

EMRE AKADAL

ASSOC. PROF.

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAD-1947-2020

ScopusID: 57192230429

Yoksis Researcher ID: 24744



Learning Knowledge

Undergraduate

2017 - 2021

Anadolu University, Open Education Faculty, Department Of Management

Information Systems, Turkey

Doctorate

2013 - 2017

Istanbul University, Institute of Graduate Studies In Sciences, Enformatik Doktora

Programı, Turkey

Postgraduate

2010 - 2013

Istanbul University, Institute of Graduate Studies In Sciences, Enformatik Yüksek

Lisans Programı, Turkey

Undergraduate

2006 - 2010

Istanbul University, Faculty Of Science, Fizik, Turkey

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Ham verilerin genetik algoritmalarla ilişkisel veritabanlarına dönüştürülmesi ve bir uygulama, Istanbul University, Institute of Graduate Studies In Sciences, 2017

Postgraduate, Mezun takip sistemlerinin gerekliliği ve İstanbul Üniversitesi için mezun takip sistemi uygulaması: EYOKA, Istanbul University, Institute of Graduate Studies In Sciences, 2013

Academic Titles / Tasks

Associate Professor

2021 - Continues

Istanbul University, Faculty of Economics, Yönetim Bilişim Sistemleri Bölümü

Research Assistant

2012 - 2021

Istanbul University, Rektörlük, Bölümler

Supported Projects

1. ŞEKER M., MESCİ Ç., ÇELİKBIÇAK G., BEKTAŞ H., SALDANLI A., ULUTÜRK AKMAN S., SERTKAYA DOĞAN Ö., TUNA A., AKADAL E., Project Supported by Higher Education Institutions, Datalab Istanbul, 2022 - Continues
2. AKADAL E., ADAR K. Ü., ÖVENÇ G., Project Supported by Higher Education Institutions, İstanbul Üniversitesi Otorite Güvenceli ve Açık Erişim Blokszinciri, 2022 - Continues
3. ŞEKER M., ŞENTÜRK M., ÖZBAY B. K., TOPÇUOĞLU T., SALDANLI A., TUNA A., ÖZGÜL H. B., MESCİ Ç., ÇELİKBIÇAK G., BEKTAŞ H., et al., Project Supported by Higher Education Institutions, Şehir Politikaları Uygulama ve Araştırma Merkezi Kapasite Geliştirme Projesi, 2019 - 2022
4. GÜLSEÇEN S., KAYA B., AKADAL E., ÇELİK S., GEZER M., KIZIR A., TÜRKER ŞENER L., EROL Ç., AKYOL T., EKENEL M., et al., Project Supported by Higher Education Institutions, Onkoloji Enstitüsünde Dijital Dönüşüm Sürecinin Başlatılması, 2019 - 2021
5. Zaim Gökbay İ., Akadal E., Gezer M., Project Supported by Other Official Institutions, Gaziosmanpaşa İlçesi Çocuk Ve Ergen Eğitim Ve Gelişim Merkezi: GENOM-ist, 2017 - 2018
6. GÜLSEÇEN S., ÖZDEMİR Ş., UĞRAŞ T., ÖZÇELEP Y., ŞENTÜRK S., AKÇA T., AKADAL E., ÖZMEN İ., Project Supported by Higher Education Institutions, İNSAN BİLGİSAYAR ETKİLEŞİMİ ÇERÇEVESİNDE BİR KULLANILABİLİRLİK ÇALIŞMASI: İSTANBUL ÜNİVERSİTESİ WEB SİTESİ, 2014 - 2016
7. AYVAZ REİS Z., AKADAL E., Project Supported by Higher Education Institutions, İSTANBUL ÜNİVERSİTESİ İÇİN MEZUN TAKİP SİSTEMİ UYGULAMASI: Mezun ve Mevcut Öğrencileri Kaynaştırma Portalı, 2013 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

1. **PERFORMANCE COMPARISON OF THE SPECIALIZED ALPHA MALE GENETIC ALGORITHM WITH SOME EVOLUTIONARY ALGORITHMS**
SATMAN M. H., AKADAL E.
Trakya Üniversitesi Sosyal Bilimler Dergisi, vol.21, no.1, pp.55-82, 2019 (SCI-Expanded)
2. **Kamu Spotlarının Etkililiği Üzerine Bir Araştırma**
Bütün M., Selçuk M., AKADAL E., GÜLSEÇEN S.
Selçuk İletişim, vol.11, no.2, pp.273-291, 2018 (SCI-Expanded)

Articles Published in Other Journals

1. **A Novel Automatic Relational Database Normalization Method**
AKADAL E., SATMAN M. H.
ACTA INFORMATICA PRAGENSIA, vol.11, no.3, 2022 (Scopus)
2. **Interpretation of Emoji-Only Messages by Message Producers and Receivers**
Akadal E., Söyük M. Z.
International Journal of Technology and Human Interaction (IJTHI), vol.18, no.1, pp.1-17, 2022 (ESCI)
3. **LinRegOutliers: A Julia package for detecting outliers in linear regression**
Satman M. H., Adiga S., Angeris G., Akadal E.
The Journal of Open Source Software, vol.6, no.57, pp.1-6, 2021 (Peer-Reviewed Journal)
4. **Research on User Behaviours and Tolerance of Faulty Web Interactions**
Budak V. Ö., Akadal E., Gülseçen S.
Acta Informatica Pragensia, vol.9, no.2, pp.108-131, 2020 (Scopus)
5. **Machine Coded Compact Genetic Algorithms for Real Parameter Optimization Problems**
Satman M. H., Akadal E.
Alphanumeric Journal, vol.8, no.1, pp.43-58, 2020 (Peer-Reviewed Journal)
6. **GÖZ HAREKETLERİNİ İZLEME YÖNTEMİYLE ARAMA MOTORLARININ OTOMATİK TAMAMLAMA ÖZELLİĞİNİN KULLANILABİLİRLİK AÇISINDAN İNCELENMESİ**

- Yılmaz İ. G., Aygün D., AKADAL E., GÜLSEÇEN S.
Tasarım Enformatiği, vol.1, no.1, pp.48-58, 2019 (Peer-Reviewed Journal)
7. **ÖRGÜN VE UZAKTAN EĞİTİM ÖĞRENCİLERİ İÇİN KULLANILABİLİRLİK ARAŞTIRMASI: MARMARA ÜNİVERSİTESİ WEB SİTESİ**
Emre İ. E., AKADAL E., GÜLSEÇEN S.
Uluslararası Yönetim Bilişim Sistemleri ve Bilgisayar Bilimleri Dergisi, vol.2, no.1, pp.12-22, 2018 (Peer-Reviewed Journal)
8. **Machine-coded genetic operators and their performances in floating-point genetic algorithms**
SATMAN M. H., AKADAL E.
International Journal of Advanced Mathematical Sciences, vol.5, no.1, pp.8-19, 2017 (Peer-Reviewed Journal)
9. **mcga: R Implementation of the Machine-coded Genetic Algorithms**
SATMAN M. H., AKADAL E.
British Journal of Mathematics & Computer Science, no.20, pp.1-20, 2017 (Peer-Reviewed Journal)
10. **ARIMA forecasting as a genetic inheritance operator in floating-point genetic algorithms**
Satman M. H., Akadal E.
Journal of Mathematical and Computational Science, vol.6, pp.360-376, 2016 (Scopus)
11. **Observation of Young Age Individual's Approach to a New Computer Fact**
AKADAL E., DÖNMEZ B.
Istanbyl Journal of Innovation in Education, vol.13, pp.13-24, 2015 (Peer-Reviewed Journal)
12. **New address of on-campus communication: a pilot study from Istanbul University.**
Selçukcan Erol Ç., AKADAL E., Olgun A., Ayvaz Reis Z.
Global Journal On Technology, vol.1, 2014 (Peer-Reviewed Journal)
13. **An Analysis of the Education Category in App Markets**
Özdemir Ş., Akadal E., Reis Z. A.
International Journal of E-Adoption, vol.6, pp.14-30, 2014 (ESCI)
14. **FIBONACCI SPIRAL IN SUNFLOWER WITH GEOGEBRA**
Selçukcan Erol Ç., ÖZDEMİR Ş., ÖZEN Z., AKADAL E., AYVAZ REİS Z.
JOURNAL OF EDUCATIONAL AND INSTRUCTIONAL STUDIES IN THE WORLD, vol.25, no.2, pp.190-201, 2012 (Peer-Reviewed Journal)
15. **Fibonacci Spiral in Sunflower with Geogebra**
SELÇUKCAN EROL Ç., ÖZDEMİR Ş., ÖZEN Z., AKADAL E., AYVAZ REİS Z.
Journal Of Education and Instructional Studies In The World, vol.25, no.2, pp.190-201, 2012 (Peer-Reviewed Journal)
16. **New Address of On-Campus Communication: A Pilot Study from Istanbul University**
Erol Ç., Akadal E., Olgun A., Ayvaz Reis Z.
AWERProcedia Information Technology & Computer Science, vol.1, pp.1347-1351, 2012 (Peer-Reviewed Journal)
17. **New Address of On-Campus Communication: A Pilot Study from Istanbul University**
Erol Ç., Akadal E., Olgun A., Ayvaz Reis Z.
AWERProcedia Information Technology & Computer Science, vol.1, pp.1347-1351, 2012 (Peer-Reviewed Journal)

Books & Book Chapters

1. **Global Studies on Management Information Systems**
Kartal E. (Editor), Akadal E. (Editor), Övenç G. (Editor), Tabar S. (Editor)
Istanbul University, İstanbul, 2023
2. **Optimization With Julia**
Satman M. H., Akadal E.
in: Global Studies on Management Information Systems, Elif Kartal, Emre Akadal, Gökhan Övenç, Saeed Tabar, Editor,
Istanbul University Press, İstanbul, pp.295-315, 2023
3. **Veritabanı Tasarlama Atölyesi**

- Akadal E.
Türkmen Kitabevi, İstanbul, 2021
4. **Veri Saklama Yöntem ve Uygulamaları**
Akadal E.
in: Tıp Bilişimi, Nilgün Bozbuğa,Sevinç Gülseçen, Editor, Istanbul University, İstanbul, pp.61-77, 2021
 5. **Güncel Yazılım Teknolojileri**
Satman M. H., Akadal E.
in: Tıp Bilişimi, Nilgün Bozbuğa,Sevinç Gülseçen, Editor, Istanbul University, İstanbul, pp.319-334, 2021
 6. **Who Runs The World: Data**
Gülseçen H., Esenoğlu H. H., Gülseçen S. (Editor), Sharma S. (Editor), Akadal E. (Editor)
İstanbul University Ptes, İstanbul, 2020
 7. **Who Runs the World: Data**
Gülseçen S. (Editor), Sharma S. (Editor), Akadal E. (Editor)
İstanbul Üniversitesi Yayınevi, İstanbul, 2020
 8. **Human Computer Interaction: Research and Applications**
Gülseçen S. (Editor), Rızvanoğlu K. (Editor), Tosun N. (Editor), Akadal E. (Editor)
Istanbul University Press, İstanbul, 2020
 9. **Otomatik İlişkisel Veritabanı Tasarımı İçin Bir Yöntem Önerisi**
AKADAL E., SATMAN M. H.
in: Yönetim Bilişim Sistemlerinde Gündem, Gülseçen, S., Erol, Ç. S., Reis, Z. A., Gezer, M., Editor, Çağlayan Yayınevi, İstanbul, pp.189-202, 2018
 10. **İstatistikte Optimizasyonun Yeri ve Evrimsel Optimizasyon Algoritmaları**
SATMAN M. H., AKADAL E.
in: Ekonometride Güncel Konular, Terzioğlu M. K., Dal S., Editor, Gazi Kitabevi, Ankara, pp.105-120, 2018
 11. **Genetik Algoritmalarla Sezgisel Optimizasyon**
Akadal E.
in: Mühendislikte Yapay Zeka ve Uygulamaları, Orhan Torkul,Sevinç Gülseçen,Yılmaz Uyaroğlu,Gültekin Çağıl,Muhammed Kürşad Uçar, Editor, Sakarya Üniversitesi Kütüphanesi Yayınevi, Sakarya, pp.89-108, 2017
 12. **Gerçek Dünya Haritası Üzerinde Genetik Algoritmalarla Gezgin Satıcı Problemi Uygulaması**
AKADAL E., Saylan S.
in: R ile Veri Madenciliği Uygulamaları, Balaban M. E., Kartal E., Editor, Çağlayan Kitabevi, İstanbul, pp.165-186, 2016
 13. **An Analysis of the Education Category in App Markets**
ÖZDEMİR Ş., AKADAL E., Ayvaz Reis Z.
in: Human-Computer Interaction: Concepts, Methodologies, Tools And Applications, Khosrow-Pour, Mehdi, Editor, Igi Global, -, pp.1270-1282, 2015

Refereed Congress / Symposium Publications in Proceedings

1. **A Markle Tree Based System Design Proposal for Partial Identity Verification**
Akadal E.
International Congress of Academic Research, 7 - 09 December 2020
2. **Meaning of Emojis by Message Senders and Receivers**
AKADAL E., Söyük M. Z.
ERASMUS International Academic Research Symposium on Educational and Social Sciences, İzmir, Turkey, 5 - 06 April 2019, pp.153-154
3. **A Research on Blockchain and Cryptocurrencies**
AKADAL E., ÖZEN Z.
1st International Symposium on Graduate Research in Science, İstanbul, Turkey, 4 - 06 October 2018
4. **Ham verilerin genetik algoritmalarla ilişkisel veritabanlarına dönüştürülmesi**

AKADAL E., SATMAN M. H.

4. Uluslararası Yönetim Bilişim Sistemleri Konferansı, İstanbul, Turkey, 17 - 20 October 2017, pp.187

5. **Bir Web Sayfası Bileşenlerinin Yerleşiminin Kısa Süreli Hafıza Kapasitesi Üzerine Etkisi**

ALSADI M., AKADAL E., ÇELİK S., EROL Ç., GÜLSEÇEN S.

19. AKADEMİK BİLİŞİM KONFERANSI, Aksaray, Turkey, 8 - 10 February 2017, pp.1

6. **Reel sayılı genetik algoritmalarda makine kodlamalı genetik operatörlerin performanslarının diğer bazı genetik operatörlerle karşılaştırılması**

SATMAN M. H., AKADAL E.

17. ULUSLARARASI EKONOMETRİ, İSTATİSTİK VE YÖNEYLEM ARAŞTIRMASI SEMPOZYUMU, Sivas, Turkey, 2 - 04 June 2016, pp.1

7. **Mobile guidance in touchscreen era: YARDIM@**

AYVAZ REİS Z., AKADAL E., ÖZDEMİR Ş.

ERPA International Congresses on Education 2015, ERPA Congresses, Atina, Greece, 4 - 07 June 2015, pp.10-24

8. **Awareness Research: Do We Know The New Generation Students?.**

AYVAZ REİS Z., ÖZDEMİR Ş., AKADAL E.

ERPA International Congresses on Education 2015, ERPA Congresses 2015, Atina, Greece, 4 - 07 June 2015, pp.5-12

9. **The Good Reader of Digital World, Digital Natives: Are They Good Writer Also?**

Gulsecen S., Ozdemir S., Gezer M., Akadal E.

Proceedings of 6th World Conference on Educational Sciences, Valletta, Malta, 6 - 09 February 2014, vol.191, pp.2396-2401

10. **Mobil Ticaret Uygulamaları Arayüzleri Üzerine Bir Araştırma**

ÇELİK S., AKADAL E.

XIX. Türkiye'de İnternet Konferansı, İzmir, Turkey, 27 - 29 November 2014, pp.66

11. **Observation of the young age individual's approach to a new computer fact**

AKADAL E., Dönmez B.

5th International Future-Learning Conference on Innovations in Learning for the Future 2014: e-Learning, İstanbul, Turkey, 5 - 07 May 2014

12. **The Good Reader Of Digital World, Digital Natives: Are They Good Writer Of That World?**

GÜLSEÇEN S., ÖZDEMİR Ş., GEZER M., Akadal E., ÖZEN Z.

6th World Conference on Educational Sciences, Valleta, Malta, 6 - 09 February 2014

13. **GNU Özgür Belgeleme Lisansı (GFDL) Kapsamındaki Dokümanlar İçin Bir Çevrimiçi Arşiv Geliştirilmesi**

AKADAL E., ÖZDEMİR Ş., AYVAZ REİS Z.

Akademik Bilişim 2013, Antalya, Turkey, vol.1, no.1

14. **GNU Özgür Lisanslı Belgeler için Bir Çevrimiçi Arşiv Geliştirilmesi**

Akadal E., ÖZDEMİR Ş., AYVAZ REİS Z.

Akademik Bilişim 2013, Antalya, Turkey, 1 - 04 January 2013, pp.138

15. **Uygulama Marketlerinin Eğitim Kategorisi Altındaki Uygulamalarının İncelenmesi**

ÖZDEMİR Ş., Akadal E., ÇELİK S., AYVAZ REİS Z.

Akademik Bilişim 2013, Antalya, Turkey, 1 - 04 January 2013, pp.138

16. **The Analysis of Category of Educational Applications in Online Mobile Application Markets**

AKADAL E., ÖZDEMİR Ş., AYVAZ REİS Z.

Future Learning 2012 4th International Future Learning Conference on Innovations in Learning for the Future: e-Learning, Turkey, 1 - 04 November 2012, pp.545-563

17. **The Analyze of Education Applications Category in Online Mobile Application Markets, 4th**

Akadal E., Özdemir Ş., AYVAZ REİS Z.

International Future-Learning Conference On Innovations in Learning for the Future 2012:e-Learning, Turkey, 1 - 04 November 2012, pp.548-566

18. **An Overview on ICT Development in Turkey, Pakistan, Middle East and Africa**

Muhammad B., AKADAL E., Alsadi M., Alshaikh M., Iqbal M., Sabimbona S., Gülseçen S.

International Development Informatics Association, Turkey, 1 - 04 September 2012, vol.1, no.1

19. **Fibonacci Spiral in Sunflower With Geogebra**

Erol Ç., Özdemir Ş., Özen Z., Akadal E., Ayvaz Reis Z.

3rd International Conference on New Trends in Education and Their Implications, Antalya, Turkey, 26 - 28 April 2012, pp.2211-2223

20. **New Address of On-Campus Communication: A Pilot Study from Istanbul University**

Selçukcan Erol Ç., AKADAL E., Olgun A., Ayvaz Reis Z.

World Conference on Information Technology, Turkey, 1 - 04 January 2012, pp.1347-1351

Academic and Administrative Experience

	Uygulama ve Araştırma	
2023 - Continues	Merkezi Yönetim Kurulu Üyesi	Istanbul University
2022 - Continues	Deputy Head of Department	Istanbul University, Faculty Of Economics, Yönetim Bilişim Sistemleri Bölümü

Patent

Akadal E., Satman M. H., Otomatik İlişkisel Veritabanı Oluşturmak İçin Bir Yöntem, Patent, CHAPTER B Implementation of Operations; Transport, The Invention Registration Number: 2017 23004 , Standard Registration, 2022

Satman M. H., Akadal E., Makine Kodlu Hibrit Kompakt Genetik Algoritmalar Optimizasyon Yöntemi, Patent, CHAPTER B Implementation of Operations; Transport, The Invention Registration Number: 2018-GE-510239 , Standard Registration, 2022

Metrics

Publication: 52

Citation (WoS): 3

H-Index (WoS): 1

Research Areas

Social Sciences and Humanities, Science, Technology and Society, Science and Technological Policy Studies, Information Systems, Communication and Control Engineering, Computer Sciences, algorithms, Database and Data Structures, Database Systems, Software, Engineering and Technology

Non Academic Experience

University, İstanbul University, İstanbul BTC: İstanbul University Faculty of Economics Blockchain Technologies and Innovation Center