

Doç. Dr. DİDEM GÖKÇAY

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, University of Florida, Computer And Information Sciences And Engineering, Amerika Birleşik Devletleri 1993 - 2001

Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Türkiye 1988 - 1991

Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Türkiye 1983 - 1988

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Doktora, self-organizing features for regularized image standardization, University Of Florida, Computer And Information Sciences And Engineering, 2001

Yüksek Lisans, User Identification Through Neural Networks, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 1991

Akademik Unvanlar / Görevler

Yrd. Doç. Dr., Orta Doğu Teknik Üniversitesi, Enformatik Enstitüsü, Sağlık Bilişimi Anabilim Dalı, 2006 - 2017

Yönetilen Tezler

GÖKÇAY D., THE RELATIONSHIP BETWEEN EXAM PERFORMANCE AND EMOTION REGULATION CAPACITY OF UNIVERSITY STUDENTS, Yüksek Lisans, B.KADİRDAĞ(Öğrenci), 2019

GÖKÇAY D., Investigating cognitive and emotional factors that trigger pupil dilation in human computer interaction, Yüksek Lisans, C.UYANIK(Öğrenci), 2018

GÖKÇAY D., İnsan bilgisayar etkileşiminde gözbebeği büyüme refleksini tetikleyen zihinsel ve duygusal faktörlerin araştırılması., Yüksek Lisans, C.Uyanık(Öğrenci), 2018

GÖKÇAY D., The effects of intranasal oxytocin during trustworthiness evaluation: Context matters, Yüksek Lisans, A.KARABULUT(Öğrenci), 2017

GÖKÇAY D., Lexical decision with emotional words: A pupil dilation study, Yüksek Lisans, S.ERTUĞRUL(Öğrenci), 2017

GÖKÇAY D., Dynamical aspects of decision making under uncertainty, Doktora, K.TAŞKIN(Öğrenci), 2016

GÖKÇAY D., Fusion of pupil dilation and facial temperature features for detection of stress, Doktora,

S.BALTACI(Öğrenci), 2016

GÖKÇAY D., Investigating pain perception in somatosensory cortex for healthy and fibromyalgia patient populations by using fNIRS, Doktora, A.EKEN(Öğrenci), 2016

GÖKÇAY D., Effects of subliminal affective stimuli on evaluative judgements: A video study on hospitals, Yüksek Lisans, D.VİDİNLİ(Öğrenci), 2015

GÖKÇAY D., Functional magnetic resonance imaging (fMRI) simulator, Yüksek Lisans, K.ARSLANKOZ(Öğrenci), 2015

GÖKÇAY D., The localization of emotional stroop activations in healthy and major depressive disorder populations using fMRI, Doktora, Z.BAŞGÖZE(Öğrenci), 2015

GÖKÇAY D., The effect of intranasal oxytocin on pupil dilation during trustworthiness evaluation and facial expression recognition tasks, Yüksek Lisans, F.GÜLHAN(Öğrenci), 2015

GÖKÇAY D., Kazara kodlanan duygu içerikli kelimeler için tanıma belleği : duygusal olumluluk, heyecan düzeyleri ve yaşın etkisi, Doktora, H.Kaynak(Öğrenci), 2013

GÖKÇAY D., The role of symmetry and facial expressions of emotions in evaluation of attractiveness and perceived symmetry: An eye tracking study, Yüksek Lisans, P.HEPSOMALI(Öğrenci), 2013

GÖKÇAY D., Çekiciliğin ve algılanan simetrinin değerlendirilmesinde simetrinin ve yüz ifadelerinin rolü : göz izleme çalışması, Yüksek Lisans, P.Hepsomalı(Öğrenci), 2013

GÖKÇAY D., Recognition memory for emotional words under incidental encoding: Effects of valence, arousal and age, Doktora, H.KAYNAK(Öğrenci), 2013

GÖKÇAY D., Investigation of age dependent contrast and t1 differences in MR images at 3.0 T: A study on MPRAGE, spin echo and flash protocols, Yüksek Lisans, H.AKTAŞ(Öğrenci), 2013

GÖKÇAY D., GÜRSES S., Investigation of line bisection activity in the brain by a sensory-motor task: An fMRI study, Yüksek Lisans, B.GÜMÜŞ(Öğrenci), 2013

GÖKÇAY D., Resolving emotional conflicts in healthy adolescent population, Yüksek Lisans, M.ARZU(Öğrenci), 2013

GÖKÇAY D., ÇAKIR M. P., The interaction of probability learning and working memory, Yüksek Lisans, F.GÖZENMAN(Öğrenci), 2012

GÖKÇAY D., Investigation of semantic effects in oddball paradigm through event related potentials, Yüksek Lisans, S.NİLGÜN(Öğrenci), 2012

GÖKÇAY D., ÇAKIR M. P., Olasılıksal öğrenmenin prefrontal korteksle ilişkisi, Yüksek Lisans, F.Gözenman(Öğrenci), 2012

GÖKÇAY D., An exploratory study on default mode network's time course analysis, Yüksek Lisans, B.AKIN(Öğrenci), 2012

GÖKÇAY D., Localization of facial symmetry perception through fMRI, Yüksek Lisans, F.YILDIRIM(Öğrenci), 2012

GÖKÇAY D., Categorical effect studied through fMRI in color perception, Yüksek Lisans, Ş.KOÇ(Öğrenci), 2012

GÖKÇAY D., Vessel segmentation using shallow water equations, Doktora, F.NAR(Öğrenci), 2011

GÖKÇAY D., Improving the sub-cortical GM segmentation using evolutionary hierarchical region merging, Yüksek Lisans, M.ULAŞ(Öğrenci), 2011

GÖKÇAY D., ERKMEN A. M., Wavelet based deconvolution techniques in identifying fMRI based brain activation, Yüksek Lisans, E.ADLI(Öğrenci), 2011

GÖKÇAY D., ERKMEN A. M., Blind deconvolution techniques in identifying fMRI based brain activation, Yüksek Lisans, H.İCLAL(Öğrenci), 2011

GÖKÇAY D., A framework for authentication of medical reports based on keystroke dynamics, Yüksek Lisans, M.KAZIM(Öğrenci), 2010

GÖKÇAY D., Effect of symmetry on recognition of unfamiliar faces, Yüksek Lisans, G.YILDIRIM(Öğrenci), 2010

GÖKÇAY D., Simulated fMRI toolbox, Yüksek Lisans, K.DOĞUŞ(Öğrenci), 2009

GÖKÇAY D., Karpal tünel sendromlu hastalarda transkutanöz elektriksel sinir stimülasyonunun sensorimotor kortekste etkilerinin fonksiyonel manyetik rezonans görüntüleme ile değerlendirilmesi, Tıpta Uzmanlık, M.KARA(Öğrenci), 2008

GÖKÇAY D., Quantification of the effect of symmetry in face perception, Yüksek Lisans, N.DİCLE(Öğrenci), 2008

GÖKÇAY D., Emotional conflict resolution in healthy and depressed populations, Yüksek Lisans, Z.BAŞGÖZE(Öğrenci), 2008

GÖKÇAY D., Age related changes in recognition memory for emotional stimuli, Yüksek Lisans, A.KILIÇ(Öğrenci), 2007

GÖKÇAY D., Probability learning in normal and parkinson subjects: The effect of reward, context, and uncertainty, Yüksek Lisans, B.ERDENİZ(Öğrenci), 2007

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **T1 relaxation time is prolonged in healthy aging: a whole brain study**
AKTAŞ DİNÇER H., Ağildere A. M., GÖKÇAY D.
Turkish Journal of Medical Sciences, cilt.53, sa.3, ss.675-684, 2023 (SCI-Expanded)
- II. **Hand Pronation-Supination Movement as a Proxy for Remotely Monitoring Gait and Posture Stability in Parkinson's Disease**
Cakmak Y. O., Olcek C., Ozsoy B., Khwaounjoo P., Kiziltan G., Apaydin H., Gunduz A., Oztop Cakmak O., Ertan S., Gursoy-Ozdemir Y., et al.
SENSORS, cilt.22, sa.5, 2022 (SCI-Expanded)
- III. **Diffusion Tensor Imaging Group Analysis Using Tract Profiling and Directional Statistics**
Metin M. O., GÖKÇAY D.
FRONTIERS IN NEUROSCIENCE, cilt.15, 2021 (SCI-Expanded)
- IV. **Dimensionality of the system usability scale among professionals using internet-based interventions for depression: a confirmatory factor analysis**
Mol M., van Schaik A., Dozeman E., Ruwaard J., Vis C., Ebert D. D., Etzelmueller A., Mathiasen K., Moles B., Mora T., et al.
BMC PSYCHIATRY, cilt.20, sa.1, 2020 (SCI-Expanded)
- V. **Binary Classification Using Neural and Clinical Features: An Application in Fibromyalgia With Likelihood-Based Decision Level Fusion**
GÖKÇAY D., EKEN A., Baltaci S.
IEEE JOURNAL OF BIOMEDICAL AND HEALTH INFORMATICS, cilt.23, sa.4, ss.1490-1498, 2019 (SCI-Expanded)
- VI. **TIME BISECTION ABILITY IN SUPRA-SECONDS IS PRESERVED DURING HEALTHY AGING**
AKTAŞ DİNÇER H., GÖKÇAY D.
TURKISH JOURNAL OF GERIATRICS-TURK GERIATRI DERGISI, cilt.22, sa.3, ss.368-375, 2019 (SCI-Expanded)
- VII. **Association of Fine Motor Loss and Allodynia in Fibromyalgia: An fNIRS Study**
EKEN A., GÖKÇAY D., Yilmaz C., BASKAK B., Baltaci A., KARA M.
JOURNAL OF MOTOR BEHAVIOR, cilt.50, sa.6, ss.664-676, 2018 (SCI-Expanded)
- VIII. **Differential efficiency of transcutaneous electrical nerve stimulation in dominant versus nondominant hands in fibromyalgia: placebo-controlled functional near-infrared spectroscopy study**
EKEN A., KARA M., BASKAK B., Baltaci A., GÖKÇAY D.
NEUROPHOTONICS, cilt.5, sa.1, 2018 (SCI-Expanded)
- IX. **RESPONSE BIAS SHIFT FOR POSITIVE WORDS IN OLDER ADULTS IN A SURPRISE RECOGNITION MEMORY TASK: AN INCIDENTAL ENCODING STUDY**
KAYNAK H., GÖKÇAY D.
TURKISH JOURNAL OF GERIATRICS-TURK GERIATRI DERGISI, cilt.20, sa.4, ss.331-343, 2017 (SCI-Expanded)
- X. **Stress Detection in Human-Computer Interaction: Fusion of Pupil Dilation and Facial Temperature Features**
GÖKÇAY D., GÖKÇAY D.
INTERNATIONAL JOURNAL OF HUMAN-COMPUTER INTERACTION, cilt.32, sa.12, ss.956-966, 2016 (SCI-Expanded)
- XI. **Valence-based Word-Face Stroop task reveals differential emotional interference in patients with major depression**
Basgoze Z., Gonul A. S., BASKAK B., GÖKÇAY D.
PSYCHIATRY RESEARCH, cilt.229, sa.3, ss.960-967, 2015 (SCI-Expanded)
- XII. **Evaluation of features derived from pupil dilation in a stress induction experiment**
Baltaci S., Gokcay D.
PERCEPTION, cilt.44, ss.366, 2015 (SCI-Expanded)
- XIII. **Face symmetry perception in LOC: A study with fMR adaptation**
GÖKÇAY D., Yildirim F., Yildirim G.
PERCEPTION, cilt.43, sa.1, ss.23-24, 2014 (SCI-Expanded)
- XIV. **A preliminary investigation on the role of facial symmetry and facial expressions in attractiveness**

judgements and pupil dilation

Hepsomali P., GÖKÇAY D.

PERCEPTION, cilt.43, sa.1, ss.126-127, 2014 (SCI-Expanded)

XV. The Relationship Between Illness Duration And Brain Morphometry in Schizophrenia: Heschl's Gyrus and Prefrontal Cortex Volumetry

KARABAY N., ÖNİZ A., GÖKÇAY D., ALPTEKİN K., Hugdahl K., ÖZGÖREN M.

JOURNAL OF NEUROLOGICAL SCIENCES-TURKISH, cilt.30, sa.1, ss.153-167, 2013 (SCI-Expanded)

XVI. Quantification of the Effects of Transcutaneous Electrical Nerve Stimulation With Functional Magnetic Resonance Imaging: A Double-Blind Randomized Placebo-Controlled Study

KARA M., ÖZÇAKAR L., GÖKÇAY D., ÖZÇELİK E., Yorubulut M., Guneri S., KAYMAK B., AKINCI A., ÇETİN A.

ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION, cilt.91, sa.8, ss.1160-1165, 2010 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

I. Effectiveness of a Web- and Mobile-Guided Psychological Intervention for Depressive Symptoms in Turkey: Protocol for a Randomized Controlled Trial

Ince B. U., GÖKÇAY D., Riper H., Cuijpers P.

JMIR RESEARCH PROTOCOLS, cilt.8, sa.4, 2019 (ESCI)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. The Utility of fNIRS Signals versus Self-Report for Classification of Fibromyalgia Syndrome

EKEN A., GÖKÇAY D., BASKAK B., Baltacı A., KARA M.

25th Signal Processing and Communications Applications Conference (SIU), Antalya, Türkiye, 15 - 18 Mayıs 2017

II. Describing Morphological Changes of Corpus Callosum via Shape Grammar Based Approach

Turgut U. O., GÖKÇAY D.

Medical Technologies National Conference (TIPTEKNO), Bodrum, Türkiye, 15 - 18 Ekim 2015

III. Investigation of Risk Taking Behavior and Outcomes in Decision Making with Modified BART (m-BART)

Taskin K., GÖKÇAY D.

International Conference on Affective Computing and Intelligent Interaction (ACII), Xian, Çin, 21 - 24 Eylül 2015, ss.302-307

IV. EVALUATION OF MRIS OF THE BRAIN WITH RESPECT TO SNR, CNR AND GWR IN YOUNG VERSUS OLD SUBJECTS

AKTAŞ DİNÇER H., GÖKÇAY D.

22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Türkiye, 23 - 25 Nisan 2014, ss.1079-1082

V. THE INTERACTION OF PROBABILITY LEARNING AND WORKING MEMORY

Gozenman F., GÖKÇAY D., ÇAKIR M. P.

20th Annual Meeting of the Cognitive-Neuroscience-Society, San-Francisco, Kostarika, 13 - 16 Nisan 2013, ss.103-104

VI. Predicting the sentiment in sentences based on words: An Exploratory Study on ANEW and ANET

GÖKÇAY D., Isbilir E., Yildirim G.

3rd IEEE International Conference on Cognitive Infocommunications (CogInfoCom), Koshice, Slovakya, 2 - 05 Aralık 2012, ss.715-718

VII. Negative Sentiment in Scenarios Elicit Pupil Dilation Response: An Auditory Study

Baltacı S., GÖKÇAY D.

14th ACM International Conference on Multimodal Interaction (ICMI), California, Amerika Birleşik Devletleri, 22 - 26 Ekim 2012, ss.529-532

- VIII. **Prediction of Affective States through Non-invasive Thermal Camera and EMG Recordings**
GÖKÇAY D., Baltacı S., Karahan C., Turkay K. D.
4th Bi-Annual International Conference of the Humaine Association on Affective Computing and Intelligent Interaction (ACII 2011), Tennessee, Amerika Birleşik Devletleri, 9 - 12 Ekim 2011, cilt.6975, ss.319-321
- IX. **Changing pattern search component during probability learning a study using fNIR neuroimaging**
GÖKÇAY D., ÇAKIR M. P., Gözenman F., Arslan B., Çiftçioğlu M. U., Taşkın K., Ayaz H.
17th Annual Meeting of the Organization for Human Brain Mapping (HBM 2011), 26 - 28 Haziran 2011
- X. **Emotional stimuli based exclusively on valence fail to enhance recognition memory A study across ages**
GÖKÇAY D., KILIÇ ÖZHAN A., SAY B.
International Neuropsychological Society, ATLANTA, Amerika Birleşik Devletleri, 11 - 14 Şubat 2009

Desteklenen Projeler

GÖKÇAY D., Yükseköğretim Kurumları Destekli Proje, DİNAMİK FONKSİYONEL AĞ BAĞLANTILARI VE GÖREV-MODÜLASYONU: BİR MİGREN ÇALIŞMASI, 2017 - 2017

GÖKÇAY D., Yükseköğretim Kurumları Destekli Proje, Fmr Görüntülerinin Doğrusal Olmayan Ters Evrişim (non-Linear Deconvolution) Yöntemleri Kullanılarak Analizi Ve Bilinen Standart Analiz Yöntemleriyle Karşılaştırılması, 2009 - 2009

Metrikler

Yayın: 31

Atıf (WoS): 105

Atıf (Scopus): 48

H-İndeks (WoS): 7

H-İndeks (Scopus): 4