

## Lect. PhD FATİH GÜRCAN

### Personal Information

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### Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey 2010 - 2017

Post Graduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey 2005 - 2009

### Dissertations

Post Graduate, Web İçerik Madenciliği ve Konu Sınıflandırılması, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, 2009

### Research Areas

Computer Sciences, Engineering and Technology

### Academic Titles / Tasks

Lecturer PhD, Karadeniz Technical University, Rektörlük, Uzaktan Eğitim Uygulama Ve Araştırma Merkezi, 2001 - Continues

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Mapping Human-Computer Interaction Research Themes and Trends from Its Existence to Today: A Topic Modeling-Based Review of past 60 Years**  
GÜRCAN F., Cagiltay N. E. , ÇAĞILTAY K.  
INTERNATIONAL JOURNAL OF HUMAN-COMPUTER INTERACTION, 2020 (Journal Indexed in SCI)
- II. **Research trends on distance learning: a text mining-based literature review from 2008 to 2018**  
GÜRCAN F., Cagiltay N. E.  
INTERACTIVE LEARNING ENVIRONMENTS, 2020 (Journal Indexed in SSCI)
- III. **Comparison of Radiation-Induced Secondary Malignancy Risk Between Sequential and Simultaneous Integrated Boost for the Treatment of Nasopharyngeal Carcinoma: Intensity-Modulated Radiotherapy versus Volumetric-Modulated Arc Therapy**  
HACIİSLAMOĞLU E., Cinar Y., Eren M., CANYILMAZ E., GÜRCAN F., Serdar L., Yoney A.  
CANCER MANAGEMENT AND RESEARCH, vol.12, pp.2513-2521, 2020 (Journal Indexed in SCI)
- IV. **Secondary cancer risk after whole-breast radiation therapy: field-in-field versus intensity modulated radiation therapy versus volumetric modulated arc therapy.**  
Haciislamoglu E., CINAR Y., GURCAN F., CANYILMAZ E., GUNGOR G., YONEY A.  
The British journal of radiology, vol.92, pp.20190317, 2019 (Journal Indexed in SCI)

- V. **Extraction of Core Competencies for Big Data: Implications for Competency-Based Engineering Education**  
GÜRCAN F.  
INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION, vol.35, pp.1110-1115, 2019 (Journal Indexed in SCI)
- VI. **Big Data Software Engineering: Analysis of Knowledge Domains and Skill Sets Using LDA-Based Topic Modeling**  
GÜRCAN F., ÇAĞILTAY N.  
IEEE ACCESS, vol.7, pp.82541-82552, 2019 (Journal Indexed in SCI)
- VII. **Analysis of Software Engineering Industry Needs and Trends: Implications for Education**  
GÜRCAN F., KÖSE C.  
INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION, vol.33, pp.1361-1368, 2017 (Journal Indexed in SCI)

### Articles Published in Other Journals

- I. **Emerging Trends and Knowledge Domains in E-Learning Researches: Topic Modeling Analysis with the Article Published between 2008-2018**  
GÜRCAN F., ÖZYURT Ö.  
Journal of Computer and Education Research, vol.8, pp.738-756, 2020 (Refereed Journals of Other Institutions)

### Books & Book Chapters

- I. **Temel Bilgi Teknolojileri**  
KAYA Y., YILMAZ E., GÜRCAN F., SÖNMEZ S., KOCABAŞ A.  
Derya Kitabevi, Trabzon, 2010
- II. **Uygulamalı İleri Excel**  
KAYA Y., YILMAZ E., SÖNMEZ S., KOCABAŞ A., GÜRCAN F.  
Derya Kitabevi, Trabzon, 2007
- III. **Temel Bilgisayar**  
KAYA Y., YILMAZ E., GÜRCAN F., KOCABAŞ A., SÖNMEZ S.  
Şahinkaya Matbaacılık, İstanbul, 2005
- IV. **Temel Bilgisayar 1**  
KAYA Y., COŞKUN E., GÜRCAN F.  
Karadeniz Teknik Üniversitesi Matbaası, Trabzon, 2001

### Refereed Congress / Symposium Publications in Proceedings

- I. **EDUCAUSE UFUK RAPORLARININ MÜHENDİSLİK EĞİTİMİ BAĞLAMINDA İNCELENMESİ: 2019 YÜKSEKÖĞRENİM SÜRÜMÜ PERSPEKTİFİ**  
ÖZYURT Ö., ÖZYURT H., GÜRCAN F.  
2. ULUSLARARASI TÜRK DÜNYASI MÜHENDİSLİK VE FEN BİLİMLERİ KONGRESİ, 7 - 10 November 2019
- II. **Analysis of Requirements for Programming Languages and Tools in Turkish Software Industry**  
GÜRCAN F., ÖZYURT Ö.  
2. Türk Dünyası Mühendislik ve Fen Bilimleri Kongresi, Antalya, Turkey, 07 November 2019 - 10 January 2020, pp.307-311
- III. **Multi-Class Classification of Turkish Texts with Machine Learning Algorithms**  
GÜRCAN F.  
2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Kizilcahamam, Turkey, 19 - 21 October 2018, pp.294-298

- IV. **Major Research Topics in Big Data: A Literature Analysis from 2013 to 2017 Using Probabilistic Topic Models**  
GÜRCAN F.  
International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 28 - 30 September 2018
- V. **Real-Time Processing of Big Data Streams: Lifecycle, Tools, Tasks, and Challenges**  
GÜRCAN F., BERİGEL M.  
2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Kizilcahamam, Turkey, 19 - 21 October 2018, pp.284-289
- VI. **ADAY ÖĞRENCİLERİN ÜNİVERSİTE TERCİHLERİNDEKİ ÖNCELİKLERİNİN VE ÖLÇÜTLERİNİN BELİRLENMESİ: TWITTER PLATFORMUNDA PAYLAŞILAN TÜRKÇE METİNLER ÜZERİNDE KÜMELEME ANALİZİ**  
GÜRCAN İ., GÜRCAN F., ŞEVİK S.  
I. INTERNATIONAL TURKISH WORLDEGINEERING AND SCIENCE CONGRESS, 7 - 10 December 2017, vol.1, pp.49-53
- VII. **DUYGU VE FİKİR ANALİZİNDE KULLANILAN DOĞAL DİL İŞLEME YÖNTEMLERİ VE YORDAMLARI**  
GÜRCAN F., ŞEVİK S., İSKENDEROĞLU M.  
I. INTERNATIONAL TURKISH WORLDEGINEERING AND SCIENCE CONGRESS, 7 - 10 December 2017, vol.1, pp.39-43
- VIII. **Genetic Feature Selection for Detection of Bundle Branch Block Beats of ECG**  
KAYA Y., GÜRCAN F., PEHLİVAN H.  
1nd International Turkish World Engineering and Science Congress, Antalya, Turkey, 7 - 12 December 2017, vol.1, no.1, pp.87-95
- IX. **Naive Bayes Olasılık Modelleri ile Türkçe Metinlerin Sınıflandırılması**  
GÜRCAN F., ŞEVİK S.  
EYİ 2017 XVIII. Uluslararası Ekonometri YöneylemAraştırması ve İstatistik Sempozyumu, 5 - 07 October 2017, vol.1, pp.383
- X. **Günümüz İşgücü Piyasasında Ekonometri Uzmanlarının Sahip Olması Gereken Mesleki Niteliklerin Belirlenmesi**  
GÜRCAN F., ŞEVİK S.  
EYİ 2017 XVIII. Uluslararası Ekonometri YöneylemAraştırması ve İstatistik Sempozyumu, 5 - 07 October 2017, vol.1, pp.391
- XI. **Semantic Analysis Determination of in Demand Skills for IS IT Professionals**  
GÜRCAN F., KÖSE C.  
INTERNATIONAL CONFERENCE ONCOMPUTER SCIENCE AND ENGINEERING(UBMK 2016), 20 - 23 October 2016

## Citations

Total Citations (WOS):9

h-index (WOS):2