yilmaz Ö., Birbaumer N.
Frontiers in Human Neuroscience, no.OCT, 2013 (SCI-Expanded)

- VI. **Brain-machine interface in chronic stroke rehabilitation: A controlled study**
Ramos-Murguialday A., Broetz D., Rea M., L  er L., Yılmaz  ., Brasil F. L., Liberati G., Curado M. R., Garcia-Cossio E., Vyziotis A., et al.
Annals of Neurology, vol.74, no.1, pp.100-108, 2013 (SCI-Expanded, Scopus)
- VII. **Quantifying the link between anatomical connectivity, gray matter volume and regional cerebral blood flow: An integrative MRI study**
V arkuti B., Cavusoglu M., Kullik A., Schiffler B., Veit R., Yılmaz  ., Rosenstiel W., Braun C., Uludag K., Birbaumer N., et al.
PLoS ONE, vol.6, no.4, 2011 (SCI-Expanded)

Books

- I. **duygu ve motivasyon: subkortikal oyuncular**
Yılmaz  .
in: dolanık beyin, mustafa bilici, Editor, Vakıflar Genel M d rl ğ  K lt r Yayınları, İstanbul, pp.107-144, 2024
- II. **duygu ve motivasyon: korteks partiye katılıyor**
Yılmaz  .
in: dolanık beyin, mustafa bilici, Editor, Vakıflar Genel M d rl ğ  K lt r Yayınları, İstanbul, pp.145-168, 2024
- III. **korkunun s nmesi**
Yılmaz  .
in: dolanık beyin, mustafa bilici, Editor, Vakıflar Genel M d rl ğ  K lt r Yayınları, İstanbul, pp.279-308, 2024
- IV. **afetzedelerde ortaya çıkan n rofizyolojik deėişiklikler**
Yılmaz  .
in: Afet psikolojisi, mustafa bilici, Editor, Vakıflar Genel M d rl ğ  K lt r Yayınları, İstanbul, pp.103-140, 2024

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Neural and autonomic responses during prolonged breath- holding: An EEG study in elite freedivers**
Yılmaz  .
Neuroscience, California, United States Of America, 15 - 19 November 2025, pp.1020, (Summary Text)
- II. **Profesyonel Serbest Dalgıçlarda Uzun S reli Nefes Tutma Sırasında Otonomik Aktivite ve EEG Frekans Bandı G çlerindeki Deėişiklikler**
Yılmaz  .
ulusal sinirbilim kongresi, İstanbul, Turkey, 3 - 06 September 2024, pp.350-351, (Summary Text)
- III. **Detecting laterization of haemodynamic response during executive motor task and motor imagery with fNIRS Motor hareket  devi ve motor imgelemesi sırasında hemodinamik tepkinin laterizasyonunun fnirs ile saptanması**
Gokdag Y. E., Sansal F., Dumlu S. N., ERDOĐAN S. B., Yılmaz  ., AKIN A.
2014 22nd Signal Processing and Communications Applications Conference, SIU 2014, Trabzon, Turkey, 23 - 25 April 2014, pp.2118-2121, (Full Text)
- IV. **Frontal brain activation during a Go/NoGo response inhibition task: An fNIRS study Bas/Basma G revi Sırasında Tepki Engelleme Lie İlişkili Ortaya  ıkan Frontal Aktivasyon: Bir iYKAS (fNIRS)  alıřması**
Sansal F., Gokdag Y. E., řahin D., Keskin Y., Yılmaz  ., AKIN A.
2014 22nd Signal Processing and Communications Applications Conference, SIU 2014, Trabzon, Turkey, 23 - 25 April 2014, pp.2047-2049, (Full Text)
- V. **Movement related cortical potentials change after EEG-BMI rehabilitation in chronic stroke**
Yılmaz  ., Oladazimi M., Cho W., Brasil F., Curado M., Cossio E. G., Braun C., Birbaumer N., Ramos-Murguialday A.
2013 6th International IEEE EMBS Conference on Neural Engineering, NER 2013, San Diego, CA, United States Of

America, 6 - 08 November 2013, pp.73-76, (Full Text)

VI. Movement related cortical potentials in severe chronic stroke

Yılmaz Ö., Cho W., Braun C., Birbaumer N., Ramos-Murguialday A.

2013 35th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBC 2013, Osaka, Japan, 3 - 07 July 2013, pp.2216-2219, (Full Text)

Funded Projects

Yılmaz Ö., Project Supported by Higher Education Institutions, University Supported Other Projects, İnsan fizyolojisinin sınırları: Uzun süreli istemli nefes tutmanın nörofizyolojik ve biyolojik olarak değerlendirilmesi, 2025 - 2026

Yılmaz Ö., Technopark, Politik karar verme süreçlerinin ve seçmen davranışlarının nörobilimsel yenilikçi tekniklerle açıklanması ve öngörülmesi, 2023 - 2026

Peer Reviews in Scientific Publications

Ergonomi (Online), National Scientific Refreed Journal, January 2025

Metrics

Publication: 17

Citation (Scopus): 1095

H-Index (Scopus): 7