

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Drexel University, College Of Information Science & Technology, Amerika Birleşik Devletleri 2003 - 2009
Lisans, Orta Doğu Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, Türkiye 1997 - 2001

Yaptığı Tezler

Doktora, How online small groups co-construct mathematical artifacts to do collaborative problem solving, Drexel University, College Of Information Science & Technology, 2009

Akademik Unvanlar / Görevler

Dr.Öğr.Üyesi, Orta Doğu Teknik Üniversitesi, Enformatik Enstitüsü, Bilişsel Bilimler Anabilim Dalı, 2018 - Devam Ediyor
Yrd.Doç.Dr., Orta Doğu Teknik Üniversitesi, Enformatik Enstitüsü, Bilişsel Bilimler Anabilim Dalı, 2011 - 2018
Öğretim Görevlisi, Orta Doğu Teknik Üniversitesi, Enformatik Enstitüsü, Bilişsel Bilimler Anabilim Dalı, 2010 - 2011
Öğretim Görevlisi Dr., Drexel University, School Of Biomedical Engineering, Science & Health Systems, Biomedical Engineering, 2009 - 2010
Araştırma Görevlisi, Drexel University, College Of Information Science & Technology, Information Science & Technology, 2003 - 2009

Yönetilen Tezler

ÇAKIR M. P. , An Interdisciplinary and Analytical Account of the Relation Between Mindreading and Metacognition, Yüksek Lisans, G.TOPUZ(Öğrenci), 2019
ÇAKIR M. P. , Online detection of pilot workload by using FNIR sensors, Yüksek Lisans, M.VURAL(Öğrenci), 2018
TEMÜRCÜ C., ÇAKIR M. P. , An investigation of brain-to-brain connectivity patterns during a cooperative fluid intelligence task, Yüksek Lisans, Ç.TAŞCI(Öğrenci), 2018
ÇAKIR M. P. , Cognitive, perceptual-motor and social factors in tool making in children, Doktora, G.GÖNÜL(Öğrenci), 2018
ÇAKIR M. P. , Transfer and maintenance effects of n-back working memory training in interpreting students: A behavioural and optical brain imaging study, Doktora, A.ÖZTÜRK(Öğrenci), 2018
ÇAKIR M. P. , Cortical processes underlying metacontrast masking across different contrast polarities, Yüksek Lisans, A.AYDIN(Öğrenci), 2018
TEMÜRCÜ C., ÇAKIR M. P. , Demonstratives in turkish: on the pragmatic use of demonstratives in the context of a collaborative problem solving task, Yüksek Lisans, F.BÜYÜKTEKİN(Öğrenci), 2018
TEMÜRCÜ C., ÇAKIR M. P. , Decision making under uncertainty: Factors influencing mate selection in a dating application simulation, Yüksek Lisans, A.YEŞİM(Öğrenci), 2017
ÇAKIR M. P. , Hyperscanning of brain-to-brain interactions in the prefrontal cortex during a joint sentence reading task: An optical brain imaging study, Doktora, E.İŞBİLİR(Öğrenci), 2016
ÇAKIR M. P. , An empirical examination for collaborative nature of business process modeling, Doktora, D.FINDIK(Öğrenci), 2016
ÖZKAN YILDIRIM S., ÇAKIR M. P. , Using learning analytics to track learning process in virtual math teams (VMT) online environment, Doktora, G.AFACAN(Öğrenci), 2016
ÇAKIR M. P. , A dual eye tracking study of the influence of color and gaze cues on the use of referring expressions in a

situated Farsi dialogue environment, Yüksek Lisans, S.RAZZAGHI(Öğrenci), 2015

ÇAKIR M. P. , BAĞÇE S., Epistemology of problem solving and an annotation framework for collaborative problem solving environments, Yüksek Lisans, T.GÜVEN(Öğrenci), 2015

ÇAKIR M. P. , Gender and personality differences in cognitive tasks: A performance and mental workload study, Yüksek Lisans, B.BATUN(Öğrenci), 2015

ÇAKIR M. P. , An embodied and extended cognitive dynamic field theory (DFT) model for piloting tasks supported with flight records, Yüksek Lisans, Y.KAYGUSUZ(Öğrenci), 2015

ÇAKIR M. P. , The role of prefrontal cortex in purchasing decisions: An optical brain imaging study, Yüksek Lisans, O.AŞCI(Öğrenci), 2014

ÇAKIR M. P. , BAYKAL N., Bibliometric analysis of clinical medicine publications in Turkey, Yüksek Lisans, M.KOÇAK(Öğrenci), 2014

ÇAKIR M. P. , Physiological, psychological and attention related performance problems of shift work system in ASELSAN, Yüksek Lisans, E.BİLGİN(Öğrenci), 2014

ÇAKIR M. P. , Usability evaluation of dynamic geometry software through eye tracking and communication breakdown analysis, Yüksek Lisans, S.YAĞMUR(Öğrenci), 2014

ÇAKIR M. P. , Examining computer supported collaborative problem solving processes using the dual-eye tracking paradigm, Yüksek Lisans, S.DENİZ(Öğrenci), 2013

ÇAKIR M. P. , Neural and ocular correlates of visuospatial problem solving processes, Yüksek Lisans, G.TÜRKMEN(Öğrenci), 2013

ÇAKIR M. P. , Yazılım anlamada görselleştirme tekniklerinin değerlendirilmesinde yeni bir yaklaşım, Doktora, H.ALİ(Öğrenci), 2013

ÇAKIR M. P. , A case study of problem solving in eye-tracking, Yüksek Lisans, D.ÖZDEMİR(Öğrenci), 2013

ÖZKAN YILDIRIM S., ÇAKIR M. P. , Usability testing of a family medicine information system, Yüksek Lisans, S.ÖZ(Öğrenci), 2012

ÇAKIR M. P. , Exploring the effects of working memory capacity, attention, and expertise on situation awareness in a flight simulation environment, Yüksek Lisans, O.ORKAN(Öğrenci), 2012

ÇAKIR M. P. , Modeling neurons that can self organize into building blocks and hierarchies: An exploration based on visual systems, Yüksek Lisans, A.GÖZE(Öğrenci), 2012

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

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- **Mapping and clustering analysis on neuroscience literature in Turkey: a bibliometric analysis from 2000 to 2017**
Kocak M., Garcia-Zorita C., Marugan-Lazaro S., ÇAKIR M. P. , Sanz-Casado E.
SCIENTOMETRICS, cilt.121, ss.1339-1366, 2019 (SCI İndekslerine Giren Dergi)
- **Multi-authoring and its impact on university rankings: a case study of CERN effect on Turkish universities**
ÇAKIR M. P. , ACARTÜRK C., Alkan S., Akbulut U.
STUDIES IN HIGHER EDUCATION, cilt.44, ss.1052-1068, 2019 (SSCI İndekslerine Giren Dergi)
- **An investigation of the neural correlates of purchase behavior through fNIRS**
ÇAKIR M. P. , ÇAKAR T., Giriskan Y., Yurdakul D.
EUROPEAN JOURNAL OF MARKETING, cilt.52, ss.224-243, 2018 (SSCI İndekslerine Giren Dergi)
- **Behavioral and Neural Effects of Game-Based Learning on Improving Computational Fluency With Numbers**
ÇAKIR M. P. , Cakir N. A. , Ayaz H., Lee F. J.
ZEITSCHRIFT FÜR PSYCHOLOGIE-JOURNAL OF PSYCHOLOGY, cilt.224, ss.297-302, 2016 (SSCI İndekslerine Giren Dergi)
- **A comparative analysis of global and national university ranking systems**
ÇAKIR M. P. , ACARTÜRK C., Alasehir O., Cilingir C.
SCIENTOMETRICS, cilt.103, ss.813-848, 2015 (SCI İndekslerine Giren Dergi)
- **URAP-TR: a national ranking for Turkish universities based on academic performance**

Alasehir O., ÇAKIR M. P. , ACARTÜRK C., BAYKAL N., AKBULUT U.
SCIENTOMETRICS, cilt.101, ss.159-178, 2014 (SCI İndekslerine Giren Dergi)

- **How Does Software Visualization Contribute to Software Comprehension? A Grounded Theory Approach**

Duru H. A. , ÇAKIR M. P. , Isler V.

INTERNATIONAL JOURNAL OF HUMAN-COMPUTER INTERACTION, cilt.29, ss.743-763, 2013 (SCI İndekslerine Giren Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- **Towards a Multimodal Model of Cognitive Workload through Synchronous Optical Brain Imaging and Eye Tracking Measures**
İşbilir E., ÇAKIR M. P. , ACARTÜRK C., Tekerek A. Ş.
2nd International Neuroergonomics Conference, 27 - 29 Haziran 2018
- **Group eye tracking (GET) paradigm for investigating interaction under social context**
ACARTÜRK C., ÇAKIR M. P.
10th International Conference on Applied Human Factors and Ergonomics (AHFE 2019), 21 - 25 Temmuz 2018
- **Real-Time Monitoring of Cognitive Workload of Airline Pilots in a Flight Simulator with fNIR Optical Brain Imaging Technology**
ÇAKIR M. P. , Vural M., Koc S. O. , Toktas A.
10th International Conference on Augmented Cognition (AC) Held as Part of 18th International Conference on Human-Computer Interaction (HIC International), Toronto, Kanada, 17 - 22 Temmuz 2016, cilt.9743, ss.147-158
- **Usability Evaluation of a Dynamic Geometry Software Mobile Interface Through Eye Tracking**
YAĞMUR S., ÇAKIR M. P.
3rd International Conference on Learning and Collaboration Technologies (LCT) Held as Part of 18th International Conference on Human-Computer Interaction (HCI International), Toronto, Kanada, 17 - 22 Temmuz 2016, cilt.9753, ss.391-402
- **Neural Correlates of Purchasing Decisions in an Ecologically Plausible Shopping Scenario with Mobile fNIR Technology**
ÇAKIR M. P. , Cakar T., Giriskan Y., Demircioglu A. K.
10th International Conference on Augmented Cognition (AC) Held as Part of 18th International Conference on Human-Computer Interaction (HIC International), Toronto, Kanada, 17 - 22 Temmuz 2016, cilt.9743, ss.135-146
- **Methodological Challenges in Rankings How Can Scientometrics Better Inform University Rankings**
ACARTÜRK C., ÇAKIR M. P.
15th INTERNATIONAL CONFERENCE ON SCIENTOMETRICS & INFORMETRICS, İstanbul, Türkiye, 29 Haziran - 03 Temmuz 2015
- **Examining an Online Collaboration Learning Environment with the Dual Eye-Tracking Paradigm: The Case of Virtual Math Teams**
Uzunosmanoglu S. D. , ÇAKIR M. P.
1st International Conference on Learning and Collaboration Technologies (LCT), Heraklion, Yunanistan, 22 - 27 Haziran 2014, cilt.8523, ss.462-472
- **Verbally assisted comprehension of haptic line graphs Referring expressions in a collaborative activity**
ÇAKIR M. P. , ACARTÜRK C.
CogSci 2013 Workshop on Production of Referring Expressions: Bridging the gap between cognitive and computational approaches to reference, Berlin, Almanya, 31 Temmuz 2013
- **Micro analysis of referring expressions in a dual eye tracking paradigm Two case studies on voice and chat mediated interaction**
ÇAKIR M. P. , ACARTÜRK C.
CogSci 2013 Workshop on Production of Referring Expressions: Bridging the gap between cognitive and computational approaches to reference, Berlin, Almanya, 31 Temmuz 2013
- **THE INTERACTION OF PROBABILITY LEARNING AND WORKING MEMORY**
Gozenman F., GÖKÇAYD., ÇAKIR M. P.
20th Annual Meeting of the Cognitive-Neuroscience-Society, San-Francisco, Kostarika, 13 - 16 Nisan 2013,

ss.103-104

- **Tangram solved? Prefrontal cortex activation analysis during geometric problem solving**
Ayaz H., Shewokis P. A. , Izzetoglu M., Cakir M. P. , Onaral B.
34th Annual International Conference of the IEEE Engineering-in-Medicine-and-Biology-Society (EMBS), California, Amerika Birleşik Devletleri, 28 Ağustos - 01 Eylül 2012, ss.4724-4727
- **Towards building a corpus of Turkish referring expressions**
ACARTÜRK C., ÇAKIR M. P.
Proceedings of the Workshop on Language Resources and Technologies for Turkic Languages. LREC 2012 Language and Resources Evaluation Conference, İstanbul, Türkiye, 21 Mayıs 2012, ss.1-5
- **Bridging Brain and Educational Sciences: An Optical Brain Imaging Study of Visuospatial Reasoning**
ÇAKIR M. P. , Ayaz H., Izzetoglu M., Shewokis P. A. , Izzetoglu K., Onaral B.
2nd International Conference on Education and Educational Psychology (ICEEPSY), İstanbul, Türkiye, 19 - 22 Ekim 2011, cilt.29

Desteklenen Projeler

ÇAKIR M. P. , ALAŞEHİR O., ÖMRÜUZUN F., AKKAYA A., BARIŞ B. T. , ACARTÜRK C., KOÇAK M., Yükseköğretim Kurumları Destekli Proje, DÜNYA VE TÜRKİYE ÜNİVERSİTELERİ AKADEMİK PERFORMANSLARININ GENEL BAŞARI KRİTERLERİNE GÖRE VE ALANLAR ÖZELİNDE İNCELENMESİ, 2015 - 2017

ÇAKIR M. P. , ACARTÜRK C., Yükseköğretim Kurumları Destekli Proje, Sosyal Etkileşim Süreçlerinin Oküler İzdüşümlerinin İkili Göz İzleme Tekniğiyle İncelenmesi, 2014 - 2015

BAYKAL N., ÇAKIR M. P. , Ömrüzun F., AKKAYA A., GÜREL KÖYBAŞI N. A. , BARIŞ B. T. , ACARTÜRK C., Koçak M., Yükseköğretim Kurumları Destekli Proje, Dünya Üniversiteleri Akademik Performanslarının İncelenmesi., 2012 - 2014

ÇAKIR M. P. , Yükseköğretim Kurumları Destekli Proje, Bilgisayar Destekli İşbirliğiyle Matematik Ve Fen Öğrenimi., 2011 - 2013

Atrflar

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