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Biography

Ahmet Sayar received M.Sc. in Computer Science (2001) from Syracuse University and PhD in Computer Science (2009) from Indiana University, USA. Prior to his graduate studies he has worked as a system analyst at Istanbul Natural Gas Distribution Company (IGDAS) for two and half years. He has also worked at Los Alamos National Laboratory (New Mexico, USA) and Community Grids Laboratory (Indiana, USA) as a researcher, during or after his graduate studies. In 2009, he came back to Turkey and was employed as an Asst. Prof. Dr. at Computer Engineering Department at Kocaeli University. He was a Member of Board of Directors at Kocaeli University Institute of Science and Technology from 2016 to 2019. He was a Member of Advisory Committee, TÜBİTAK (The Scientific And Technological Research Council Of Turkey), Technology and Innovation Support Programs Presidency (TEYDEB), Bilteç in 2017 and 2018. He is a member of Decision and Evaluation Board for R & D, Innovation and Industrial Application Support Program in Scientific and Technological Research Council of KOSGEB. Ahmet Sayar is currently an Assoc. Professor at Computer Engineering Department at Kocaeli University in Turkey. He is also the Head of Student Affairs in the same university. He is an associate editor for several journals.

His current research interests include Distributed Systems, Big Data, Data-Intensive Computing, Geographic Information Systems (GIS) and Exploratory Data Analysis (EDA). He has (co-)authored 1 book 15 book chapters and around 150 papers.

Education Information

- I. Doctorate, Indiana University Bloomington, School Of Informatics, Computer Science, Bilgisayar Bilimleri (Computer Science), United States Of America 2001 - 2009
- II. Postgraduate, Syracuse University, L.C. Smith College Of Engineering, Computer Science, Bilgisayar Bilimleri (Computer Science), United States Of America 1999 - 2001
- III. Undergraduate, Istanbul Technical University, İşletme Fakültesi, İşletme Mühendisliği Anabilimdalı, Turkey 1991 - 1995

Foreign Languages

- I. German, B1 Intermediate
- II. English, C1 Advanced

Research Areas

Geographic Information Systems, Earth Observations (Remote Sensing), Computer Sciences, algorithms, Performance Modelling and Evaluation, Distributed Systems, Parallel Algorithms, Database and Data Structures, Knowledge Engineering, Text/Document Processing, Pattern Recognition and Image Processing, Programming Languages

Academic Titles / Tasks

- I. Professor, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2021 - Continues
- II. Associate Professor, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2016 - 2021
- III. Assistant Professor, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2010 - 2015
- IV. Research Assistant PhD, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2009 - 2010
- V. Research Assistant, Indiana University Bloomington, Arts And Sciences, Computer Science, 2002 - 2009

Academic and Administrative Experience

- I. Head of Department, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2021 - Continues
- II. Rectorate Commissioner, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2021 - Continues
- III. Coordinator of The Rectorate, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2021 - Continues
- IV. Head of Department, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2020 - Continues
- V. Birim Kalite Komisyonu Üyesi, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2020 - Continues
- VI. Bölüm Kalite Komisyonu Başkanı, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2020 - Continues
- VII. Rektörlük Kalite Komisyonu Üyesi, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2020 - Continues
- VIII. Member of IT Commission, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2019 - Continues
- IX. Rectorate Commissioner, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2019 - Continues
- X. Kocaeli Üniversitesi, Öğrenci İşleri, 2019 - Continues
- XI. Academic Performance D. Board Member, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2019 - 2020
- XII. Academic Performance D. Board Member, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2018 - 2019
- XIII. Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2018 - 2019
- XIV. Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, 2016 - 2019
- XV. Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği Anabilim Dalı, 2016 - 2019
- XVI. Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2017 - 2018
- XVII. Kocaeli Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2010 - 2015
- XVIII. Kocaeli Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2009 - 2015

Courses

- I. Research Problems (2), Undergraduate
- II. Automata Theory (1), Undergraduate
- III. Object Oriented Programming (2), Undergraduate
- IV. Automata Theory (2), Undergraduate
- V. Graduate Project (1), Undergraduate
- VI. Yüksek Lisans Seminer, Postgraduate
- VII. Graduation Project (2), Undergraduate
- VIII. Uzmanlık Alan Dersi, Postgraduate
- IX. Uzmanlık Alan Dersi, Doctorate
- X. Software Labı I, Undergraduate
- XI. Research Problems (1), Undergraduate
- XII. Object Oriented Programming (1), Undergraduate
- XIII. Software Lab II, Undergraduate

- XIV. Distributed Systems, Doctorate
- XV. Dağıtık Sistemler, Postgraduate
- XVI. Introduction to Distributed Systems (2), Undergraduate
- XVII. Introduction to Distributed Systems (1), Undergraduate
- XVIII. Algorithm Analysis (1), Undergraduate
- XIX. Algorithm Analysis (2), Undergraduate
- XX. Programming Lab II, Undergraduate
- XXI. Algorithm Design and Analysis, Postgraduate
- XXII. Java Programlming (USD), Undergraduate
- XXIII. Java Programming (1), Undergraduate
- XXIV. Principles of Programming Languages (1), Undergraduate
- XXV. Principles of Programming Languages (2), Undergraduate
- XXVI. Computer Lab - I, Undergraduate
- XXVII. Computer Graphics (2), Undergraduate
- XXVIII. Computer Graphics (1), Undergraduate
- XXIX. Advanced Databases (1), Undergraduate
- XXX. Advanced DatabasesI (2), Undergraduate
- XXXI. Computer Lab II, Undergraduate
- XXXII. Advanced Computer Graphics, Postgraduate
- XXXIII. İş hayatında İngilizce (1.öğr), Undergraduate
- XXXIV. İş Hayatında İngilizce (2.öğr), Undergraduate
- XXXV. Java Programming (2), Undergraduate

Advising Theses

- I. Sayar A., Blokzincirin Tedarik Zincirinde Kullanımı İçin Taslak Bir Mimari, Postgraduate, Y.DİKİLİTAŞ(Student), 2021
- II. Sayar A., İşbirlikçi mikroservisler ile gerçek zamanlı video görüntüleri üzerinde çok değişkenli filtreleme: akıllı trafik sistemleri uygulaması, Doctorate, S.KUL(Student), 2021
- III. Sayar A., NESNELERİN İNTERNETİ VERİLERİNİN GÜVENLİ BİR ŞEKİLDE BLOKZİNCİR AĞLARINA AKTARIMI, Postgraduate, K.ONUR(Student), 2021
- IV. Sayar A., Dijital pdf dokümanlardan biçim tanıma ve farklı içeriklere giydirme: Özgeçmişler üzerinde durum çalışması, Postgraduate, A.KANTARCI(Student), 2020
- V. Sayar A., GEZİNGE (TRAJECTORY) VERİLERİNİN BENZERLİK ANALİZLERİ VE KULLANIM ALANLARI AÇISINDAN DEĞERLENDİRİLMESİ, Postgraduate, A.ULU(Student), 2019
- VI. Sayar A., Uydu Görüntüleri Üzerinde Eşle/İndirge (Mapreduce) Yöntemine Dayalı Dağıtık Hesaplama İle Yüksek Başarılı Nesne Çıkarım Mimarisi, Doctorate, S.Eken(Student), 2018
- VII. SAYAR A., Hadoop Eşle/İndirge Mimarisi Kullanılarak Görüntülerin En Uzun Ortak Alt Dizi Algoritması ile Örülmesi, Postgraduate, E.Yücer(Student), 2018
- VIII. SAYAR A., Makine Öğrenmesi Yöntemiyle Otel Öneri Sistemi”, Yüksek Lisans Tezi, Kocaeli Üniversitesi, Postgraduate, N.Turdaliyev(Student), 2018
- IX. SAYAR A., Akıllı Trafik Sistemleri İçin, Gerçek Zamanlı Mobese Görüntülerinin Konu Tabanlı Yönlendirilmesi, Postgraduate, İ.Tashiev(Student), 2017
- X. SAYAR A., Akan video görüntüleri üzerinden, dağıtık, işbirlikçi ve gerçek zamanlı araç tanıma ve boyutlarına göre sınıflandırma sistemi, Postgraduate, S.Kul(Student), 2017
- XI. SAYAR A., Uydu Mozaik Görüntülerin Örülmesi Ve Nesne Çıkarımı İçin Donanıma Bağlı Adaptif Yaklaşım, Postgraduate, Ü.Mert(Student), 2017
- XII. SAYAR A., İnsansız Kara Araçlarında 2D Lidar kullanarak Yol Sınırlarının Belirlenmesi, Postgraduate, Ö.Yalçın(Student), 2014

- XIII. SAYAR A., Hadoop Tabanlı Büyük Ölçekli Görüntü İşleme Altyapısı, Postgraduate, İ.Demir(Student), 2012
- XIV. SAYAR A., Dağıtık Sistemler İçin Ada Uydu Görüntülerinin Vektörel Modellenmesi ve Zaman-Mekansal Analizi, Postgraduate, S.Eken(Student), 2012
- XV. SAYAR A., Görüntü Sıkıştırma ve İnternet Üzerinden Güvenli Aktarım Sistemi", Yüksek Lisans Tezi, Kocaeli Üniversitesi, Postgraduate, K.İmamoğlu(Student), 2011
- XVI. SAYAR A., Eşle/İndirge Yaklaşımı İle Büyük Görüntüleri Örme Mimarısı", Yüksek Lisans Tezi, Kocaeli Üniversitesi, Postgraduate, H.Sarı(Student), 2007

Jury Memberships

- I. Associate Professor Exam, Associate Professor Exam, Kocaeli Üniversitesi, December, 2021
- II. Appointment Academic Staff, Appointment Academic Staff, Kocaeli Üniversitesi, September, 2021
- III. Doctorate, Doctorate, Karadeniz Teknik Üniversitesi, September, 2021
- IV. Associate Professor Exam, Associate Professor Exam, Kocaeli Üniversitesi, August, 2021
- V. Associate Professor Exam, Associate Professor Exam, Kocaeli Üniversitesi, August, 2021
- VI. Doctoral Examination, Doctoral Examination, Sakarya Üniversitesi, July, 2021
- VII. Doctoral Examination, Doctoral Examination, Kocaeli Üniversitesi, July, 2021
- VIII. Appointment Academic Staff, Appointment Academic Staff, Kocaeli Üniversitesi, June, 2021
- IX. Appointment Academic Staff, Appointment Academic Staff, Ege Üniversitesi, March, 2021
- X. Appointment Academic Staff, Appointment Academic Staff, Ege Üniversitesi, March, 2021
- XI. Appointment Academic Staff, Appointment Academic Staff, Ege Üniversitesi, March, 2021
- XII. Appointment Academic Staff, Appointment Academic Staff, Ege Üniversitesi, March, 2021
- XIII. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, December, 2020
- XIV. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, September, 2020
- XV. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, August, 2020
- XVI. Doctoral Examination, Doctoral Examination, Kocaeli Üniversitesi, June, 2020
- XVII. Doctoral Examination, Doctoral Examination, Kocaeli Üniversitesi, June, 2020
- XVIII. Post Graduate, Post Graduate, Kocaeli Üniversitesi, February, 2020
- XIX. Post Graduate, Post Graduate, Kocaeli Üniversitesi, February, 2020
- XX. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2019
- XXI. Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2019
- XXII. Post Graduate, Post Graduate, Kocaeli Üniversitesi, May, 2019
- XXIII. Competition, Yılın Bilim İnsanı - Genç Bilim İnsanı Seçici Kurul Üyeliği, Bilim Kahramanları Derneği , April, 2019
- XXIV. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, January, 2019
- XXV. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, December, 2018
- XXVI. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, December, 2018
- XXVII. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2018
- XXVIII. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2018
- XXIX. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2018

- XXX. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, April, 2018
- XXXI. Competition, Bilim Kahramanları Derneği, 2018 Yılın Bilim İnsanı - Genç Bilim İnsanı , Kocaeli University, March, 2018
- XXXII. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, December, 2017
- XXXIII. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, December, 2017
- XXXIV. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, December, 2017
- XXXV. Appointment Academic Staff, Appointment Academic Staff, Alanya Hamdullah Emin Paşa Üniversitesi, August, 2017
- XXXVI. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2017
- XXXVII. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2017
- XXXVIII. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2017
- XXXIX. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, May, 2017
- XL. Competition, Mehmet Ali Kağıtçı Yenilikçi Tasarımlar Proje Yarışması, Mehmet Ali Kağıtçı Vakfı ve Kocaeli Bilişim Fuarı, May, 2017
- XLI. Competition, Mehmet Ali Kağıtçı Yenilikçi Tasarımlar Proje Yarışması , Kocaeli University, April, 2017
- XLII. Appointment Academic Staff, Appointment Academic Staff, Ondokuz Mayıs Üniversitesi, February, 2017
- XLIII. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, February, 2017
- XLIV. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, February, 2017
- XLV. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, January, 2017
- XLVI. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, January, 2017
- XLVII. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, July, 2016
- XLVIII. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2016
- XLIX. Post Graduate, Yüksek Lisans Tez Savunması, Yıldız Teknik Üniversitesi, January, 2016
- L. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2015
- LI. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, December, 2014
- LII. Competition, Elektrik Mühendisleri Odası (EMO) Ulusal öğrenci yarışmasında jüri üyeliği, Elektrik Mühendisleri Odası (EMO) Öğrenci Proje Yarışması, June, 2011
- LIII. Competition, Ulusal öğrenci yarışmasında jüri üyeliği, June, 2011

Research Infrastructure Information

- I. Sayar A., Bigdata and Distributed Systems Laboratory, July 2021
- II. Sayar A., Görüntü İşleme Laboratuvarı, January 2012

- I. **Figure search by text in large scale digital document collections**
Yurtsever M. M. E. , Ozcan M., Taruz Z., EKEN S., SAYAR A.
CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, vol.34, no.1, 2022 (Journal Indexed in SCI)
- II. **Multimodel anomaly detection on spatio-temporal logistic datastream with open anomaly detection architecture**
Oktay T., Yogurtcuoglu E., Sarikaya R. N. , KARACA A. C. , Komurcu M. F. , SAYAR A.
EXPERT SYSTEMS WITH APPLICATIONS, vol.186, 2021 (Journal Indexed in SCI)
- III. **Image-based locating and guiding for unmanned aerial vehicles using scale invariant feature transform, speeded-up robust features, and oriented fast and rotated brief algorithms**
Bal B., Erdem T., Kul S., SAYAR A.
CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, 2021 (Journal Indexed in SCI)
- IV. **A MapReduce-based distributed and scalable framework for stitching of satellite mosaic images**
EKEN S., SAYAR A.
ARABIAN JOURNAL OF GEOSCIENCES, vol.14, no.18, 2021 (Journal Indexed in SCI)
- V. **Event-Based Microservices With Apache Kafka Streams: A Real-Time Vehicle Detection System Based on Type, Color, and Speed Attributes**
KUL S., Tashiev I., Sentas A., SAYAR A.
IEEE ACCESS, vol.9, pp.83137-83148, 2021 (Journal Indexed in SCI)
- VI. **A reproducible educational plan to teach mini autonomous race car programming**
EKEN S., Şara M., Satılmış Y., Karşlı M., Tufan M. F. , Menhour H., SAYAR A.
International Journal of Electrical Engineering Education, vol.57, no.4, pp.340-360, 2020 (Journal Indexed in SCI Expanded)
- VII. **Image-processing-based tool for carbide dissolution analysis in bearing steels**
Gezmişoğlu A. E. , EKEN S., SAYAR A., ERİŞİR E.
EMERGING MATERIALS RESEARCH, vol.9, no.1, pp.31-36, 2020 (Journal Indexed in SCI)
- VIII. **Resource- and content-aware, scalable stitching framework for remote sensing images**
EKEN S., MERT U., Kosunalp S., SAYAR A.
ARABIAN JOURNAL OF GEOSCIENCES, vol.12, no.6, 2019 (Journal Indexed in SCI)
- IX. **A MapReduce-Based Big Spatial Data Framework for Solving the Problem of Covering a Polygon with Orthogonal Rectangles**
EKEN S., SAYAR A.
TEHNICKI VJESNIK-TECHNICAL GAZETTE, vol.26, no.1, pp.36-42, 2019 (Journal Indexed in SCI)
- X. **Idle Time Estimation for Bandwidth-Efficient Synchronization in Replicated Distributed File System**
GULAGIZ F., EKEN S., KAVAK A., SAYAR A.
INTERNATIONAL ARAB JOURNAL OF INFORMATION TECHNOLOGY, vol.15, no.2, pp.177-185, 2018 (Journal Indexed in SCI)
- XI. **A Framework for Recognition and Animation of Chess Moves Printed on a Chess Book**
EKEN S., KARABAS A., SARI H., SAYAR A.
INTERNATIONAL ARAB JOURNAL OF INFORMATION TECHNOLOGY, vol.15, no.1, pp.29-36, 2018 (Journal Indexed in SCI)
- XII. **Distributed and collaborative real-time vehicle detection and classification over the video streams**
KUL S., EKEN S., SAYAR A.
INTERNATIONAL JOURNAL OF ADVANCED ROBOTIC SYSTEMS, vol.14, no.4, 2017 (Journal Indexed in SCI)
- XIII. **A distributed map animation framework for spatiotemporal datasets**
SAYAR A.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.24, no.2, pp.683-694, 2016 (Journal Indexed in SCI)
- XIV. **Ant-based interactive workflow management: a case study on RMI**

Sayar A.

INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS, vol.28, no.7, pp.1329-1339, 2015 (Journal Indexed in SCI)

- XV. **An automated technique to determine spatio-temporal changes in satellite island images with vectorization and spatial queries**
EKEN S., SAYAR A.
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.40, no.1, pp.121-137, 2015 (Journal Indexed in SCI)
- XVI. **Kd-tree and quad-tree decompositions for declustering of 2D range queries over uncertain space**
SAYAR A., EKEN S., OZTURK O.
FRONTIERS OF INFORMATION TECHNOLOGY & ELECTRONIC ENGINEERING, vol.16, no.2, pp.98-108, 2015 (Journal Indexed in SCI)
- XVII. **Hadoop optimization for massive image processing: Case study face detection**
Demir I., SAYAR A.
International Journal of Computers, Communications and Control, vol.9, no.6, pp.664-671, 2014 (Journal Indexed in SCI)
- XVIII. **The performance of BALISTIKA 2010 system for 9 mm x 19 mm and 7.65 mm x 17 mm cartridge case correlation**
Ogunc G. I. , Oralli A., Kara H., Sayar A., Sakarya U., Arican Y. E.
FORENSIC SCIENCE INTERNATIONAL, vol.232, pp.104-110, 2013 (Journal Indexed in SCI)
- XIX. **Adaptive proxy map server for efficient vector spatial data rendering**
Sayar A.
JOURNAL OF APPLIED REMOTE SENSING, vol.7, 2013 (Journal Indexed in SCI)
- XX. **An Adaptive Range query Optimization Technique with Distributed Replicas**
SAYAR A., MARLON P., GEOFFREY F.
Journal Of Central South University Of Technology, vol.21, pp.190-198, 2013 (Journal Indexed in SCI Expanded)
- XXI. **Algorithms and the Grid**
Fox G. C. , Aktas M. S. , Aydin G., Gadgil H., Pallickara S., Pierce M. E. , Sayar A.
Computing and Visualization in Science, vol.12, no.3, pp.115-124, 2009 (Journal Indexed in SCI)
- XXII. **Building and applying geographical information system Grids**
Aydin G., Sayar A., Gadgil H., Aktas M. S. , Fox G. C. , Ko S., Bulut H., Pierce M. E.
CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, vol.20, no.14, pp.1653-1695, 2008 (Journal Indexed in SCI)
- XXIII. **The QuakeSim project: Web services for managing geophysical data and applications**
Pierce M. E. , Fox G. C. , Aktas M. S. , Aydin G., Gadgil H., Qi Z., Sayar A.
PURE AND APPLIED GEOPHYSICS, vol.165, pp.635-651, 2008 (Journal Indexed in SCI)
- XXIV. **ISERVO: Implementing the International Solid Earth Research Virtual Observatory by integrating computational grid and geographical information Web Services**
Aktas M., Aydin G., Donnellan A., Fox G., Granat R., Grant L., Lyzenga G., McLeod D., Pallickara S., Parker J., et al.
PURE AND APPLIED GEOPHYSICS, vol.163, pp.2281-2296, 2006 (Journal Indexed in SCI)
- XXV. **Grids for real time data applications**
Fox G. C. , Aktas M. S. , Aydin G., Bulut H., Gadgil H., Oh S., Pallickara S., Pierce M. E. , Sayar A., Zhai G.
PARALLEL PROCESSING AND APPLIED MATHEMATICS, vol.3911, pp.320-332, 2006 (Journal Indexed in SCI)

Articles Published in Other Journals

I. **Multi-Class Document Image Classification using Deep Visual and Textual Features**

Sevim S., Ekinci E., İLHAN OMURCA S., Edinc E. B. , EKEN S., Erdem T., SAYAR A.

INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE AND APPLICATIONS, 2022 (Journal Indexed in

ESCI)

- II. **Current Research Areas in Blockchain**
DİKİLİTAŞ Y., Toka K. O. , SAYAR A.
European Journal of Science and Technology, vol.26, 2021 (Refereed Journals of Other Institutions)
- III. **Yapay Sinir Ağları, Destek Vektör Makineleri ve AdaBoost Algoritması ile Araç Sınıflandırmasının Değerlendirilmesi**
KUL S., SAYAR A.
European Journal of Science and Technology, vol.29, pp.299-303, 2021 (Refereed Journals of Other Institutions)
- IV. **Performance evaluation of support vector machine and convolutional neural network algorithms in real-time vehicle type and color classification**
Şentaş A., Tashiev I., Küçükayvaz F., KUL S., EKEN S., SAYAR A., BECERİKLİ Y.
Evolutionary Intelligence, vol.13, no.1, pp.83-91, 2020 (Journal Indexed in ESCI)
- V. **Performance Evaluation of Support Vector Machine and Convolutional Neural Network Algorithms in Real-time Vehicle Type Classification**
Şentaş A., Tashiev I., Küçükayvaz F., Kul S., Eken S., Sayar A., Becerikli Y.
Evolutionary Intelligence Journal, vol.13, pp.83-91, 2020 (Journal Indexed in ESCI)
- VI. **Automatic Structure Recognition on Digital Documents and Adapting to Different Contents: Case Study on Resumes**
Kantarci A., EKEN S., SAYAR A.
European Journal of Science Technology, vol.13, no.17, pp.1313-1324, 2019 (Refereed Journals of Other Institutions)
- VII. **Dna Dizilerinin Benzetim Yolu İle Karşılaştırılması - Comparison of DNA Sequences Using Simulation**
CANTEKİN Ç., SAYAR A., ULU A.
Veri Bilimi Dergisi, vol.1, pp.15-19, 2018 (Other Refereed National Journals)
- VIII. **The cloned cartridge case correlation performance of a computerized ballistic identification systems**
Ogunc G. I. , Sakarya U., Oralli A., Sayar A., Yilmaz A., Usta S.
AFTE Journal, vol.50, no.4, pp.221-229, 2018 (Refereed Journals of Other Institutions)
- IX. **DocDig: Dijitalleştirilmiş Dokümanlarda İçerik Tabanlı Figür Arama**
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- II. EKEN S., SOLAK S., SAYAR A., Project Supported by Higher Education Institutions, Bebek Videolarındaki Bebeklerin Beden Dilini OpenPose Tabanlı Gerçek Zamanlı Çözme, 2020 - 2021
- III. Sayar A., Erten K., Çakır M., Sarı P., TUBITAK Project, Nesnelerin İnterneti Altyapılarının (IoT) Blokzincir Entegrasyonu, 2020 - 2021
- IV. Sayar A., Orhan M. G. , TUBITAK Project, Derin Öğrenme ile sanal terazi, 2020 - 2021
- V. Sayar A., Balbars A., Şenel A. İ. , TUBITAK Project, Trafik Gözetleme Kameralarından Görüntü İşleme ile Kaza Anında Araç Hız Tespiti, 2020 - 2021
- VI. Sayar A., Kurt A., Çelik O., Güler O., TUBITAK Project, İnsan Kaynaklarında Doğru İşe Doğru Personel Bulma Otomasyonu, 2020 - 2021
- VII. Sayar A., Odacı A. E. , Abdi Y., Hutoğlu T., TUBITAK Project, IHA'lar Üzerindeki Tek Kamera Görüntüsünden Nesne Boyut Tahmini, 2020 - 2021
- VIII. Sayar A., Eken A., Yıldız F., Oğuz M., Mutlu Ş. N. , TUBITAK Project, Gerçek Zamanlı Akan Lojistik Verileri Kullanılarak Güzergah Takibi ve Sürücü Davranış Kalıpları Kapsamında Yasal Olmayan Durum ve Sürücülerin Tespiti, 2020 - 2021
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- XI. SAYAR A., Ar-Ge Çalışması Faaliyetleri, 2020 - 2021
- XII. BECERİKLİ Y., SAYAR A., KIR SAVAŞ B., KUL S., AKDENİZ F., MADADUM H., Project Supported by Higher Education Institutions, 2019-GÖRÜNTÜ İŞLEME VE BİLGİSAYAR GÖRMESİ ARGE LABORATUVARI, 2019 - 2020
- XIII. Eken S., Sayar A., Project Supported by Higher Education Institutions, CUDA destekli grafik işlem birimi üzerinde Yapay Alg algoritmasının paralelleştirilmesi (KOÜ BAP), 2019 - 2020
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- XV. Sayar A., Yurtsever M. E. , Taruz Z., Özcan M., TUBITAK Project, Dijital Dokümanlar Üzerinde Metin ile İmge Arama, 2019 - 2020

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- XXVI. Sayar A., Satılmış Y., Karşlı M., TUBITAK Project, Görme ve Duyma Engelli Bireylerin Birbirleri ile İletişimi, 2018 - 2019
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- XXIX. Sayar A., Polat H. M. , Özer M. E. , Sertel K., Yılmaz S. T. , TUBITAK Project, Akıllı Telefon ile Nesne Arama, 2017 - 2018
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- XXXIX. Other Supported Projects, QuakeSim, 2005 - 2009
- XL. Other Supported Projects, Service Oriented Architecture for Energy Simulations Software, 2005 - 2008
- XLI. Other Supported Projects, ServoGrid Solid Earth Research Virtual Observatory, 2003 - 2006

- I. International Journal of Computer Engineering Research, Editor, 2018 - Continues
- II. American Journal of Engineering and Applied Sciences, Assistant Editor, 2017 - Continues
- III. Journal of Mechatronics and Robotics, Assistant Editor, 2017 - Continues
- IV. Journal of Aircraft and Spacecraft Technology, Assistant Editor, 2017 - Continues
- V. Journal of Geography, Environment and Earth Science International, Editor, 2017 - Continues
- VI. Kocaeli Journal of Science and Engineering, Assistant Editor, 2017 - Continues
- VII. Turkish Journal of Electrical Engineering and Computer Science, Special Issue Editor, 2015 - 2015
- VIII. Turkish Journal of Electrical Engineering and Computer Science, Special Issue Editor, 2012 - 2012

Memberships / Tasks in Scientific Organizations

- I. TÜBİTAK Bilteç Yürütme Kurulu Üyesi, Executive Board Member, 2021 - Continues, Turkey
- II. KOSGEB, Member of Science Committee, 2016 - Continues
- III. Türkiye Cumhuriyeti Cumhurbaşkanlığı BTYPK Büyük Veri ve Bulut Bilişim Teknoloji Yol Haritası (TYH) Danışma Kurulu, Member of Advisory Board, 2021 - 2022, Turkey
- IV. Kocaeli Üniversitesi Fen Bilimleri Enstitüsü , Board Member, 2016 - 2019, Turkey
- V. Tübitak Teydeb Bilteç danışma kurulu üyeliği, Member of Advisory Board, 2017 - 2018

Scientific Refereeing

- I. 13th International Conference on Electrical and Electronics Engineering - Elektrik, Elektronik ve Biyomedikal Mühendisliği Konferansı, Conference Paper (Full Text), November 2021
- II. Project Supported by Higher Education Institutions, BAP Research Project, Sakarya University, Turkey, November 2021
- III. 29. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SIU 2021), Conference Paper (Full Text), October 2021
- IV. CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, SCI Journal, October 2021
- V. Akıllı Sistemlerde Yenilikler ve Uygulamaları Konferansı (ASYU 2021), Conference Paper (Full Text), October 2021
- VI. CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, SCI Journal, October 2021
- VII. Innovations in Intelligent Systems and Applications Conference (ASYU 2021), Conference Paper (Full Text), October 2021
- VIII. 8th Annual International Conference on Information Technology and Applications [ITA 2021], Conference Paper (Full Text), September 2021
- IX. International Symposium on INnovations in Intelligent SysTems and Applications, (INISTA 2021), Conference Paper (Full Text), August 2021
- X. TUBITAK Project, 1501 - Industry R & D Projects Support Program, Kocaeli University, Turkey, August 2021
- XI. EXPERT SYSTEMS, SCI Journal, July 2021
- XII. Project Supported by Higher Education Institutions, BAP Research Project, Istanbul Technical University, Turkey, May 2021
- XIII. Doors 2021 Edge Computing Workshop, Conference Paper (Full Text), April 2021
- XIV. Project Supported by Higher Education Institutions, BAP Research Project, Sakarya University, Turkey, April 2021
- XV. TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Kocaeli University, Turkey, March 2021
- XVI. TUBITAK Project, 2237 - Program for Supporting Project Training Activities, Kocaeli University, Turkey, March 2021
- XVII. CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, Journal Indexed in SCI-E, February 2021
- XVIII. CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, SCI Journal, February 2021
- XIX. CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, SCI Journal, February 2021
- XX. Project Supported by Higher Education Institutions, BAP Research Project, Izmir Katip Celebi University, Turkey, February 2021

- XXI. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Kocaeli University, Turkey, December 2020
- XXII. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Kocaeli University, Turkey, December 2020
- XXIII. 28. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SIU 2020), Conference Paper (Full Text), October 2020
- XXIV. Innovations in Intelligent Systems and Applications Conference (ASYU 2020), Conference Paper (Full Text), October 2020
- XXV. TUBITAK Project, 1002 - Quick Support Program, Kocaeli University, Turkey, October 2020
- XXVI. TUBITAK Project, 1509 - TÜBİTAK International Industry R&D Projects Support Program, Kocaeli University, Turkey, September 2020
- XXVII. KOSGEB, Kocaeli University, Turkey, August 2020
- XXVIII. IEEE ACCESS, Journal Indexed in SCI-E, July 2020
- XXIX. Technopark, Kocaeli University, Turkey, July 2020
- XXX. TUBITAK Project, 1501 - Industry R & D Projects Support Program, Kocaeli University, Turkey, June 2020
- XXXI. TUBITAK Project, 1501 - Industry R & D Projects Support Program, Kocaeli University, Turkey, February 2020
- XXXII. Technopark, Kocaeli University, Turkey, February 2020
- XXXIII. TUBITAK Project, 1501 - Industry R & D Projects Support Program, Kocaeli University, Turkey, February 2020
- XXXIV. EXPERT SYSTEMS, Journal Indexed in SCI-E, January 2020
- XXXV. TUBITAK Project, 1501 - Industry R & D Projects Support Program, Kocaeli University, Turkey, January 2020
- XXXVI. TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Kocaeli University, Turkey, January 2020
- XXXVII. TUBITAK Project, 1501 - Industry R & D Projects Support Program, Kocaeli University, Turkey, January 2020
- XXXVIII. TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Kocaeli University, Turkey, November 2019
- XXXIX. TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Kocaeli University, Turkey, November 2019
- XL. TUBITAK Project, 1501 - Industry R & D Projects Support Program, Kocaeli University, Turkey, September 2019
- XLI. Technopark, Kocaeli University, Turkey, September 2019
- XLII. KOSGEB, Kocaeli University, Turkey, September 2019
- XLIII. TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Kocaeli University, Turkey, September 2019
- XLIV. Technopark, Kocaeli University, Turkey, August 2019
- XLV. TUBITAK Project, SAYEM FAZ I, Kocaeli University, Turkey, July 2019
- XLVI. Technopark, Kocaeli University, Turkey, January 2019
- XLVII. Technopark, Kocaeli University, Turkey, January 2019
- XLVIII. TUBITAK Project, 3501 - National Young Researcher Career Development Program, Dr. Öğretim Üyesi Ahmet Şakir Dokuz, Turkey, June 2018
- XLIX. Technopark, Yonca Bilişim Teknolojileri Ltd. Şti., Turkey, April 2018
- L. Project Supported by Other Official Institutions, Kocaeli University, Turkey, February 2018
- LI. Project Supported by Other Official Institutions, Kocaeli University, Turkey, February 2018
- LII. Project Supported by Other Official Institutions, Kocaeli University, Turkey, January 2018
- LIII. EU Supported Other Project, ITEA-3 Kümesi 4. Çağrısı (Eureka), Turkey, November 2017
- LIV. EU Supported Other Project, ITEA-3 Kümesi 4. Çağrısı (Eureka), Turkey, November 2017
- LV. TUBITAK Project, 1509 - TÜBİTAK International Industry R&D Projects Support Program, Kocaeli University, Turkey, November 2017
- LVI. Project Supported by Other Official Institutions, Kocaeli University, Turkey, November 2017
- LVII. Project Supported by Other Official Institutions, Kocaeli University, Turkey, October 2017
- LVIII. Project Supported by Other Official Institutions, Kocaeli University, Turkey, August 2017
- LIX. Journal Of Computer Science, Other Indexed Journal, April 2017
- LX. Project Supported by Other Official Institutions, Kocaeli University, Turkey, February 2017
- LXI. Journal of Global Ecology and Environment, Other Indexed Journal, December 2016
- LXII. Project Supported by Other Official Institutions, Kocaeli University, Turkey, November 2016
- LXIII. International Journal Of Computer Engineering Research, Other Indexed Journal, October 2016
- LXIV. Technopark, EDS Bilişim Sistemleri Sanayi ve Dış Ticaret Limited Şirketi,, Turkey, October 2016
- LXV. Technopark, Exastax Bilgi Teknolojileri San. Ve Tic. AŞ., Turkey, September 2016

- LXVI. Asian Journal of Agricultural Extension, Economics & Sociology, Other Indexed Journal, August 2016
- LXVII. British Journal Of Education, Society & Behavioural Science, Other Indexed Journal, August 2016
- LXVIII. Journal Of Geography, Environment And Earth Science International, Other Indexed Journal, July 2016
- LXIX. Journal of Global Ecology and Environment, Other Indexed Journal, June 2016
- LXX. TUBITAK Project, 3001 - Initial R&D Projects Support Program, Kocaeli University, Turkey, June 2016
- LXXI. Journal Of Geography, Environment And Earth Science International, Other Indexed Journal, April 2016
- LXXII. 8. British Journal of Economics, Management and Trade, Other Indexed Journal, March 2016
- LXXIII. Journal of Geography and Regional Planning , Other Indexed Journal, March 2016
- LXXIV. British Journal of Economics, Management and Trade, Other Indexed Journal, March 2016
- LXXV. International Journal Of Physical Sciences, Other Indexed Journal, February 2016
- LXXVI. ENTERPRISE INFORMATION SYSTEMS, SCI Journal, February 2016
- LXXVII. Journal Of Geography, Environment And Earth Science International, Other Indexed Journal, February 2016
- LXXVIII. 24. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SIU 2016), Conference Paper (Full Text), February 2016
- LXXIX. Journal Of Geography, Environment And Earth Science International, Other Indexed Journal, January 2016
- LXXX. ENTERPRISE INFORMATION SYSTEMS, SCI Journal, January 2016
- LXXXI. KNOWLEDGE-BASED SYSTEMS, SCI Journal, September 2015
- LXXXII. Advances In Research, Other Indexed Journal, June 2015
- LXXXIII. Asian Journal Of Mathematics And Computer Research , Other Indexed Journal, June 2015
- LXXXIV. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Kocaeli University, Turkey, December 2012
- LXXXV. TUBITAK Project, 1509 - TÜBİTAK International Industry R&D Projects Support Program, Kocaeli University, Turkey, June 2012
- LXXXVI. JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE B, Journal Indexed in SCI-E, June 2008
- LXXXVII. Journal of Wireless Communication and Mobile Computing, Other Indexed Journal, January 2007

Scientific Consultations

- I. ArGeLabs, Project Consultancy, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey, 2021 - Continues
- II. TÜBİTAK, Project Consultancy, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey, 2020 - 2021
- III. TÜBİTAK, Project Consultancy, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey, 2020 - 2021
- IV. TÜBİTAK, Project Consultancy, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey, 2020 - 2021
- V. TÜBİTAK, Project Consultancy, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey, 2020 - 2021
- VI. TÜBİTAK, Project Consultancy, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey, 2020 - 2021
- VII. TÜBİTAK, Project Consultancy, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey, 2020 - 2021

Tasks In Event Organizations

- I. Sayar A., Cumhurbaşkanlığı Büyük Veri ve Bulut Bilişim Teknoloji Yol Haritası çalıştay, Workshop Organization, Ankara, Turkey, Mayıs 2021

Metrics

Publication: 187
Citation (WoS): 195
Citation (Scopus): 380
H-Index (WoS): 8
H-Index (Scopus): 11

Edit Congress and Symposium Activities

- I. 27. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU 2019), Attendee, Sivas, Turkey, 2019
- II. International Conference on Intelligent Computing and Smart Communication (ICSC 2019), Attendee, Tenali, India, 2019
- III. 12th International Conference on Electrical and Electronics and Biomedical Engineering (ELECO 2018), Attendee, Bursa, Turkey, 2018
- IV. 2nd International Conference on Robotics and Mechantronics (ICROM 2018), Attendee, Singapore, 2018
- V. 5th annual International Conference on Information Technology and Applications [ITA 2018], Attendee, Gangdong, China, 2018
- VI. 10th International Conference on Computational Intelligence and Communication Networks 2017 (CICN 2018), Attendee, Esbjerg, Denmark, 2018
- VII. 26. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU 2018), Attendee, İzmir, Turkey, 2018
- VIII. 4th Annual International Conference on Network and Information Systems for Computers [ICNISC2018], Attendee, Wuhan, China, 2018
- IX. 3rd INNS Conference on Big Data and Deep Learning (INNS BDDL), Attendee, Indonesia, 2018
- X. 13th International Conference on Data Mining, Computers, Communication and Industrial Applications (DMCCIA-18), Attendee, İstanbul, Turkey, 2018
- XI. 11th International Conference on Electrical and Electronics Engineering (ELECO 2017), Attendee, Turkey, 2017
- XII. 9th International Conference on Computational Intelligence and Communication Networks 2017 (CICN 2017), Attendee, Cyprus (Gkry), 2017
- XIII. 5. Ulusal Yüksek Başarımlı Hesaplama Konferansı (BAŞARIM 2017), Attendee, İstanbul, Turkey, 2017
- XIV. International Conference on Electronics, Electrical Engineering and Information Science [EEEIS2017], Attendee, Ganzhou, China, 2017
- XV. International Conference on Artificial Intelligence and Computer Engineering (AICE 2017), Attendee, Suizhou, China, 2017
- XVI. 25. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU 2017), Attendee, --Seçiniz--, Turkey, 2017
- XVII. 10th International Conference on Electrical and Electronics Engineering (ELECO 2016), Attendee, Bursa, Turkey, 2016
- XVIII. The Intrnational conference on Big Data, Advanced Wireless and Communication (BDAW16), Attendee, Blagoevgrad, Bulgaria, 2016
- XIX. 2nd INNS Conference on Big Data (INNSBIGDATA 2016), Attendee, Thessaloniki, Greece, 2016
- XX. 2nd International Conference on Design, Materials and Manufacturing (ICDMM 2017), Attendee, Beijing, China, 2016
- XXI. 4th annual International Conference on Information Technology and Applications[ITA 2017], Attendee, Gangdong, China, 2016
- XXII. 24. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU 2016), Attendee, Zonguldak, Turkey, 2016
- XXIII. 10th International Conference on Electrical and Electronics Engineering (ELECO 2015), Attendee, Bursa, Turkey, 2015
- XXIV. 23. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU 2015), Attendee, Malatya, Turkey, 2015
- XXV. 9th International Conference on Electrical and Electronics Engineering (ELECO 2014), Attendee, Bursa, Turkey, 2014

- XXVI. 22. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU 2014), Attendee, Trabzon, Turkey, 2014
- XXVII. The International Conference on Technological Advances in Electrical, Electronics and Computer Engineering (TAEECE2013), Attendee, Konya, Turkey, 2013
- XXVIII. 7th International Conference on Electrical and Electronics Engineering (ELECO 2010), Attendee, Bursa, Turkey, 2012
- XXIX. The International Coonference on Computing, Networking and Digital Technologies (ICCNDDT2012), Attendee, Sitrah, Bahrain, 2012
- XXX. 7th International Conference on Electrical and Electronics Engineering (ELECO 2012), Attendee, Bursa, Turkey, 2012

Awards

- I. Sayar A., TÜBİTAK 2242 Üniversite Öğrencileri Araştırma Proje Yarışması - Akıllı Şehirler ve Ulaşım Kategorisinde Bölge birinciliği, Tübitak, September 2019
- II. Sayar A., OpenZeka MARC (Mini Otonom Araç Yarışması) - 4.lük Ödülü, Openzeka, March 2019
- III. Sayar A., 4. Uluslararası AR-GE Proje Pazarı '18 (SANTEK2018) Proje yarışmasında 3.lük Ödülü, Santek, November 2018
- IV. Sayar A., PARDUS Dosya Sınıflandırma ve Analiz (DoSA) Açık Inovasyon Yarışması'nda Türkiye Birinciliği, Havelsan, June 2018
- V. Sayar A., OpenZeka MARC (Mini Otonom Araç Yarışması) - 5.lük Ödülü, Openzeka, May 2018
- VI. Sayar A., Yavuz A., Akademik Çalışmalara Dağıtık Mimari Tabanlı Otomatik Hakem Atama Sistemi, 10.14.4. Tübitak 2242 Üniversite Öğrencileri Yazılım Projeleri Yarışması, Bilimsel Çözümler Kategorisi, July 2016
- VII. Sayar A., Tübitak Yayın Teşvik Ödülü, Tübitak, June 2016
- VIII. Sayar A., Tübitak 2242 Üniversite Öğrencileri Yazılım Projeleri Yarışması, Bilimsel Çözümler Kategorisi, 2.lük ödülü, Tübitak, June 2016
- IX. Sayar A., Tübitak Yayın Teşvik Ödülü, Tübitak, July 2015
- X. Sayar A., Tübitak Yayın Teşvik Ödülü, Tübitak, March 2014
- XI. Sayar A., Tübitak Yayın Teşvik Ödülü, Tübitak, January 2013

Coaching Duties

Refereeing Duties

Non Academic Experience

- I. Company, Kuveyttürk Participation Bank, Ar-Ge
- II. State Agency, Los Alamos American National Laboratuvarı, Decision Applications Devision
- III. State Economic Enterprise SEE, İstanbul Gaz Dağıtık Anonim Şirketi (İgdaş), Information and Technologies