

## **Prof. ALİ KARCI**

### **Personal Information**

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### **International Researcher IDs**

ORCID: 0000-0002-8489-8617

Publons / Web Of Science ResearcherID: A-9604-2019

ScopusID: 6602929072

Yoksis Researcher ID: 57808

### **Education Information**

Doctorate, Firat University, Institute Of Science, Elektrik-Elektronik Mühendisliği, Turkey 1998 - 2002

Postgraduate, Firat University, Institute Of Science, Bilgisayar Mühendisliği A.B.D., Turkey 1996 - 1998

Undergraduate, Ihsan Dogramaci Bilkent University, Faculty Of Engineering, Department Of Computer Engineering, Turkey 1989 - 1994

### **Dissertations**

Doctorate, Genetik Algoritmalarla Iraksama ve Yerel Çözümde Kalma Problemlerinin Giderilmesi, Firat University, Fen Bilimleri, Elektrik-Elektronik, 2002

### **Research Areas**

Computer Sciences, algorithms, Parallel Algorithms, Engineering and Technology

### **Academic Titles / Tasks**

Professor, Inonu University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2015 - Continues

Associate Professor, Inonu University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2010 - 2015

Assistant Professor, Inonu University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2009 - 2010

Assistant Professor, Firat University, Faculty Of Engineering, Department Of Computer Engineering, 2002 - 2009

Lecturer, Firat University, Faculty Of Engineering, Department Of Computer Engineering, 1996 - 2002

### **Academic and Administrative Experience**

Inonu University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2013 - 2015

Inonu University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2009 - 2013

Inonu University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2009 - 2011

Firat University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2006 - 2009

Firat University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2003 - 2006

## Courses

İleri Çizge Kuramı, Doctorate, 2016 - 2017  
Java Programlama, Undergraduate, 2016 - 2017  
Olasılık ve İstatistik, Undergraduate, 2016 - 2017  
Bıçimsel Diller ve Özdevinirler, Undergraduate, 2016 - 2017  
İleri Algoritma Analizi, Postgraduate, 2016 - 2017  
Programlama Dilleri, Undergraduate, 2016 - 2017  
Java Programlama, Undergraduate, 2016-2017  
Bıçimsel Diller ve Özdevinirler, Undergraduate, 2016-2017  
İleri Algoritma Analizi, Undergraduate Double Major, 2016-2017  
Olasılık ve İstatistik, Undergraduate, 2016-2017  
İleri Çizge Kuramı, Undergraduate Minor, 2016-2017  
Programlama Dilleri, Undergraduate, 2016-2017  
Çoklu Kanal Paralelliği, Undergraduate Minor, 2015-2016  
Ayrık Matematik, Undergraduate, 2015-2016  
İleri Algoritma Analizi, Undergraduate Double Major, 2015-2016  
Java Programlama, Undergraduate, 2015-2016  
Hesapsal İstatistik, Undergraduate Minor, 2015-2016  
Hesaplama Kuramı, Undergraduate Double Major, 2015-2016  
Algoritma Analizi, Undergraduate, 2015-2016  
Bıçimsel Diller ve Özdevinirler, Undergraduate, 2015-2016  
Olasılık ve İstatistik, Undergraduate, 2015-2016  
Programlama Dilleri, Undergraduate, 2015-2016  
Algoritma Analizi, Undergraduate, 2014-2015  
Ayrık Matematik, Undergraduate, 2014-2015  
İnternet Programcılığı, Undergraduate, 2014-2015  
Programlama Dilleri, Undergraduate, 2014-2015  
İleri Algoritma Analizi, Undergraduate Double Major, 2014-2015  
Metasezgisel Yöntemler, Undergraduate Minor, 2014-2015  
Olasılık ve İstatistik, Undergraduate, 2014-2015  
Java Programlama, Undergraduate, 2014-2015  
Bıçimsel Diller ve Özdevinirler, Undergraduate, 2014-2015  
Yaklaşım Algoritmaları, Undergraduate Minor, 2014-2015  
Çoklu-Kanal Paralelliği, Undergraduate Minor, 2013-2014  
İnternet Programcılığı, Undergraduate, 2013-2014  
İleri Algoritma Analizi, Undergraduate Double Major, 2013-2014  
Olasılık ve İstatistik, Undergraduate, 2013-2014  
Ayrık Matematik, Undergraduate, 2013-2014  
Algoritma Analizi, Undergraduate, 2013-2014

## Advising Theses

KARCI A., U'niversiteler Arası Akademik İ-s,birliklerinin Sosyal Ağ Olarak Modellenmesi ve Analiz Edilmesi, Doctorate, K.İNCE(Student), 2018  
KARCI A., Atlamalı halka: Dairesel ve atlamalı liste temelli yeni bir veri yapısı, Doctorate, M.AKSU(Student), 2016  
KARCI A., DNA dizilerinin de Bruijn grafları ile incelenmesi, Postgraduate, İ.KILIÇ(Student), 2016  
KARCI A., Sezgisel yöntemlerde altın oran, Doctorate, M.DEMİR(Student), 2015  
KARCI A., Privacy preserving data mining, Postgraduate, A.FAREA(Student), 2015  
KARCI A., Elektromagnetizma – benzer algoritması kullanılarak kablosuz algılayıcı ağlarının optimizasyonunun gerçekleştirilmesi, Doctorate, R.ÖZDAĞ(Student), 2015

KARCI A., Cırcır böceği algoritması: Yeni bir meta-sezgisel yaklaşım ve uygulamaları, Doctorate, M.CANAYAZ(Student), 2015

KARCI A., Takviyeli öğrenme için yapay atom algoritması (A3) kullanımı, Postgraduate, A.KARADOĞAN(Student), 2014

KARCI A., Çok çekirdekli mimarilerde paralel programlama ile genetik algoritmaların uygulaması, Postgraduate, K.İNCE(Student), 2013

KARCI A., Tıbbi verileri çizge bölütleme yöntemi ile sınıflandırma ve kümelendirme, Postgraduate, M.YİĞİTER(Student), 2008

KARCI A., Fidan gelişimi algoritması ile protein yapı tahmini, Postgraduate, S.ARSLAN(Student), 2008

KARCI A., Video görüntülerinde renk dedektörü, Postgraduate, M.İNCE(Student), 2006

KARCI A., Açık sistemdeki güvenlik duvarını kullanarak ağdaki paketlerin kontrolü, Postgraduate, G.KARABATAK(Student), 2006

KARCI A., Peptit bağ açılarını kullanarak yapay sinir ağı tabanlı proteinlerin sekonder yapı tahmini, Postgraduate, M.DEMİR(Student), 2006

KARCI A., Çaprazlama ve mutasyonun ortogonal ve sözde rassal başlangıç populasyonları üzerindeki etkileri, Postgraduate, P.SANAÇ(Student), 2005

### **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **Marked social networks: A new model of social networks based on dynamic behaviors**  
KARADOĞAN A., KARCI A.  
ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, vol.35, 2022 (SCI-Expanded)
- II. **A new multi-document summarisation approach using saplings growing-up optimisation algorithms: Simultaneously optimised coverage and diversity**  
Hark C., Uçkan T., KARCI A.  
JOURNAL OF INFORMATION SCIENCE, 2022 (SCI-Expanded)
- III. **Centrality analysis of Malatya City transportation network intersection points**  
Oztemiz F., KARCI A.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.37, no.1, pp.511-528, 2022 (SCI-Expanded)
- IV. **Extractive multi-document text summarization based on graph independent sets**  
Uçkan T., KARCI A.  
EGYPTIAN INFORMATICS JOURNAL, vol.21, no.3, pp.145-157, 2020 (SCI-Expanded)
- V. **Karc1 summarization: A simple and effective approach for automatic text summarization using Karc1 entropy**  
Hark C., KARCI A.  
INFORMATION PROCESSING & MANAGEMENT, vol.57, no.3, 2020 (SCI-Expanded)
- VI. **Improving the accuracy using pre-trained word embeddings on deep neural networks for Turkish text classification**  
Aydogan M., KARCI A.  
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.541, 2020 (SCI-Expanded)
- VII. **Comparisons of Karci and Shannon entropies and their effects on centrality of social networks**  
Tugal I., KARCI A.  
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.523, pp.352-363, 2019 (SCI-Expanded)
- VIII. **Modelling and statistical analysis of academic collaborations as a new graph type**  
İNCE K., KARCI A.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.34, no.1, pp.439-459, 2019 (SCI-Expanded)
- IX. **Pyramid Search: Skip Ring Data Structure-Based New Searching Algorithm**  
Aksu M., KARCI A.  
JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS, vol.27, no.14, 2018 (SCI-Expanded)

- X. **Applications of artificial atom algorithm to small-scale traveling salesman problems**  
YILDIRIM A. E., KARCI A.  
SOFT COMPUTING, vol.22, no.22, pp.7619-7631, 2018 (SCI-Expanded)
- XI. **A(3)-ARTIFICIAL ATOM ALGORITHM: A NEW META-HEURISTIC COMPUTATIONAL INTELLIGENCE ALGORITHM INSPIRED BY CHEMICAL PROCESSES**  
KARCI A.  
APPLIED AND COMPUTATIONAL MATHEMATICS, vol.17, no.2, pp.119-140, 2018 (SCI-Expanded)
- XII. **Notes on the published article "Fractional order entropy: New perspectives" by Ali KARCI, Optik - International Journal for Light and Electron Optics, Volume 127, Issue 20, October 2016, Pages 9172-9177**  
KARCI A.  
OPTIK, vol.171, pp.107-108, 2018 (SCI-Expanded)
- XIII. **Connected Cubic Network Graph**  
SELÇUK B., KARCI A.  
ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, vol.20, no.3, pp.934-943, 2017 (SCI-Expanded)
- XIV. **Fair Priority Scheduling (FPS): A Process Scheduling Algorithm Based on Skip Ring Data Structure**  
Aksu M., KARCI A.  
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.42, no.2, pp.677-689, 2017 (SCI-Expanded)
- XV. **New Approach for Fractional Order Derivatives: Fundamentals and Analytic Properties**  
KARCI A.  
MATHEMATICS, vol.4, no.2, 2016 (SCI-Expanded)
- XVI. **Cricket behaviour-based evolutionary computation technique in solving engineering optimization problems**  
Canayaz M., KARCI A.  
APPLIED INTELLIGENCE, vol.44, no.2, pp.362-376, 2016 (SCI-Expanded)
- XVII. **Probabilistic dynamic distribution of wireless sensor networks with improved distribution method based on electromagnetism-like algorithm**  
Özdağ R., KARCI A.  
MEASUREMENT, vol.79, pp.66-76, 2016 (SCI-Expanded)
- XVIII. **Implementation analyses of proteins and genes obtained from cancer patients**  
Demir M., KARCI A.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.24, no.4, pp.2525-2538, 2016 (SCI-Expanded)
- XIX. **Fractional order entropy: New perspectives**  
KARCI A.  
OPTIK, vol.127, no.20, pp.9172-9177, 2016 (SCI-Expanded)
- XX. **Continuous rotation invariant features for gradient-based texture classification**  
HANBAY K., ALPASLAN N., TALU M. F., HANBAY D., KARCI A., KOCAMAZ A. F.  
COMPUTER VISION AND IMAGE UNDERSTANDING, vol.132, pp.87-101, 2015 (SCI-Expanded)
- XXI. **THE PROPERTIES OF NEW APPROACH OF FRACTIONAL ORDER DERIVATIVE**  
KARCI A.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.30, no.3, pp.487-501, 2015 (SCI-Expanded)
- XXII. **Sensor Node Deployment Based on Electromagnetism-Like Algorithm in Mobile Wireless Sensor Networks**  
Özdağ R., KARCI A.  
INTERNATIONAL JOURNAL OF DISTRIBUTED SENSOR NETWORKS, 2015 (SCI-Expanded)
- XXIII. **Data Clustering on Breast Cancer Data Using Firefly Algorithm with Golden Ratio Method**  
Demir M., KARCI A.  
ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING, vol.15, no.2, pp.75-84, 2015 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Classification of News Texts with GloVe Word Embeddings and Neural Networks**  
hark h., Karakurt M., hark c., KARCI A.  
International Journal of Pure and Applied Sciences, vol.9, no.1, pp.175-187, 2023 (Peer-Reviewed Journal)
- II. **A New Approach Based on Centrality Value in Solving the Minimum Vertex Cover Problem: Malatya Centrality Algorithm**  
KARCI A., YAKUT S., ÖZTEMİZ F.  
Anatolian Science - Bilgisayar Bilimleri Dergisi, 2022 (Peer-Reviewed Journal)
- III. **Determination of efficient green wave corridors in the transportation network with the community detection method**  
Öztemiz F., Karcı A.  
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, 2022 (ESCI)
- IV. **A Study on Reducing the Traffic Density Caused by Taxis in the City Center**  
ÖZTEMİZ F., DURAN M., KARCI A.  
Uluslararası Bilim Teknoloji ve Tasarım Dergisi, vol.2, no.3, pp.102-115, 2022 (Peer-Reviewed Journal)
- V. **A New Approach to Determining Effective Nodes in Linked Graphs**  
ÖZTEMİZ F., KARCI A.  
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.24, no.70, pp.143-155, 2022 (Peer-Reviewed Journal)
- VI. **AKADEMİK YAZARLARIN YAYINLARI ARASINDAKİ İLİŞKİNİN SOSYAL AĞ BENZERLİK YÖNTEMLERİ İLE TESPİT EDİLMESİ**  
ÖZTEMİZ F., KARCI A.  
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, no.1, pp.591-608, 2020 (Peer-Reviewed Journal)
- VII. **Skip List Data Structure Based New Searching Algorithm and Its Applications: Priority Search**  
Aksu M., KARCI A.  
INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS, vol.7, no.2, pp.149-154, 2016 (ESCI)
- VIII. **A new hypercube variant: Fractal Cubic Network Graph**  
KARCI A., SELÇUK B.  
ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, vol.18, no.1, pp.32-41, 2015 (ESCI)
- IX. **Properties of Fractional Order Derivatives for Groups of Relations Functions**  
KARCI A.  
Universal Journal of Engineering Science, vol.3, no.3, pp.39-45, 2015 (Peer-Reviewed Journal)
- X. **Skip Graph Based Image Segmentation**  
AKSU M., CANAYAZ M., KARCI A.  
International Journal of Scientific and Technological Research, vol.1, pp.279-287, 2015 (Peer-Reviewed Journal)
- XI. **Fractional Order Derivative and Relationship Between Derivative and Complex Functions**  
KARCI A., KARADOĞAN A.  
Mathematical Sciences and Applications E-Notes, vol.2, pp.44-54, 2014 (Peer-Reviewed Journal)
- XII. **Fidan Gelişim Algoritması Yardımı ile DNA Motiflerinin Keşfi**  
DEMİR M., KARCI A., ÖZDEMİR M.  
Çankaya University Journal of Science and Engineering, vol.8, pp.51-62, 2011 (Peer-Reviewed Journal)
- XIII. **Genetik Algoritmalarla Düzenli Populasyon ve Düzenli Operatör**  
ALATAŞ B., KARCI A.  
Afyon Kocatepe Üniversitesi Fen Bilimleri Dergisi, vol.3, pp.11-26, 2003 (Peer-Reviewed Journal)
- XIV. **Düzenli Populasyonu DP Yönteminin Kaliteli Populasyon Üretme Yeteneğinin Olasılıksal Analizi**  
KARCI A., ARSLAN A.  
Gazi Üniversitesi Politeknik Dergisi, vol.6, no.1, pp.365-371, 2003 (Peer-Reviewed Journal)
- XV. **Uniform Population in Genetic Algorithms**

## Refereed Congress / Symposium Publications in Proceedings

- I. **Kumaş Hatası Tespiti için Entropi ile Geliştirilmiş Otomatik Eşikleme Yöntemi**  
ÜZEN H., FIRAT H., KARCI A., HANBAY D.  
2019 International Artificial Intelligence and Data Processing Symposium (IDAP), 21 - 22 September 2019
- II. **Automatic Thresholding Method Developed With Entropy For Fabric Defect Detection**  
Uzen H., Firat H., KARCI A., HANBAY D.  
International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 21 - 22 September 2019
- III. **Feature Selection for Text Classification Using Mutual Information**  
Sel I., KARCI A., HANBAY D.  
International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 21 - 22 September 2019
- IV. **Performance Comparison of Physics Based Meta-Heuristic Optimization Algorithms**  
DEMİROL D., ÖZTEMİZ F., KARCI A.  
2018 International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 28 - 30 September 2018
- V. **Spam Mail Detection using Naive Bayes method with Apache Spark**  
Aydogan M., KARCI A.  
International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 28 - 30 September 2018
- VI. **Performance Comparison of Physics Based Meta-Heuristic Optimization Algorithms**  
Demirool D., Oztemiz F., KARCI A.  
International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 28 - 30 September 2018
- VII. **Prediction of Collaboration Between Universities of Turkey**  
Karadeniz E., Temel M. M., KARCI A.  
International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 28 - 30 September 2018
- VIII. **Performance Comparison of Different Optimization Algorithms**  
Toptas B., Karadeniz E., KARCI A.  
International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 28 - 30 September 2018
- IX. **Application of Three Bar Truss Problem among Engineering Design Optimization Problems using Artificial Atom Algorithm**  
Erdogan Yildirim A., KARCI A.  
International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 28 - 30 September 2018
- X. **Graph-Based Suggestion For Text Summarization**  
Hark C., Uçkan T., Seyyarer E., KARCI A.  
International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 28 - 30 September 2018
- XI. **Performance Comparisons of Optimization Algorithms**  
İnan M., Karaduman M., KARCI A.  
International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 28 - 30 September 2018
- XII. **Centrality of Nodes with Karci Entropy**

Tugal I., KARCI A.

International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 28 - 30 September 2018

**XIII. Performance Comparison of Different Optimization Methods under the Same Conditions**

ALTUN S., Varjovi M. H., KARCI A.

International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 28 - 30 September 2018

**XIV. Doğal dil işleme yaklaşımları ile yapısal olmayan dökümanların benzerliği**

Hark C., Seyyarer A., Uçkan T., Karci A.

2017 International Artificial Intelligence and Data Processing Symposium, IDAP 2017, Malatya, Turkey, 16 - 17 September 2017

**XV. Group Elevator Control Optimization using Artificial Atom Algorithm**

Erdogan Yildirim A., KARCI A.

2017 International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 16 - 17 September 2017

**XVI. Collaboration Graph as a New Graph Definition Approach**

İNCE K., KARCI A.

2017 International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 16 - 17 September 2017

**XVII. NOVEL NETWORK STEGANOGRAPHY APPROACHES FOR CONFIDENTIAL TRANSMISSION OF INFORMATION**

Karadogan I., DAŞ R., KARCI A.

2017 International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 16 - 17 September 2017

**XVIII. Overcurrent Relay Coordination of 154/34,5 kV Hasancelebi Substation by League Championship Algorithm**

Seyyarer A., AKDAG O., Hark C., KARCI A., YEROĞLU C.

2017 International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 16 - 17 September 2017

**XIX. Load Flow Optimization of 154 kV Malatya Transmission Line Using Differential Evolution Algorithm**

AKDAG O., KARADOĞAN I., Okumus F., YEROĞLU C., KARCI A.

2017 International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 16 - 17 September 2017

**XX. Artificial Immune System Optimization Based Duplex Kinect Skeleton Fusion**

Gunduz A. F., ŞEN M. O., KARCI A., YEROĞLU C.

2017 International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 16 - 17 September 2017

**XXI. Collaboration Network Analysis of Turkey in Regional Basis**

İNCE K., KARCI A.

2017 International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 16 - 17 September 2017

**XXII. Fp Growth Algoritması ve Big Data Uygulamaları**

UÇKAN T., HARK C., KARCI A.

Fp Growth Algoritması ve Big Data Uygulamaları, Malatya, Turkey, 17 - 18 September 2016, pp.338-341

**XXIII. Sosyal Ağlarda Alt Topluluk Belirleme ve Ortak Birey Tespiti**

KARADENİZ E., KARCI A.

International Artificial Intelligence and Data Processing Symposium (IDAP'16), Malatya, Turkey, 17 - 18 September 2016, pp.556-560

**XXIV. Ülkeler Arasındaki Birliktelik Hesabı**

TUĞAL İ., KARCI A.

International Artificial Intelligence and Data Processing Symposium (IDAP'16), Malatya, Turkey, 17 - 18 September

2016, pp.87-92

- XXV. **BAGR Bat Algorithm with Golden Ratio The Effects of Golden Ratio on Bat Algorithms and Their Clustering Applications**  
DEMİR M., KARCI A.  
International Artificial Intelligence and Data Processing Symposium (IDAP'16), Malatya, Turkey, 17 - 18 September 2016, pp.266-274
- XXVI. **15 Temmuz Şehitler Köprüsü Kapsamında Hava Yol Durum Bilgileri Kullanılarak Trafik Kazalarının Nedenlerine Yönelik Birliktelik Çıkarımı**  
HARK C., UÇKAN T., KARCI A.  
International Artificial Intelligence and Data Processing Symposium (IDAP'16), Malatya, Turkey, 17 - 18 September 2016, pp.347-351
- XXVII. **A Comparison of A BFS and DFS Artificial Intelligence Algorithms for Solving N Puzzle**  
GÜNDÜZ A. F., KARCI A.  
International Artificial Intelligence and Data Processing Symposium (IDAP'16), Malatya, Turkey, 17 - 18 September 2016, pp.97-103
- XXVIII. **New Kinds of Entropy Fractional Entropy**  
KARCI A.  
International Conference on Natural Science and Engineering, Kilis, Turkey, 19 - 20 March 2016, pp.1-4
- XXIX. **Overlapping Community Detection In Social Networks**  
Karadeniz E., KARCI A.  
International Conference on Natural Science and Engineering, Kilis, Turkey, 19 - 20 March 2016, pp.3137-3144
- XXX. **Computational Thinking Capability of Artificial Atom Algorithm**  
KARCI A.  
International Conference on Natural Science and Engineering, Kilis, Turkey, 19 - 20 March 2016, pp.887-892
- XXXI. **Analysing and Modelling of Academic Collaboration of Turkey**  
İNCE K., KARCI A.  
International Conference On Natural Science and Engineering, Kilis, Turkey, 19 - 20 March 2016, pp.2772-2776
- XXXII. **Web Tabanlı Kent Bilgi Sistemi Tasarımı**  
İNCE K., KARCI A., FIRAT M., DURSUN Ö. F., TALU M. F., AYDOĞDU M.  
7. Kentsel Altyapı Sempozyumu, Malatya, Turkey, 13 - 14 November 2015, pp.1
- XXXIII. **A Novel Approach for Image Compression Based on Multi-level Image Thresholding using Discrete Wavelet Transform and Cricket Algorithm**  
Canayaz M., KARCI A.  
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.224-227
- XXXIV. **Towards Association Rule Hiding Heuristics vs Border-based Approaches**  
Farea A., KARCI A.  
9th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 26 - 28 November 2015, pp.1173-1178
- XXXV. **A Novel Routing Protocol based on EM-L Algorithm for Energy Efficiency of Wireless Sensor Networks**  
Özdağ R., KARCI A.  
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.871-874
- XXXVI. **Applications of Association Rules Hiding Heuristic Approaches**  
Farea A., KARCI A.  
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.2650-2653
- XXXVII. **Parallel Implementation of Genetic Algorithm on Multi Core PCs**  
İNCE K., KARCI A.  
International Conference on Electronics Computer and Computation ICECCO 2012, 15 - 19 November 2012

- XXXVIII. **Segmentation of color texture images with artificial bee colony algorithm and wavelet transform**  
**Dalgacık dönüşümü ve yapay ari koloni algoritması ile renkli doku görüntüleri nin bölütlenmesi**  
Hanbay K., TALU M. F., KARCI A.  
2012 20th Signal Processing and Communications Applications Conference, SIU 2012, Fethiye, Mugla, Turkey, 18 - 20 April 2012
- XXXIX. **Modeling the Relations between Countries with Graph Theory and Possible Separations**  
Sulu M., KARCI A., İÇEN İ.  
9th International Conference on Electronics Computer and Computation (ICECCO 2012), Ankara, Turkey, 1 - 03 November 2012, pp.141-145
- XL. **Parallel Implementation of Genetic Algorithms on Multi-Core PCs**  
İNCE K., KARCI A.  
9th International Conference on Electronics Computer and Computation (ICECCO 2012), Ankara, Turkey, 1 - 03 November 2012, pp.275-278
- XLI. **Biyolojik Dizilerde Graf Tabanlı Örüntü Keşfi**  
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## Metrics

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