

## Assoc. Prof. SÜLEYMAN EKEN

### Personal Information

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### International Researcher IDs

ORCID: 0000-0001-9488-908X

Publons / Web Of Science ResearcherID: A-1083-2018

Yoksis Researcher ID: 33921

### Education Information

Doctorate, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2013 - 2018

Postgraduate, Kocaeli University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği Anabilim Dalı, Turkey 2010 - 2012

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2004 - 2009

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

IT, Yapay Öğrenme ve Bilgi İşlemede Yeni Teknikler Yaz Okulu, Orta Doğu Teknik Üniversitesi, 2016

IT, 4. Bulut Bilişim ve Büyük Veri Güz Okulu, TÜBİTAK BİLGEM Bilişim Teknolojileri Enstitüsü, 2016

IT, Uydu Yer Gözlem Uygulamaları Yaz Okulu, İstanbul Teknik Üniversitesi, 2016

IT, Büyük Veri Analitiği ve Güvenliği Kamu Çalıştayı, Gazi Üniversitesi, 2016

### Dissertations

Doctorate, Eşle/indirge yöntemine dayalı dağıtık hesaplama ile uydu görüntüleri üzerinden nesne çıkarım mimarisi, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2018

Postgraduate, Dağıtık sistemler için ada uydu görüntülerinin vektörel modellenmesi ve zaman-mekânsal analizi, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2012

### Research Areas

Image Processing, Computer Sciences, algorithms, Distributed Systems, Complexity Theory, Parallel Algorithms, Computer Vision, Information Storage and Retrieval, Data Representation and Storage, Data Structures, Database Systems, Artificial Intelligence, Computer Learning and Pattern Recognition, Pattern Recognition and Image Processing, Engineering and Technology

## Academic Titles / Tasks

Associate Professor, Kocaeli University, Teknoloji Fakültesi, Bilişim Sistemleri Mühendisliği, 2021 - Continues  
Assistant Professor, Kocaeli University, Teknoloji Fakültesi, Bilişim Sistemleri Mühendisliği, 2019 - 2021  
Research Assistant PhD, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2018 - 2019  
Research Assistant, Kocaeli University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2010 - 2018

## Academic and Administrative Experience

Deputy Head of Department, Kocaeli University, Teknoloji Fakültesi, Bilişim Sistemleri Mühendisliği, 2019 - 2022

## Courses

Uzmanlık Alan Dersi (Dr), Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021  
Bilgisayar Mimarilerinde Yenilikçi Yaklaşımlar , Postgraduate, 2023 - 2024  
Uzmanlık Alan Dersi, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020  
Graduate Seminar, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020  
Yapay Zeka, Undergraduate, 2023 - 2024, 2019 - 2020  
Yüksek Lisans Tez, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021  
Doktora Yeterlik , Doctorate, 2023 - 2024, 2021 - 2022, 2020 - 2021  
Büyük Veri Analizine Giriş , Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021  
Python Programming, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020  
Ayrık Matematik, Undergraduate, 2023 - 2024, 2022 - 2023  
Ayrık Matematikte İleri Konular , Doctorate, 2022 - 2023, 2021 - 2022, 2020 - 2021  
Doktora Tez, Doctorate, 2023 - 2024, 2022 - 2023  
Doktora Seminer I, Doctorate, 2023 - 2024, 2020 - 2021  
Büyük Veri Analitiği ve Yönetimi, Doctorate, 2023 - 2024, 2020 - 2021  
Bitirme Projesi - A , Undergraduate, 2023 - 2024  
Büyük Veri Setleri Üzerinde Veri Madenciliği, Postgraduate, 2022 - 2023  
Yazılım Geliştirme Laboratuvarı-I , Undergraduate, 2023 - 2024, 2020 - 2021  
Project B, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020  
Doktora Tez Önerisi, Doctorate, 2021 - 2022  
Görüntü İşleme, Undergraduate, 2022 - 2023  
Proje A, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020  
Bilgisayar Mimari ve Organizasyonu , Undergraduate, 2021 - 2022, 2020 - 2021  
Veri Yapıları Laboratuvarı , Undergraduate, 2021 - 2022  
Veri Yapıları ve Algoritmalar, Undergraduate, 2021 - 2022  
Karmaşıklık ve Hesaplama Teorisi, Postgraduate, 2020 - 2021  
Algoritma Analizi ve Karmaşıklığı, Undergraduate, 2020 - 2021  
Introduction to Big Data Analysis, Undergraduate, 2019 - 2020, 2018 - 2019  
Introduction to Big Data Analysis, Undergraduate, 2019 - 2020, 2018 - 2019  
Software Development Laboratory II, Undergraduate, 2019 - 2020  
Advanced Data Analysis Tools and Techniques, Postgraduate, 2019 - 2020  
Dağıtık Sistemlere Giriş , Undergraduate, 2020 - 2021  
Dağıtık Sistemlere Giriş , Undergraduate, 2020 - 2021  
Grid ve Bulut Hesaplama, Postgraduate, 2019 - 2020  
İstatistik ve Olasılık, Undergraduate, 2019 - 2020

## Advising Theses

Eken S., Mining crowdsourced animal based accident data, Postgraduate, T.Çelik(Student), Continues  
Eken S., Spor Analitiği için Büyük Veri Altyapısı, Postgraduate, Y.Melih(Student), Continues  
Eken S., Heterojen Veri Kaynaklarından Otomatik Soru Üretme, Postgraduate, A.Akyıldız(Student), Continues  
Eken S., Kubernetes Üzerinde Tahmin Algoritmaları ile Yüksek Ölçeklenebilirlik, Postgraduate, C.Duman(Student), Continues  
Eken S., Su Yönetim Sistemleri için Yapay Zeka ve Büyük Veri Destekli Su Kalitesi İzleme ve Anomali Tespit Sistemi, Doctorate, S.BALTA(Student), 2024  
Eken S., Sosyal Medyada Yer Alan Doğal Afet Verilerinden Çok Modlu Duygu Analizi, Postgraduate, S.Dursun(Student), 2023  
Eken S., Altın Geri Dönüş Tahminlemesi: Önemli Olaylar Temelli Değerlendirme, Postgraduate, A.Yavuz(Student), 2023  
Eken S., Veriler Arası Analitik Kullanarak PM10 Konsantrasyonları ve Meteorolojik Bilgilerden Hava Kalitesi Tahmin Etme, Postgraduate, M.Şara(Student), 2023  
Eken S., Ülkeler Arasında COVID-19 Aşı Pasaportlarına Yönelik Halkın Duyarlılığının Karşılaştırılması: Reddit Sosyal Medya Platformu'ndaki Yorumların Analizi , Postgraduate, M.Shiraz(Student), 2023  
Eken S., Pose-Based Real-Time Decoding of Babies' Body Language, Postgraduate, E.Yurtsever(Student), 2022  
Eken S., Full Text Search and Visualization Tool on Scanned Newspaper Collection , Postgraduate, H.Şahin(Student), 2022  
Eken S., Analitik Hiyerarşi Süreci ile Kocaeli Geneli Bisiklet Park İstasyonu Yer Seçimi, Postgraduate, T.Demircan(Student), 2022  
Eken S., Interpretable and Accurate Smart-Grid Stability Prediction with Optimized Deep Models, Postgraduate, T.Erdem(Student), 2021

## Jury Memberships

Doctoral Examination, Doctoral Examination, Sakarya Üniversitesi, June, 2024  
Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2024  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yalova Üniversitesi, June, 2024  
Doctorate, Doctorate, Kocaeli Üniversitesi, June, 2024  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2024  
Post Graduate, Post Graduate, Sakarya Uygulamalı Bilimler Üniversitesi, June, 2024  
Post Graduate, Post Graduate, Sakarya Üniversitesi, February, 2024  
Doctoral Examination, Doctoral Examination, Kocaeli Üniversitesi, January, 2024  
Doctoral Examination, Doctoral Examination, Kocaeli Üniversitesi, January, 2024  
Doctoral Examination, Doctoral Examination, Kocaeli Üniversitesi, January, 2024  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yalova Üniversitesi, December, 2023  
Post Graduate, Post Graduate, Kocaeli Üniversitesi, December, 2023  
Doctoral Examination, Doctoral Examination, Yalova Üniversitesi, December, 2023  
Doctoral Examination, Doctoral Examination, Yalova Üniversitesi, December, 2023  
Post Graduate, Post Graduate, Kocaeli Üniversitesi, October, 2023  
Post Graduate, Post Graduate, Sakarya Üniversitesi, August, 2023  
Doctoral Examination, Doctoral Examination, Yalova Üniversitesi, June, 2023  
Doctoral Examination, Doctoral Examination, Yalova Üniversitesi, June, 2023  
Doctoral Examination, Doctoral Examination, Yalova Üniversitesi, June, 2023  
Post Graduate, Post Graduate, Kocaeli Üniversitesi, April, 2023  
Post Graduate, Post Graduate, Kocaeli Üniversitesi, January, 2023  
Post Graduate, Post Graduate, Kocaeli Üniversitesi, January, 2023  
Doctoral Examination, Doctoral Examination, Yalova Üniversitesi, January, 2023

Post Graduate, Post Graduate, Kocaeli Üniversitesi, December, 2022  
Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, September, 2022  
Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, September, 2022  
Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, September, 2022  
Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2022  
Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2022  
Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2022  
Doctoral Examination, Doctoral Examination, Yalova Üniversitesi, May, 2022  
Doctoral Examination, Doctoral Examination, Kocaeli Üniversitesi, January, 2022  
Doctoral Examination, Doctoral Examination, Kocaeli Üniversitesi, January, 2022  
Post Graduate, Post Graduate, Kocaeli Üniversitesi, January, 2022  
Post Graduate, Post Graduate, Yalova Üniversitesi, December, 2021  
Post Graduate, Post Graduate, Kocaeli Üniversitesi, October, 2021  
Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2021  
Post Graduate, Post Graduate, Yalova Üniversitesi, June, 2021  
Doctoral Examination, Doctoral Examination, Kocaeli Üniversitesi, May, 2021  
Doctoral Examination, Doctoral Examination, Kocaeli Üniversitesi, May, 2021  
Doctoral Examination, Doctoral Examination, Kocaeli Üniversitesi, May, 2021  
Doctorate, Doctorate, Yalova Üniversitesi, July, 2020

## Designed Lessons

Eken S., Dijital ve Veri Okuryazarlığı, Undergraduate, 2024 - 2025  
Eken S., Otomata Teorisi ve Biçimsel Diller, Undergraduate, 2024 - 2025  
Eken S., Makine Öğrenmesi Operasyonları, Undergraduate, 2024 - 2025  
Eken S., Bilgisayar Mimarilerinde Yenilikçi Yaklaşımlar, Postgraduate, 2022 - 2023  
Eken S., Kuantum Hesaplama, Doctorate, 2022 - 2023  
Eken S., Algorithm Analysis and Complexity, Undergraduate, 2020 - 2021  
Eken S., Discrete Mathematics, Undergraduate, 2020 - 2021  
Eken S., Spatial Databases, Undergraduate, 2019 - 2020  
Eken S., Introduction to Big Data Analysis, Undergraduate, 2019 - 2020  
Eken S., Advanced Data Analysis Tools and Techniques, Postgraduate, 2019 - 2020  
Eken S., Advanced Topics in Discrete Mathematics, Doctorate, 2019 - 2020  
Eken S., Complexity and Computational Theory, Postgraduate, 2019 - 2020  
Eken S., Mining of Massive Datasets, Postgraduate, 2019 - 2020  
Eken S., Python Programming, Undergraduate, 2019 - 2020

## Research Infrastructure Information

Eken S., Büyük Veri ve Bulut Bilişim Araştırma Laboratuvarı, February 2020

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

- I. **Energy-efficient buildings with energy-efficient optimized models: a case study on thermal bridge detection**  
Fişne A., Yurtsever M. M. E., Eken S.  
CLUSTER COMPUTING, vol.27, pp.1-11, 2024 (SCI-Expanded)
- II. **Image-based security techniques for water critical infrastructure surveillance**

- Balta Kaç S., Eken S., Dural Balta D., Balta M., İskefiyeli M., Özçelik İ.  
APPLIED SOFT COMPUTING JOURNAL, vol.161, pp.1-13, 2024 (SCI-Expanded)
- III. **Chaotic marine predator optimization algorithm for feature selection in schizophrenia classification using EEG signals**  
Garip Z., Ekinci E., Serbest K., Eken S.  
CLUSTER COMPUTING, vol.27, no.4, pp.1-21, 2024 (SCI-Expanded)
- IV. **Editorial: Special Issue on Computing, Intelligence and Data Analytics for Wisdom (CIDA4Wisdom)**  
Eken S., Solak S., Uçar M. H. B., Kilimci Z. H., Jamil A., Hameed A. A., Marquez F. P. G.  
EXPERT SYSTEMS, vol.1, no.1, pp.1-2, 2024 (SCI-Expanded)
- V. **Customer Complaints-Based Water Quality Analysis**  
Kac S. B., EKEN S.  
WATER, vol.15, no.18, 2023 (SCI-Expanded)
- VI. **A document image classification system fusing deep and machine learning models**  
Omurca S. İ., Ekinci E., Sevim S., Edinç E. B., EKEN S., SAYAR A.  
Applied Intelligence, vol.53, no.12, pp.15295-15310, 2023 (SCI-Expanded)
- VII. **Searchable Turkish OCRed historical newspaper collection 1928–1942**  
Menhour H., Şahin H. B., Sarıkaya R. N., Aktaş M., Sağlam R., Ekinci E., Eken S.  
JOURNAL OF INFORMATION SCIENCE, vol.49, no.2, pp.335-347, 2023 (SCI-Expanded)
- VIII. **Estimation of road surface type from brake pressure pulses of ABS**  
YİĞİT H., KÖYLÜ H., EKEN S.  
Expert Systems with Applications, vol.212, 2023 (SCI-Expanded)
- IX. **Comparing COVID-19 Vaccine Passports Attitudes Across Countries by Analyzing Reddit Comments**  
Yurtsever M. M. E., Shiraz M., Ekinci E., Eken S.  
JOURNAL OF INFORMATION SCIENCE, no.1, pp.1-11, 2023 (SCI-Expanded)
- X. **Distributed Messaging and Light Streaming System for Combating Pandemics: A Case Study on Spatial Analysis of COVID-19 Geo-tagged Twitter Dataset**  
Özgüven Y. M., Eken S.  
JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, vol.14, pp.773-787, 2023 (SCI-Expanded)
- XI. **BabyPose: Real-Time Decoding of Baby's Non-Verbal Communication Using 2D Video-Based Pose Estimation**  
Yurtsever M. M. E., Eken S.  
IEEE SENSORS JOURNAL, vol.22, no.14, pp.13776-13784, 2022 (SCI-Expanded)
- XII. **Guest editorial-Intelligent systems and their applications**  
Kilimci Z. H., Solak S., Eken S.  
COMPUTER SCIENCE AND INFORMATION SYSTEMS, vol.19, no.2, pp.5-6, 2022 (SCI-Expanded)
- XIII. **Editorial: Special Issue on International Conference on Innovations in Intelligent Systems and Applications (INISTA 2021)**  
Solak S., Kilimci Z. H., Eken S.  
Concurrency And Computation-Practice & Experience, vol.34, pp.1-3, 2022 (SCI-Expanded)
- XIV. **Editorial: Special issue on big data in transportation**  
Belezamo B., Eken S., Avcı C.  
Expert Systems, vol.39, no.2, pp.1-2, 2022 (SCI-Expanded)
- XV. **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 (SCI-Expanded)
- XVI. **A Dockerized Big Data Architecture for Sports Analytics**  
Ozguven Y. M., Gönener U., Eken S.  
COMPUTER SCIENCE AND INFORMATION SYSTEMS, vol.19, no.2, pp.957-978, 2022 (SCI-Expanded)
- XVII. **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 (SCI-Expanded)

- XVIII. **Detection of Price Bubbles in Istanbul Housing Market using LSTM Autoencoders: A District-based Approach**  
Ayan E. B., Eken S.  
Soft Computing, vol.25, no.12, pp.7959-7973, 2021 (SCI-Expanded)
- XIX. **Deploying a Smart Queuing System on Edge with Intel OpenVINO Toolkit**  
Dagli R., Eken S.  
Soft Computing, vol.25, no.15, pp.10103-10115, 2021 (SCI-Expanded)
- XX. **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 (SCI-Expanded)
- XXI. **An exploratory teaching program in big data analysis for undergraduate students**  
EKEN S.  
JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, vol.11, no.10, pp.4285-4304, 2020 (SCI-Expanded)
- XXII. **A Topic-based Hierarchical Publish-Subscribe Messaging Middleware for COVID-19 Detection in X-ray Image and its Metadata**  
Eken S.  
Soft Computing, vol.24, pp.1-20, 2020 (SCI-Expanded)
- XXIII. **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 (SCI-Expanded)
- XXIV. **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 (SCI-Expanded)
- XXV. **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 (SCI-Expanded)
- XXVI. **DoCA: A Content-Based Automatic Classification System Over Digital Documents**  
Eken S., Menhour H., Köksal K.  
IEEE ACCESS, vol.7, pp.97996-98004, 2019 (SCI-Expanded)
- XXVII. **Detection of fraud risks in retailing sector using MLP and SVM techniques**  
Pehlivanlı D., Eken S., Ayan E. B.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.27, pp.3633-3647, 2019 (SCI-Expanded)
- XXVIII. **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 (SCI-Expanded)
- XXIX. **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 (SCI-Expanded)
- XXX. **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 (SCI-Expanded)
- XXXI. **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 (SCI-Expanded)
- XXXII. **An automated technique to determine spatio-temporal changes in satellite island images with vectorization and spatial queries**  
EKEN S., SAYAR A.

## Articles Published in Other Journals

- I. **Ethic wars: student and educator attitudes in the context of ChatGPT**  
Eken S.  
EAI ENDORSED TRANSACTIONS ON E-LEARNING, vol.9, pp.1-7, 2024 (Peer-Reviewed Journal)
- II. **Water Quality Estimation and Anomaly Detection: A Review**  
Balta D., Balta Kaç S., Balta M., Eken S.  
EAI ENDORSED TRANSACTIONS ON INTERNET OF THINGS, vol.9, no.4, pp.1-20, 2023 (Peer-Reviewed Journal)
- III. **Gold Returns Prediction: Assessment based on Major Events**  
Yavuz A., Eken S.  
EAI ENDORSED TRANSACTIONS ON SCALABLE INFORMATION SYSTEMS, no.1, pp.1-10, 2023 (ESCI)
- IV. **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, vol.21, no.02, 2022 (ESCI)
- V. **Keşifsel Veri Analizi Kullanarak Vakum Şarj Test Süresinin Azaltılması**  
Demircan Kutluay T., Eken S.  
Acta Infologica, vol.5, no.1, pp.187-196, 2021 (Peer-Reviewed Journal)
- VI. **Predicting Smart Grid Stability with Optimized Deep Models**  
Breviglieri P., Erdem T., Eken S.  
SN Computer Science, vol.2, no.2, pp.1-12, 2021 (Peer-Reviewed Journal)
- VII. **Medical Data Analysis for Different Data Types**  
Eken S.  
International Journal of Computational and Experimental Science and Engineering (IJCESEN), vol.6, no.3, pp.1-7, 2020 (Peer-Reviewed Journal)
- VIII. **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 (ESCI)
- IX. **Büyük Verinin İnteraktif Görselleştirilmesi: Tableau Üzerine Öğrenci Deneyimleri**  
EKEN S.  
European Journal of Science and Technology, no.18, pp.262-271, 2020 (Peer-Reviewed Journal)
- X. **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 (Peer-Reviewed Journal)
- XI. **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 (Peer-Reviewed Journal)
- XII. **DocDig: Dijitalleştirilmiş Dokümanlarda İçerik Tabanlı Figür Arama**  
BURAK A., BÜŞRA CEREN S., EKEN S., SAYAR A.  
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.6, pp.68-78, 2018 (Peer-Reviewed Journal)
- XIII. **Big Data Frameworks for Efficient Range Queries to Extract Interested Rectangular Sub Regions**  
EKEN S., SAYAR A.  
International Journal of Computer Applications, vol.119, pp.36-39, 2015 (Peer-Reviewed Journal)
- XIV. **XML Anahtar Kelimeleri Yardımıyla Türkçe Aritmetik Problemlerin Anlaşılması ve Çözülmesi**  
EKEN S., EKİNCİ E., SAYAR A.  
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.2, no.1, pp.48-55, 2014 (Peer-Reviewed Journal)

- XV. **Designing a Web Based Smart Bus Stop System**  
EKEN S., SAYAR A.  
Selcuk University Journal of Engineering ,Science and Technology, vol.2, pp.57, 2014 (Peer-Reviewed Journal)
- XVI. **WEB TABANLI AKILLI BİR DURAK SİSTEMİNİN GERÇEKLENMESİ**  
EKEN S., SAYAR A.  
Selçuk Üniversitesi Mühendislik Bilim ve Teknoloji Dergisi, vol.2, no.1, pp.57-64, 2014 (Peer-Reviewed Journal)
- XVII. **AutoTest Automation to Test Tabular Data Quality**  
EKEN S., KÜRŞAT T., SAYAR A.  
International Journal of Computer and Electrical Engineering, vol.6, pp.365-368, 2014 (Peer-Reviewed Journal)
- XVIII. **Haritalar Üzerinde Suç Verilerinin Görüntülenmesi ve Analizinin Sağlanması: Kocaeli İli Örneği**  
EKEN S., YILDIZ KUMRU P.  
KMÜ Sosyal ve Ekonomik Araştırmalar Dergisi, vol.16, pp.67-72, 2014 (Peer-Reviewed Journal)
- XIX. **Understanding and Solving Turkish Arithmetic Problems via XML Keywords**  
EKEN S., EKİNCİ E., SAYAR A.  
Düzce University, Journal of Science and Technology, vol.2, pp.48-55, 2014 (Peer-Reviewed Journal)
- XX. **Service Oriented Visual Interpretation Tool for Time Series Data**  
MUSTAFA U., EKEN S., SAYAR A.  
Anadolu University Journal of Science and Technology, vol.14, pp.191-198, 2013 (Peer-Reviewed Journal)
- XXI. **Integration of OpenGL Graphics Libraries with Spatial Databases as an Analysis and Visualization Tool**  
EKEN S., SAFFET T., SAYAR A.  
Selçuk Teknik-Online Dergisi, vol.11, pp.110-123, 2013 (Peer-Reviewed Journal)
- XXII. **Game based Learning Approach to Binary Search Tree Operations**  
EKEN S., SAYAR A.  
AWERProcedia Information Technology & Computer Science, vol.4, pp.234-238, 2013 (Peer-Reviewed Journal)
- XXIII. **Game based Learning Approach to Binary Search Tree Basic Operations**  
EKEN S., SAYAR A.  
Procedia-Information Technology and Computer Science Journal (P-ITCS), vol.4, pp.234-238, 2013 (Peer-Reviewed Journal)
- XXIV. **DAĞITIK SİSTEMLERDE UYDU GÖRÜNTÜSÜ TRANSFERİ: RASTER VE VEKTÖR TEMSİL KARŞILAŞTIRMASI**  
EKEN S., Recep B., SAYAR A.  
Journal of Aeronautics and Space Technologies, vol.6, no.1, pp.63-69, 2013 (Peer-Reviewed Journal)
- XXV. **Satellite Image Transferring in Distributed Systems Comparison of Raster and Vector Representations**  
EKEN S., RECEP B., SAYAR A.  
Journal of Aeronautics and Space Technologies, vol.6, pp.63-69, 2013 (Peer-Reviewed Journal)
- XXVI. **ANALİZ VE GÖRÜNTÜLEME ARACI OLARAK OPENGL GRAFİK KÜTÜPHANELERİ VE MEKÂNSAL VERİTABANIN BÜTÜNLEŞTİRİLMESİ**  
EKEN S., Saffet T., SAYAR A.  
Journal of Technical-Online, vol.11, no.3, pp.110-123, 2012 (Peer-Reviewed Journal)
- XXVII. **Vectorization and Spatial Query Architecture on Island Satellite Images**  
EKEN S., SAYAR A.  
Procedia-Information Technology and Computer Science Journal (P-ITCS), vol.2, pp.37-43, 2012 (Peer-Reviewed Journal)
- XXVIII. **Vectorization and Spatial Query Architecture on Island Satellite Image**  
EKEN S., SAYAR A.  
AWERProcedia Information Technology and Computer Science, vol.2, pp.37-43, 2012 (Peer-Reviewed Journal)



## Books & Book Chapters

- I. **Recognition of Vehicle Warning Indicators**  
Ali U., Eken S.  
in: Trends in Data Engineering Methods for Intelligent Systems: ICAIAME 2020. Lecture Notes on Data Engineering and Communications Technologies, Hemanth J., Yigit T., Patrut B., Angelopoulou A., Editor, Springer, London/Berlin, Chur, pp.484-490, 2021
- II. **Clustering Earthquake Data: Identifying Spatial Patterns From Non-Spatial Attributes**  
SAVAŞ C., YILDIZ M. S., EKEN S., İKİBAŞ C., SAYAR A.  
in: Big Data and Knowledge Sharing in Virtual Organizations, Gyamfi Albert, Williams Idongesit, Editor, IGI Global, pp.224-239, 2020
- III. **CNN Based Traffic Sign Recognition for MiniAutonomous Vehicles**  
SATILMIŞ Y., TUFAN F., şara m., KARSLI M., EKEN S., SAYAR A.  
in: Advances in Intelligent Systems and Computing, Świątek Jerzy, Borzemski Leszek, Wilimowska Zofia, Editor, Springer, pp.85-94, 2019
- IV. **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., BECERİKLİ Y.  
in: Advances in Internet, Data Web Technologies, Barolli Leonard, Xhafa Fatos, Javaid Nadeem, Spaho Evjola, Kolicic Vladi, Editor, Springer, pp.934-943, 2018
- V. **MapReduce Based Scalable Range Query Architecture for Big Spatial Data**  
EKEN S., KIZGINDERE U., SAYAR A.  
in: The Rise of Big Spatial Data, Igor Ivan, Alex Singleton, Jiří Horák, Tomáš Inspektor, Editor, Springer, pp.263-272, 2017
- VI. **Playlist Generation via Vector Representation of Songs**  
KÖSE B., EKEN S., SAYAR A.  
in: Advances in Big Data, Plamen Angelov, Yannis Manolopoulos, Lazaros Iliadis, Asim Roy, Marley Vellasco, Editor, Springer, pp.179-185, 2017
- VII. **A Novel Signaling Protocol (ARCSPXP): Case Study on Synchronization of Educational Data**  
EKEN S., KAYA F., SAYAR A., KAVAK A., İLHAN Z., KOCASARAÇ U.  
in: Mobile Networks and Management, Ramón Agüero, Yasir Zaki, Bernd-Ludwig Wenning, Anna Förster, Andreas Timm-Giel, Editor, Springer International Publishing, 2017
- VIII. **A Method for Localization of Computational Node and Proxy Server in Educational Data Synchronization**  
KAYA F., EKEN S., SAYAR A., KAVAK A., ŞAHİN S.  
in: Wireless Internet Lecture Notes of the Inst A Method for Localization of Computational Node and Proxy Server in Educational Data Synchronization, Mumtaz, S., Rodriguez, J., Katz, M., Wang, C., Nascimento, A. (Eds.), Editor, Springer, pp.180-190, 2015
- IX. **Tiling of Satellite Images to Capture an Island Object**  
SAYAR A., EKEN S., MERT Ü.  
in: Engineering Applications of Neural Networks, Valeri Mladenov, Chrisina Jayne, Lazaros Iliadis, Editor, Springer, 2014

## Refereed Congress / Symposium Publications in Proceedings

- I. **Artificial Intelligence in Industrial Internet of Things: A Concise Review of Performance Management**  
Balta Kaç S., Eken S.  
2nd International Conference on Computing, IoT and Data Analytics, Castello, Spain, 20 - 21 July 2023, pp.1-18
- II. **COVID-19 & Behavioral Analytics: Deep learning-based Work-from-Home Sensing from Reddit Comments**

Yurtsever M. M. E., Ekinci E., Eken S.

2nd International Conference on Computing, IoT and Data Analytics, Castello, Spain, 20 - 21 July 2023, pp.1-16

- III. **Layer-Wise Relevance Propagation for Smart-Grid Stability Prediction**  
Erdem T., EKEN S.  
5th Mediterranean Conference on Pattern Recognition and Artificial Intelligence, MedPRAI 2021, Istanbul, Turkey, 17 - 18 December 2021, vol.1543 CCIS, pp.315-328
- IV. **Kocaeli-wide Bicycle Parking Station Site Selection with Analytical Hierarchy Process**  
Kutluay T. D., EKEN S.  
2nd International Conference on Computing and Machine Intelligence, ICMI 2022, İstanbul, Turkey, 15 - 16 July 2022
- V. **Activity Recognition for Ambient Sensing Data and Rule Based Anomaly Detection**  
Seyedkazemi Ardebili E., EKEN S., KÜÇÜK K.  
The Fifth International Conference on Smart City Applications, Turkey, 7 - 09 October 2020
- VI. **Dijital Dokümanların Anahtar Kelime Tabanlı Doğrulanması**  
Şahin S., Ardıç S., Erdem T., Gültekin A., EKİNCİ E., EKEN S., SAYAR A.  
6. Ulusal Yüksek Başarımlı Hesaplama Konferansı, Turkey, 8 - 09 October 2020
- VII. **Tedarikçiye Otomatik Sipariş Sisteminin Geliştirilmesi**  
BALKI F., TANIŞ M. H., EKEN S.  
3rd International Conference on Sustainable Science and Technology, İstanbul, Turkey, 25 - 27 September 2020
- VIII. **Türkiye'deki Elektrikli Araç Şarj İstasyonlarının Görsel ve Mekânsal Analizi**  
KAMİLÇELEBİ S., ŞAHİN S., EKEN S.  
3rd International Conference on Data Science and Applications (ICONDATA'20), Turkey, 25 - 28 June 2020, pp.188-196
- IX. **Taranmış Türkçe Gazete Dokümanları Üzerinde Varlık İsmi Tanıma**  
Şahin H. B., EKEN S.  
3rd International Conference on Data Science and Applications (ICONDATA'20), Turkey, 25 - 28 June 2020, pp.202-206
- X. **Multilabel Remote Sensing Image Classification with Capsule Networks**  
Topcu M., Dede A., EKEN S., SAYAR A.  
2nd International Congress on Human-Computer Interaction, Optimization and Robotic Applications, HORA 2020, Ankara, Turkey, 26 - 27 June 2020
- XI. **Kapsül Ağlar Kullanarak Göğüs Röntgeni Görüntülerinden COVID-19 Tespiti**  
EKEN S.  
INSAC Natural and Health Sciences (INHS-2020), Turkey, 22 - 23 May 2020, pp.313-317
- XII. **CNN based traffic sign recognition for mini autonomous vehicles**  
SATILMIŞ Y., TUFAN F., ŞARA M., KARSLI M., EKEN S., SAYAR A.  
39th International Conference Information Systems Architecture and Technology, ISAT 2018, NYSA, Poland, 16 - 18 September 2018, vol.853, pp.85-94
- XIII. **En Uzun Ortak Küme Algoritmasıyla Dağıtık Görüntü Eşleme**  
Yücer E., EKEN S., SAYAR A.  
Uluslararası Marmara Fen ve Sosyal Bilimler Kongresi (IMASCON 2018), Kocaeli, Turkey, 23 - 25 November 2018, pp.1624-1631
- XIV. **Is Video from a Security Footage or Not?**  
MENHOUR H., EKEN S.  
5th International Conference on Computational and Experimental Science and Engineering, 12 - 16 October 2018
- XV. **Görme Engelliler için Akıllı Telefon ile Nesne Arama**  
POLAT H. M., ÖZER M. E., SERTEL K., YILMAZ S. T., EKEN S., SAYAR A.  
12. Ulusal Yazılım Mühendisliği Sempozyumu (UYMS 2018), İstanbul, Turkey, 10 - 12 September 2018, vol.2201
- XVI. **Otonom Araç Yönlendirmesi için Uçtan Uca Öğrenme Modeli Tasarımı**  
KARSLI M., SATILMIŞ Y., ŞARA M., TUFAN F., EKEN S., SAYAR A.  
26. IEEE Sinyal İşleme ve İletişim Uygulamaları (SIU) Kurultayı, İzmir, Turkey, 2 - 05 May 2018

- XVII. **A concise review on vehicle detection and classification**  
KUL S., EKEN S., SAYAR A.  
2017 International Conference on Engineering and Technology, ICET 2017, Antalya, Turkey, 21 - 23 August 2017, pp.1-4
- XVIII. **End-to-End Learning Model Design for Steering Autonomous Vehicle**  
Karsli M., Satilmis Y., Sara M., Tufan F., EKEN S., SAYAR A.  
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XIX. **Performance Evaluation of Support Vector Machine and Convolutional Neural Network Algorithms in Real-Time Vehicle Type Classification**  
Sentas A., Tashiev I., Kucukayvaz F., KUL S., EKEN S., SAYAR A., BECERİKLİ Y.  
6th International Conference on Emerging Internet, Data and Web Technologies (EIDWT), Tirana, Albania, 15 - 17 March 2018, vol.17, pp.934-943
- XX. **Konvolüsyonel Sinir Ağı Kullanarak Gerçek Zamanlı Araç Tipi Sınıflandırması**  
ISABEK T., KUL S., ALİ Ş., KÜÇÜKAYVAZ F., EKEN S., SAYAR A., BECERİKLİ Y.  
1.Ulusal Bulut Bilişim ve Büyük Veri Sempozyumu (b3s2017), Antalya, Turkey, 19 - 21 October 2017, pp.60-64
- XXI. **MAHREC: Mobil Tabanlı Harf Çıkış Bozukluklarının İyileştirilmesi**  
SEYFULLAH U., EMRE Y., EKEN S., SAYAR A.  
11. Ulusal Yazılım Mühendisliği Sempozyumu (UYMS'17), Antalya, Turkey, 18 - 20 October 2017
- XXII. **A Concise Review on Vehicle Detection and Classification**  
KUL S., EKEN S., SAYAR A.  
The Third International Workshop on Data Analytics and Emerging Services (DAES), Antalya, Turkey, 21 - 23 August 2017, pp.1-4
- XXIII. **Distributed Approach for Point Set Pattern Matching: A Case study on Simple Objects**  
EKEN S., HAYRUNNİSA S., UYSAL O., SAYAR A.  
5th High Performance Computing Conference (BAŞARIM 2017), İstanbul, Turkey, 14 - 15 June 2017
- XXIV. **Vectorization of Large Amounts of Raster Satellite Images in a Distributed Architecture Using HIPI**  
EKEN S., AYDIN E., SAYAR A.  
2017 International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 16 - 17 September 2017
- XXV. **Evaluation of Different Algorithms for Measuring the Similarities of Trajectory Datasets**  
SAVAŞ N. S., BAKKAL F., EKEN S., SAYAR A.  
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XXVI. **Modeling and Querying Trajectories using Neo4j Spatial and TimeTree for Carpool Matching**  
Bakkal F., Savas N. S., EKEN S., SAYAR A.  
IEEE International Conference on INnovations in Intelligent SysTems and Applications (INISTA), Gdynia, Poland, 3 - 05 July 2017, pp.219-222
- XXVII. **Uydu Görüntülerinin Yüksek Performansta İşlenmesi Üzerine Bir İnceleme Vektör Tabanlı Mozaik Örme Durum Çalışması**  
EKEN S., SAYAR A.  
6. Uzaktan Algılama ve CBS Sempozyumu, Adana, Turkey, 5 - 07 October 2016, pp.768-774
- XXVIII. **Sleep Stage Classification Scalability Evaluations of Distributed Approaches**  
AÇIKALIN Ş., EKEN S., SAYAR A.  
The 3rd International Conference on Data Mining, Internet Computing, and Big Data (BigData2016), Konya, Turkey, 21 - 23 July 2016, pp.113-117
- XXIX. **Akademik Çalışmalara Hakem Ataması için Büyük Veri Altyapısı**  
YAVUZ A., EKEN S., SAYAR A.  
10. Ulusal Yazılım Mühendisliği Sempozyumu, UYMS'xx16, Çanakkale, Turkey, 24 - 26 October 2016, pp.544-549
- XXX. **A MapReduce based Big data Framework for Object Extraction from Mosaic Satellite Images**  
EKEN S., SAYAR A.  
International Conference on Internet of Things and Big Data (IoTBD), ROMA, Italy, 23 - 25 April 2016, pp.14-18
- XXXI. **Uydu Görüntülerinin Yüksek Performansta İşlenmesi Üzerine Bir İnceleme Vektör Tabanlı Mozaik**

## Örme Durum Çalışması

EKEN S., SAYAR A.

6. Uzaktan Algılama ve Coğrafi Bilgi Sistemleri Sempozyumu (UzalCBS 2016), Adana, Turkey, 5 - 07 October 2016, pp.768-774

### XXXII. **Measuring the Efficiencies of Vehicle Classification Algorithms on Traffic Surveillance Video**

Kul S., EKEN S., SAYAR A.

International Conference on Artificial Intelligence and Data Processing (IDAP) 2016, Malatya, Turkey, 17 - 18 September 2016

### XXXIII. **A scalable distributed query framework for unstructured big clinical data A case study on diabetic records**

DEMİRCAN Ö., EKEN S., SAYAR A.

International Conference on Artificial Intelligence and Data Processing (IDAP) 2016, Malatya, Turkey, 17 - 18 September 2016

### XXXIV. **Evaluation of Real-time Performance for BGSLibrary Algorithms: A Case Study on Traffic Surveillance Video**

KUL S., EKEN S., SAYAR A.

6th International Conference on IT Convergence and Security (ICITCS), Prague, Czech Republic, 26 - 29 September 2016, pp.40-43

### XXXV. **HIPI ile Dagitik görüntü isleme çatisi: yüz bölgelerine ait biometrileri saptama performansinin incelenmesi**

Akkoyunlu Y. Y., EKEN S., SAYAR A.

10th Turkish National Software Engineering Symposium, UYMS 2016, Çanakkale, Turkey, 24 - 26 October 2016, vol.1721, pp.426-431

### XXXVI. **Akademik Çalışmalara Hakem Atamasi için Büyük Veri Altyapısı**

Yavuz A., EKEN S., SAYAR A.

10th Turkish National Software Engineering Symposium, UYMS 2016, Çanakkale, Turkey, 24 - 26 October 2016, vol.1721, pp.544-549

### XXXVII. **CAPCHA KARAKTERLERİNİN YAPAY SİNİR AĞLARI KULLANILARAK TANINMASI**

EKEN S., SAYAR A.

7. Mühendislik ve Teknoloji Sempozyumu, Turkey, 15 - 16 May 2014, pp.1-4

### XXXVIII. **Service Oriented Warning System for Detection of Abandoned Object in Video Surveillance**

KUL S., EKEN S., SAYAR A.

23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.911-914

### XXXIX. **Estimation of Idle Time for Synchronization: A Case Study on Fatih Project**

Gulagiz F., EKEN S., KAVAK A., SAYAR A.

23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1158-1161

### XL. **JavaScript Vulnerabilities and Recent Solution Recommendations**

ABDÜRRAHİM Ö., KAYA Ç., EKEN S.

7th International Conference on Information Security and Cryptology, 17 - 18 October 2014, pp.252-257

### XLI. **Fatih Projesinde Proxy Sunucunun Doğru Konumlandırıldığının Kontrol Edilmesi ve Tabletlerinin Yerini Tespit için Bir Metot**

EKEN S., KAYA F., KEREM Ç., SAYAR A., KAVAK A., ŞAHİN S.

2014 ELEKTRİK - ELEKTRONİK, BİLGİSAYAR ve BİYOMEDİKAL MÜHENDİSLİĞİ SEMPOZYUMU, Turkey, 27 - 29 November 2014, pp.748-752

### XLII. **Bulut Vekil Sunucu ve Tabletler Arasında Veri Senkronizasyonu için RTT Kullanarak Farklı Kümeleme Metodlarının Değerlendirilmesi**

EKEN S., KAYA F., GÜNGÖR A., SAYAR A., KAVAK A., ŞAHİN S.

2014 ELEKTRİK - ELEKTRONİK, BİLGİSAYAR ve BİYOMEDİKAL MÜHENDİSLİĞİ SEMPOZYUMU, Turkey, 27 - 29 November 2014, pp.670-675

- XLIII. Evaluation of RTT based Clustering Methods for Data Synchronization between Proxy Cloud Servers and Tablets**  
EKEN S., KAYA F., GÜNGÖR A., SAYAR A., KAVAK A., ŞAHİN S.  
Elektrik - Elektronik, Bilgisayar ve Biyomedikal Mühendisliği Sempozyumu, ELECO 2014, Bursa, Turkey, 27 - 29 November 2014, pp.670-675
- XLIV. Döküman Tabanlı NoSQL Veritabanları MongoDB ve CouchDB yatay ölçeklenebilirlik karşılaştırması**  
EKEN S., KAYA F., SAYAR A., KAVAK A.  
7. Mühendislik ve Teknoloji Sempozyumu, Cankaya Üniversitesi, Ankara, Turkey, 15 - 16 May 2014, pp.61-67
- XLV. Capcha Karakterlerinin Yapay Sinir Ağları Kullanılarak Karşılaştırılması**  
EKEN S., KAYA F., SAYAR A., KAVAK A.  
7. Mühendislik ve Teknoloji Sempozyumu, Cankaya Üniversitesi, Ankara, Turkey, 15 - 16 May 2014, pp.7-11
- XLVI. Tracking a single node's availability for communication by means of observing local system resources**  
EKEN S., KAYA F., SAYAR A., KAVAK A.  
IEEE International Symposium on Innovations in Intelligent Systems and Applications (INISTA), Alberobello, Italy, 23 - 25 June 2014, pp.41-45
- XLVII. Tiling of Satellite Images to Capture an Island Object**  
SAYAR A., EKEN S., Mert U.  
15th International Conference on Engineering Applications of Neural Networks, EANN 2014, Sofija, Bulgaria, 5 - 07 September 2014, pp.195-204
- XLVIII. A Smart Bus Tracking System Based on Location-Aware Services and QR Codes**  
EKEN S., SAYAR A.  
IEEE International Symposium on Innovations in Intelligent Systems and Applications (INISTA), Alberobello, Italy, 23 - 25 June 2014, pp.299-303
- XLIX. Animating Chess Moves Recorded on Chess Informant**  
EKEN S., SAYAR A.  
3rd International Symposium on Computing in Science Engineering (ISCSE-2013), Aydın, Turkey, 24 October 2012 - 25 December 2013, pp.35-40
- L. Web based Tool for Interactive Analysis of Crime Data on the Maps**  
EKEN S., EKİNCİ E., SAYAR A.  
1st International Symposium on Digital Forensics and Security (ISDFS'13), Elazığ, Turkey, 20 - 22 May 2013, pp.1-5
- LI. Güncel Dağıtık Dosya Sistemlerinin Karşılaştırmalı Analizi**  
UĞURCAN E., EKEN S., SAYAR A.  
6. Mühendislik ve Teknoloji Sempozyumu, Cankaya Üniversitesi, Ankara, Turkey, 25 - 26 April 2013, pp.213-218
- LII. Registering LandSat-8 Mosaic Images: A Case Study on the Marmara Sea**  
SAYAR A., EKEN S., Mert U.  
10th International Conference on Electronics, Computer and Computation (ICECCO), Ankara, Turkey, 7 - 09 November 2013, pp.375-377
- LIII. Analyzing Distributed File Synchronization Techniques for Educational Data**  
EKEN S., KAYA F., İlhan Z., SAYAR A., KAVAK A., Kocasarac U., ŞAHİN S.  
10th International Conference on Electronics, Computer and Computation (ICECCO), Ankara, Turkey, 7 - 09 November 2013, pp.318-321
- LIV. Web Servisler ile Paralel Görüntü İşlem Mimarisi Raster İmgelerde Kenar Belirleme Uygulaması**  
Özel A., Kaya Ç., Eşmeli R., EKEN S., SAYAR A.  
2012 Akıllı Sistemlerde Yenilikler ve Uygulamaları Sempozyumu, Trabzon, Turkey, 1 - 02 June 2012, pp.1-5
- LV. Visual Analysis of Time and Location Dependent Data on the Maps**  
EKEN S., SAYAR A.  
The International Conference on Computing, Networking and Digital Technologies (ICCNDT-2012), Sanda, Bahrain, 11 - 13 November 2012, pp.176-182
- LVI. Performance Evaluations of Vector-Raster Satellite Image Transfers through Web Services**  
EKEN S., SAYAR A.

36th Annual IEEE International Computer Software and Applications Conference (COMPSAC), İzmir, Turkey, 16 - 20 July 2012, pp.346-347

**LVII. Vector Modelling of Island Satellite Images for Spatial Databases**

EKEN S., SAYAR A.

2011 International Science and Technology Conference, İstanbul, Turkey, 1 - 03 November 2011, pp.1-6

**LVIII. Vector Modeling of Island Satellite Images for Spatial Databases**

EKEN S., SAYAR A.

International Science and Technology Conference (ISTEC 2011), İstanbul, Turkey, 7 - 09 December 2011, pp.25-30

## Supported Projects

EKEN S., KURT A., TUBITAK Project, Tarihi Osmanlıca Dokümanların Sayfa Düzeni Çözümlemesi ve Satır Bölütleme Uygulaması, 2023 - 2025

Aktaş F., Eken S., Project Supported by Higher Education Institutions, Çok Modlu Öğrenme ile Ayak Tabanı Sınıflandırma (KOÜ BAP), 2023 - 2024

Eken S., Dural Balta D., Balta M., Özçelik İ., İskefiyeli M., TUBITAK Project, Su Yönetim Sistemleri için Yapay Zeka ve Büyük Veri Destekli Su Kalitesi İzleme ve Anomali Tespit Sistemi (TÜBİTAK 1005), 2023 - 2024

Eken S., Project Supported by Other Official Institutions, Değişim Sizinle Mümkün (Kocaeli Kent Konseyi Yerel Destek Programı), 2023 - 2023

Eken S., Project Supported by Other Official Institutions, Teknoloji Bağımlılığı İle Mücadelede Ebeveyn Sorumluluğu (İçişleri Bakanlığı Sivil Toplumla İlişkiler Genel Müdürlüğü), 2021 - 2022

Yağcıoğlu H. S., Eken S., TUBITAK Project, Hava Tabanlı Yörünge Verisetlerinden Sürücü Davranışı Analizi (TÜBİTAK 2209-A), 2021 - 2022

Acur C., Eken S., TUBITAK Project, SCADA Ağlardaki Siber-Fiziksel Saldırıların Federe Öğrenme ile Tespiti (TÜBİTAK 2209-A), 2021 - 2022

Erçelik U., Eken S., TUBITAK Project, Nesnelerin 3B Sınırlayıcı Kutusunun Çıkarılması: Kargo Paketi Hacim Ölçüm Kolaylaştırıcı (TÜBİTAK 2209-A), 2021 - 2022

Eken S., Solak S., Project Supported by Higher Education Institutions, Bebek Videolarındaki Bebeklerin Beden Dilini OpenPose Tabanlı Gerçek Zamanlı Çözme (KOÜ BAP), 2020 - 2021

Eken S., İlhan Omurca S., Sayar A., Ekinci E., Gültekin A., Project Supported by Higher Education Institutions, KOÜDOS Farklı Programlara Yapılan Başvuru Dosyalarının Doğrulanması (KOÜ BAP), 2020 - 2021

Eken S., Sayar A., Project Supported by Higher Education Institutions, CUDA destekli grafik işlem birimi üzerinde Yapay Alg algoritmasının paralelleştirilmesi (KOÜ BAP), 2019 - 2020

Eken S., Aktaş M., Sağlam R., TUBITAK Project, Drone Görüntülerini Kullanarak Yerküre Üzerindeki Çukur ve Duvar Yüksekliklerini Tahmin Eden Sistem (TÜBİTAK 2209-A), 2019 - 2020

Eken S., Topçu M., Dede A., TUBITAK Project, UYGAR: Uydu Görüntüsü Arama (TÜBİTAK 2209-A), 2019 - 2020

Eken S., Sayar A., Project Supported by Higher Education Institutions, MLRSnet: Kapsül Ağları Kullanarak Çok Etiketli Uzaktan Algılama Görüntü Geri Getirimi (KOÜ BAP), 2019 - 2020

Eken S., Sayar A., Project Supported by Higher Education Institutions, Dijital Dokümanlar Üzerinde Otomatik Biçim Tanıma ve Farklı İçeriklere Uyarılma: Özgeçmişler Üzerinde Durum Çalışması (KOÜ BAP), 2018 - 2019

Eken S., Sayar A., Project Supported by Higher Education Institutions, Google Streetview Görüntülerinden Derin Öğrenme Tabanlı Kocaeli Üniversitesi İçi Navigasyon Uygulaması (KOÜ BAP), 2018 - 2019

Eken S., Köksal K., TUBITAK Project, Otomatik Özgeçmiş Tasarımcısı (TÜBİTAK 2209-A), 2018 - 2019

Eken S., Sayar A., Project Supported by Higher Education Institutions, OpenZeka MARC Yarışları için Mini Otonom Araç Tasarımı ve Üretimi (KOÜ BAP), 2017 - 2018

Sayar A., Eken S., Aküzüm B., TUBITAK Project, Çeliklerde Çökelti Boyut ve Dağılımının Analizi İçin Yazılım Geliştirilmesi (TÜBİTAK 2209-A), 2017 - 2018

Sayar A., Becerikli Y., TUBITAK Project, Gerçek Zamanlı Dağıtık ve Ölçeklenebilir Araç Arama-Tanıma Sistemi (TÜBİTAK 1005), 2017 - 2018

Sayar A., TUBITAK Project, Parça Uydu Görüntülerinden Nesne Çıkarımı İçin Eşle İndirge Tabanlı Dağıtık Ve

Ölçeklenebilir Büyük Veri İşleme Mimarisi (TÜBİTAK 3001), 2016 - 2018

Eken S., Uysal S., Yılmaz E., TUBITAK Project, MAHREÇ: Mobil Tabanlı Harf Çıkış Bozukluklarının İyileştirilmesi (TÜBİTAK 2209-A), 2016 - 2017

Eken S., Sayar A., Project Supported by Higher Education Institutions, Mobese Kameraları Üzerinden Dağıtık Mesajlaşma Protokolüyle Gerçek Zamanlı Nesne Sınıflandıran Akıllı Trafik Sistemi (KOÜ BAP), 2016 - 2017

Sayar A., Kavak A., Şahin S., TUBITAK Project, Yerel Bulut Sunucu Tabanlı Etkin Bir Veri Saklama Ve İçerik Dağıtım Yönetimi Sistemi (TÜBİTAK 1003), 2013 - 2015

Eken S., Sayar A., Project Supported by Higher Education Institutions, Uydu Mozaik Ada Görüntülerinden Adaların Tespiti ve Yüksek Başarımlı Zaman-Mekansal Analizler için Vektörel Modellenmesi (KOÜ BAP), 2013 - 2015

## Patent

Arpacık A., Eken S., WILDLIFE ACCIDENT DETECTION AND WARNING SYSTEM, Patent, CHAPTER B Implementation of Operations; Transport, The Invention Recourse Number: PCT/TR2022/051364 , Standard Registration, 2022

Arpacık A., Eken S., Yaban hayatı kaza takip ve uyarı sistemi, Patent, CHAPTER B Implementation of Operations; Transport, The Invention Recourse Number: 2022/012321 , Standard Registration, 2022

## Activities in Scientific Journals

PLOS ONE, Committee Member, 2022 - Continues

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Editor, 2022 - Continues

Concurrency And Computation-Practice & Experience, Committee Member, 2022 - Continues

Cluster Computing-The Journal Of Networks Software Tools And Applications, Committee Member, 2022 - Continues

Journal of Metaverse, Committee Member, 2021 - Continues

EXPERT SYSTEMS, Special Issue Editor, 2022 - 2024

INTELLIGENT AUTOMATION AND SOFT COMPUTING, Special Issue Editor, 2022 - 2022

Computer Science And Information Systems, Special Issue Editor, 2021 - 2022

Concurrency And Computation-Practice & Experience, Special Issue Editor, 2021 - 2022

Expert Systems, Special Issue Editor, 2020 - 2021

## Scientific Refereeing

IET IMAGE PROCESSING, Journal Indexed in SCI-E, June 2022

MULTIMEDIA TOOLS AND APPLICATIONS, Journal Indexed in SCI-E, June 2022

TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES, Journal Indexed in SCI-E, June 2022

IEEE ACCESS, Journal Indexed in SCI-E, June 2022

SOFT COMPUTING, Journal Indexed in SCI-E, June 2022

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, June 2022

INTERNATIONAL JOURNAL OF ADVANCED ROBOTIC SYSTEMS, Journal Indexed in SCI-E, June 2022

JOURNAL OF ELECTRONIC IMAGING, Journal Indexed in SCI-E, June 2022

IET INTELLIGENT TRANSPORT SYSTEMS, Journal Indexed in SCI-E, June 2022

TRANSPORTATION RESEARCH RECORD, Journal Indexed in SCI-E, June 2022

CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS, Journal Indexed in SCI-E, June 2022

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, May 2022

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, May 2022

ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, May 2022

JOURNAL OF CLEANER PRODUCTION, Journal Indexed in SCI-E, May 2022

MULTIMEDIA TOOLS AND APPLICATIONS, Journal Indexed in SCI-E, April 2022

MULTIMEDIA TOOLS AND APPLICATIONS, Journal Indexed in SCI-E, April 2022

PEER-TO-PEER NETWORKING AND APPLICATIONS, Journal Indexed in SCI-E, April 2022

MULTIMEDIA TOOLS AND APPLICATIONS, Journal Indexed in SCI-E, April 2022

MULTIMEDIA TOOLS AND APPLICATIONS, Journal Indexed in SCI-E, April 2022

CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS, Journal Indexed in SCI-E, April 2022

MULTIMEDIA TOOLS AND APPLICATIONS, Journal Indexed in SCI-E, April 2022

MEDICAL & BIOLOGICAL ENGINEERING & COMPUTING, Journal Indexed in SCI-E, April 2022

TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES, Journal Indexed in SCI-E, April 2022

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, April 2022

MULTIMEDIA TOOLS AND APPLICATIONS, Journal Indexed in SCI-E, April 2022

MULTIMEDIA TOOLS AND APPLICATIONS, Journal Indexed in SCI-E, April 2022

ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, Journal Indexed in SCI-E, April 2022

MULTIMEDIA TOOLS AND APPLICATIONS, Journal Indexed in SCI-E, April 2022

PEER-TO-PEER NETWORKING AND APPLICATIONS, Journal Indexed in SCI-E, April 2022

MULTIMEDIA TOOLS AND APPLICATIONS, Journal Indexed in SCI-E, April 2022

TUBITAK Project, 1501 - Industry R & D Projects Support Program, ARD GRUP BİLİŞİM TEKNOLOJİLERİ ANONİM ŞİRKETİ, Turkey, April 2022

TUBITAK Project, 1501 - Industry R & D Projects Support Program, KUARTIS TEKNOLOJİ BİLİŞİM MÜHENDİSLİK ARAŞTIRMA GELİŞTİRME VE DAN. TİC. LTD. ŞTİ., Turkey, April 2022

TUBITAK Project, 1501 - Industry R & D Projects Support Program, BORDA TEKNOLOJİ BİLİŞİM A.Ş., Turkey, April 2022

JOURNAL OF CLEANER PRODUCTION, Journal Indexed in SCI-E, March 2022

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, March 2022

MULTIMEDIA TOOLS AND APPLICATIONS, Journal Indexed in SCI-E, March 2022

CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS, Journal Indexed in SCI-E, March 2022

IEEE ACCESS, Journal Indexed in SCI-E, March 2022

ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, March 2022

TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES, Journal Indexed in SCI-E, March 2022

Technopark, MOBİS Bilişim Sistem Yazılım Otomasyon A.Ş, Turkey, March 2022

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Turkey, March 2022

TUBITAK Project, 1501 - Industry R & D Projects Support Program, ISSD BİLİŞİM ELEKTRONİK EĞİTİM SANAYİ VE TİCARET A.Ş., Turkey, March 2022

MEDICAL & BIOLOGICAL ENGINEERING & COMPUTING, Journal Indexed in SCI-E, February 2022

CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS, Journal Indexed in SCI-E, February 2022

ENERGIES, Journal Indexed in SCI-E, February 2022

ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, Journal Indexed in SCI-E, February 2022

JOURNAL OF CLEANER PRODUCTION, Journal Indexed in SCI-E, January 2022

IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS, Journal Indexed in SCI-E, January 2022

IEEE ACCESS, Journal Indexed in SCI-E, January 2022

IEEE ACCESS, Journal Indexed in SCI-E, January 2022

TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES, Journal Indexed in SCI-E, January 2022

IMAGING SCIENCE JOURNAL, Journal Indexed in SCI-E, January 2022

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, January 2022

Technopark, YAZGEM BİLİŞİM TEKNOLOJİLERİ YAZILIM VE DANIŞMANLIK SANAYİ TİCARET LTD. ŞTİ. , Turkey, January 2022

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, Journal Indexed in SCI-E,



December 2021

IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS, Journal Indexed in SCI-E, December 2021

TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES, Journal Indexed in SCI-E, December 2021

ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, Journal Indexed in SCI-E,  
December 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, December 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, December 2021

TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES, Journal Indexed in SCI-E, December 2021

ENERGIES, Journal Indexed in SCI-E, December 2021

ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, Journal Indexed in SCI-E,  
December 2021

TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES, Journal Indexed in SCI-E, November 2021

APPLIED SCIENCES-BASEL, Journal Indexed in SCI-E, November 2021

MEDICAL & BIOLOGICAL ENGINEERING & COMPUTING, Journal Indexed in SCI-E, November 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, November 2021

IEEE ACCESS, Journal Indexed in SCI-E, November 2021

ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, Journal Indexed in SCI-E,  
November 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, November 2021

KOSGEB, PARSTEK MÜHENDİSLİK TAAHHÜT SANAYİ VE TİCARET LİMİTED ŞİRKETİ, Turkey, November 2021

TUBITAK Project, 1501 - Industry R & D Projects Support Program, DİĞİTOY İNTERAKTİF TEKNOLOJİLERİ BİLİŞİM  
YAZILIM TİC. LTD. ŞTİ., Turkey, November 2021

KOSGEB, EVSTEK BİLİŞİM TEKNOLOJİLERİ MÜHENDİSLİK HİZMETLERİ SANAYİ VE TİCARET LİMİTED ŞERKETİ, Turkey,  
November 2021

KOSGEB, ŞENGÜN MİMARLIK TEKNOLOJİ VE TİCARET LİMİTED ŞİRKETİ, Turkey, November 2021

IET INTELLIGENT TRANSPORT SYSTEMS, Journal Indexed in SCI-E, October 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, October 2021

ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, October 2021

IEEE ACCESS, Journal Indexed in SCI-E, October 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, October 2021

APPLIED SCIENCES-BASEL, Journal Indexed in SCI-E, October 2021

ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, October 2021

ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, October 2021

JOURNAL OF NETWORK AND COMPUTER APPLICATIONS, Journal Indexed in SCI-E, October 2021

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, AGCURATE BİLGİ TEKNOLOJİLERİ ANONİM  
ŞİRKETİ, Turkey, October 2021

Technopark, YAZGEM BİLİŞİM TEKNOLOJİLERİ YAZILIM VE DANIŞMANLIK SANAYİ TİCARET LTD. ŞTİ., Turkey, October  
2021

TUBITAK Project, 1501 - Industry R & D Projects Support Program, ROBMECH ROBOTİK MAKİNA VE OTOMASYON  
SANAYİ TİCARET LİMİTED ŞİRKETİ, Turkey, October 2021

Technopark, BPM GENESIS, Turkey, October 2021

Technopark, SİVENT KURUMSAL YAZILIM VE DAN. HİZ. SAN. TİC. LTD. ŞTİ., Turkey, October 2021

INTERNATIONAL JOURNAL OF MEDICAL INFORMATICS, Journal Indexed in SCI-E, September 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, September 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, September 2021

IEEE ACCESS, Journal Indexed in SCI-E, September 2021

INTERNATIONAL JOURNAL OF MEDICAL INFORMATICS, Journal Indexed in SCI-E, September 2021

IET INTELLIGENT TRANSPORT SYSTEMS, Journal Indexed in SCI-E, September 2021

MEDICAL & BIOLOGICAL ENGINEERING & COMPUTING, Journal Indexed in SCI-E, September 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, September 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, September 2021

IEEE ACCESS, Journal Indexed in SCI-E, September 2021

PEER-TO-PEER NETWORKING AND APPLICATIONS, Journal Indexed in SCI-E, September 2021

TUBITAK Project, 1509 - TÜBİTAK International Industry R&D Projects Support Program, GLOBETECH COĞRAFİ BİLGİ TEKNOLOJİLERİ YAZILIM PLANLAMA HARİTA ENERJİ EĞİTİM MÜHENDİSLİK DANIŞMANLIK LİMİTED ŞİRKETİ, Turkey, September 2021

INTERNATIONAL JOURNAL OF MEDICAL INFORMATICS, Journal Indexed in SCI-E, August 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, August 2021

ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, August 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, August 2021

PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART E-JOURNAL OF PROCESS MECHANICAL ENGINEERING, Journal Indexed in SCI-E, August 2021

IEEE ACCESS, Journal Indexed in SCI-E, August 2021

INTERNATIONAL JOURNAL OF ADVANCED ROBOTIC SYSTEMS, Journal Indexed in SCI-E, August 2021

ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, August 2021

IMAGING SCIENCE JOURNAL, Journal Indexed in SCI-E, August 2021

Technopark, Kocaeli Üniversitesi Teknoloji Transfer Ofisi Anonim Şirketi, Turkey, August 2021

Technopark, SKYWALKER TEKNOLOJİES BİLGİSAYAR YATIRIM VE SAN. TİC. A.Ş., Turkey, August 2021

GEOCARTO INTERNATIONAL, Journal Indexed in SCI-E, July 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, July 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, July 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, July 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, July 2021

INTERNATIONAL JOURNAL OF MEDICAL INFORMATICS, Journal Indexed in SCI-E, July 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, July 2021

Technopark, ATAK DOMAIN HOSTING İNTERNET VE BİLGİ TEKNOLOJİLERİ SAN. TİC. LTD. ŞTİ., Turkey, July 2021

TUBITAK Project, 1501 - Industry R & D Projects Support Program, ASELSAN ELEKTRONİK SAN. VE TİC. A.Ş. - CS TECH BİLİŞİM LİMİTED ŞİRKETİ, Turkey, July 2021

INTERNATIONAL JOURNAL OF ADVANCED ROBOTIC SYSTEMS, Journal Indexed in SCI-E, June 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, June 2021

ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, June 2021

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, Journal Indexed in SCI-E, June 2021

IET INTELLIGENT TRANSPORT SYSTEMS, Journal Indexed in SCI-E, June 2021

Technopark, NACSOFT YAZILIM, Turkey, June 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, May 2021

JOURNAL OF NETWORK AND COMPUTER APPLICATIONS, Journal Indexed in SCI-E, May 2021

MEDICAL & BIOLOGICAL ENGINEERING & COMPUTING, Journal Indexed in SCI-E, May 2021

ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, May 2021

ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, May 2021

ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, May 2021

IEEE ACCESS, Journal Indexed in SCI-E, May 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, May 2021

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, VİSİOSOFT YAZILIM SANAYİ VE TİCARET LİMİTED ŞİRKETİ, Turkey, May 2021

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, AGCURATE BİLGİ TEKNOLOJİLERİ ANONİM ŞİRKETİ, Turkey, May 2021

IEEE ACCESS, Journal Indexed in SCI-E, April 2021

Journal of Transportation and Logistics, Other Journals, April 2021

Computer Methods and Programs in Biomedicine Update, Other Indexed Journal, April 2021

JOURNAL OF NETWORK AND COMPUTER APPLICATIONS, Journal Indexed in SCI-E, April 2021

Transactions on Computational Collective Intelligence , Chapter Scientific / Professional Book Published by Renowned

Publishing Houses, April 2021

Computer Methods and Programs in Biomedicine Update, Other Indexed Journal, April 2021

IET INTELLIGENT TRANSPORT SYSTEMS, Journal Indexed in SCI-E, April 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, April 2021

IEEE ACCESS, Journal Indexed in SCI-E, April 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, March 2021

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, Journal Indexed in SCI-E, March 2021

ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, March 2021

IET IMAGE PROCESSING, Journal Indexed in SCI-E, March 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, March 2021

PEER-TO-PEER NETWORKING AND APPLICATIONS, Journal Indexed in SCI-E, March 2021

ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, March 2021

CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, Journal Indexed in SCI-E, March 2021

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, BELSOFT BİLİŞİM SİSTEMLERİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ, Turkey, March 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, February 2021

Transactions on Computational Collective Intelligence, Chapter Scientific / Professional Book Published by Renowned Publishing Houses, February 2021

ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, February 2021

IET INTELLIGENT TRANSPORT SYSTEMS, Journal Indexed in SCI-E, February 2021

ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, February 2021

IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS, Journal Indexed in SCI-E, February 2021

IEEE ACCESS, Journal Indexed in SCI-E, February 2021

INTERNATIONAL JOURNAL OF MEDICAL INFORMATICS, SCI Journal, February 2021

JOURNAL OF NETWORK AND COMPUTER APPLICATIONS, Journal Indexed in SCI-E, February 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, January 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, January 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, January 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, January 2021

ACM TRANSACTIONS ON INTELLIGENT SYSTEMS AND TECHNOLOGY, Journal Indexed in SCI-E, January 2021

IEEE ACCESS, Journal Indexed in SCI-E, January 2021

IEEE ACCESS, Journal Indexed in SCI-E, January 2021

MOBILE INFORMATION SYSTEMS, Journal Indexed in SCI-E, January 2021

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, December 2020

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, December 2020

ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, December 2020

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, December 2020

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, December 2020

IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS, Journal Indexed in SCI-E, December 2020

IEEE ACCESS, Journal Indexed in SCI-E, December 2020

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, December 2020

IEEE ACCESS, Journal Indexed in SCI-E, December 2020

PEER-TO-PEER NETWORKING AND APPLICATIONS, Journal Indexed in SCI-E, December 2020

IEEE TRANSACTIONS ON SYSTEMS MAN CYBERNETICS-SYSTEMS, Journal Indexed in SCI-E, November 2020

INTERNATIONAL JOURNAL OF REMOTE SENSING, Journal Indexed in SCI-E, November 2020

IEEE ACCESS, Journal Indexed in SCI-E, November 2020

COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, Journal Indexed in SCI-E, November 2020

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, November 2020

Technopark, Axisment Kurumsal Yazılım Danışmanlık San. ve Tic. Ltd. Şti., Turkey, November 2020

Technopark, NOKTASAL YAZILIM İNŞ.SAN.TİC.LTD.ŞTİ., Turkey, November 2020

ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, October 2020  
IMAGING SCIENCE JOURNAL, Journal Indexed in SCI-E, October 2020  
JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, October 2020  
IEEE ACCESS, Journal Indexed in SCI-E, October 2020  
JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, October 2020  
IEEE ACCESS, Journal Indexed in SCI-E, October 2020  
INTERNATIONAL JOURNAL OF ELECTRICAL ENGINEERING EDUCATION, Journal Indexed in SCI-E, October 2020  
INTERNATIONAL TRANSACTIONS ON ELECTRICAL ENERGY SYSTEMS, Journal Indexed in SCI-E, October 2020  
GEOCARTO INTERNATIONAL, Journal Indexed in SCI-E, October 2020  
TUBITAK Project, 1501 - Industry R & D Projects Support Program, PRODRUM BİLİŞİM TEKNOLOJİLERİ LİMİTED ŞİRKETİ, Turkey, October 2020  
TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, BELSOFT BİLİŞİM SİSTEMLERİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ, Turkey, October 2020  
TUBITAK Project, 1501 - Industry R & D Projects Support Program, TOFAŞ TÜRK OTOMOBİL FABRİKASI ANONİM ŞİRKETİ-BAŞARSOFT BİLGİ TEKNOLOJİLERİ A.Ş., Turkey, October 2020  
ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, September 2020  
JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, September 2020  
ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, September 2020  
ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, August 2020  
IEEE ACCESS, Journal Indexed in SCI-E, August 2020  
JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, August 2020  
INTERNATIONAL JOURNAL OF REMOTE SENSING, Journal Indexed in SCI-E, August 2020  
JOURNAL OF NETWORK AND COMPUTER APPLICATIONS, Journal Indexed in SCI-E, August 2020  
INTERNATIONAL JOURNAL OF MEDICAL INFORMATICS, Journal Indexed in SCI-E, August 2020  
CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, Journal Indexed in SCI-E, July 2020  
ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, July 2020  
GEOCARTO INTERNATIONAL, Journal Indexed in SCI-E, July 2020  
CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, Journal Indexed in SCI-E, July 2020  
INTERNATIONAL JOURNAL OF MEDICAL INFORMATICS, SCI Journal, July 2020  
JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, July 2020  
JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, July 2020  
IEEE ACCESS, Journal Indexed in SCI-E, July 2020  
IEEE ACCESS, Journal Indexed in SCI-E, July 2020  
JOURNAL OF APPLIED REMOTE SENSING, Journal Indexed in SCI-E, July 2020  
JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, July 2020  
ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, July 2020  
JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, July 2020  
JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, July 2020  
JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, July 2020  
CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, Journal Indexed in SCI-E, June 2020  
JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, June 2020  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, June 2020  
JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, June 2020  
ARABIAN JOURNAL OF GEOSCIENCES, Journal Indexed in SCI-E, June 2020  
JOURNAL OF APPLIED REMOTE SENSING, Journal Indexed in SCI-E, May 2020  
IEEE ACCESS, Journal Indexed in SCI-E, May 2020  
IEEE ACCESS, Journal Indexed in SCI-E, May 2020  
JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, May 2020  
JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, May 2020  
TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Yozgat Bozok University, Turkey, May 2020

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Eskişehir Technical University, Turkey, May 2020

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Karamanoglu Mehmetbey University, Turkey, May 2020

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Bartın University, Turkey, May 2020

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Erzurum Technical University, Turkey, May 2020

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, March 2020

INTERNATIONAL JOURNAL OF DISTRIBUTED SENSOR NETWORKS, Journal Indexed in SCI-E, March 2020

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, March 2020

MATHEMATICAL PROBLEMS IN ENGINEERING, Journal Indexed in SCI-E, March 2020

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, February 2020

EXPERT SYSTEMS, Journal Indexed in SCI-E, January 2020

GISCIENCE & REMOTE SENSING, SCI Journal, January 2020

Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, December 2019

JOURNAL OF NETWORK AND COMPUTER APPLICATIONS, Journal Indexed in SCI-E, December 2019

Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, December 2019

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, National Scientific Refreed Journal, November 2019

IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS, National Scientific Refreed Journal, November 2019

IEEE ACCESS, Journal Indexed in SCI-E, November 2019

IEEE ACCESS, Journal Indexed in SCI-E, September 2019

CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, Journal Indexed in SCI-E, August 2019

IMAGING SCIENCE JOURNAL, Journal Indexed in SCI-E, July 2019

IEEE ACCESS, Journal Indexed in SCI-E, June 2019

SAKARYA UNIVERSITY JOURNAL OF SCIENCE, National Scientific Refreed Journal, June 2019

GEOCARTO INTERNATIONAL, Journal Indexed in SCI-E, May 2019

GEOCARTO INTERNATIONAL, Journal Indexed in SCI-E, April 2019

JOURNAL OF NETWORK AND COMPUTER APPLICATIONS, Journal Indexed in SCI-E, February 2019

Journal of Applied Remote Sensing, SCI Journal, January 2018

International Journal of Distributed Systems and Technologies, Other Indexed Journal, January 2018

International Journal of Computers Communications & Control, SCI Journal, January 2018

IEEE Access, SCI Journal, January 2018

Turk J Elec Eng & Comp Sci, SCI Journal, January 2018

The Imaging Science Journal, SCI Journal, January 2018

Journal of Network and Computer Applications, SCI Journal, January 2018

The International Arab Journal of Information Technology, SCI Journal, January 2018

Part G: Journal of Aerospace Engineering, SCI Journal, January 2018

Peer-to-Peer Networking and Applications, SCI Journal, January 2017

International Journal of Distributed and Parallel Systems, Other journals, January 2017

Gaziosmanpaşa Bilimsel Araştırma Dergisi, Other Indexed Journal, January 2017

Recent Patents on Computer Science, Other Indexed Journal, January 2017

The International Arab Journal of Information Technology, SCI Journal, January 2017

International Journal of Advanced Robotic Systems, SCI Journal, January 2017

International Journal of Advanced Computer Science and Applications, Other Indexed Journal, January 2017

Journal of Applied Remote Sensing, SCI Journal, January 2017

The Imaging Science Journal, SCI Journal, January 2017

SAÜ Fen Bilimleri Enstitüsü Dergisi, Other Indexed Journal, January 2017

International Journal of Grid and High Performance Computing, Other Indexed Journal, January 2017

IEEE Access, SCI Journal, January 2017

Journal of Network and Computer Applications, SCI Journal, January 2017  
International Journal of High Performance Computing and Networking, Other Indexed Journal, January 2017  
Journal of Applied Remote Sensing, SCI Journal, January 2016  
International Journal of Distributed Systems and Technologies, Other Indexed Journal, January 2016  
International Journal of Advanced Computer Science and Applications, Other Indexed Journal, January 2016  
Journal of Computers, Other Indexed Journal, January 2016  
The Imaging Science Journal, SCI Journal, January 2016  
Journal of Network and Computer Applications, SCI Journal, January 2016  
The International Arab Journal of Information Technology, SCI Journal, January 2016  
Remote Sensing Letters, SCI Journal, January 2016  
International Journal of Advanced Robotic Systems, SCI Journal, January 2016  
International Journal of High Performance Computing and Networking, Other Indexed Journal, January 2016  
International Journal of Distributed and Parallel Systems, Other Indexed Journal, January 2016  
Peer-to-Peer Networking and Applications, SCI Journal, January 2016  
GIScience & Remote Sensing, SCI Journal, January 2016  
Journal of Computers, Other Indexed Journal, January 2015  
International Journal of Advanced Computer Science and Applications, Other Indexed Journal, January 2015  
International Journal of Distributed and Parallel Systems, Other Indexed Journal, January 2015  
The International Arab Journal of Information Technology, SCI Journal, January 2015  
International Journal of High Performance Computing and Networking, Other Indexed Journal, January 2015  
International Journal of Advanced Robotic Systems, SCI Journal, January 2015

## **Scientific Consultations**

Atık Nakit Geri Dönüşüm Ltd. Şti., Project Consultancy, Kocaeli University, Teknoloji Fakültesi, Bilişim Sistemleri Mühendisliği, Turkey, 2024 - Continues  
Mina Arge Bilişim Limited Şirketi, Project Consultancy, Kocaeli University, Teknoloji Fakültesi, Bilişim Sistemleri Mühendisliği, Turkey, 2023 - Continues  
Aurora Ar-Ge Merkezi, Scientific Consultancy, Kocaeli University, Teknoloji Fakültesi, Bilişim Sistemleri Mühendisliği, Turkey, 2020 - Continues  
VISIGHT TEKNOLOJİ SANAYİ TİC. LTD. ŞTİ., Project Consultancy, Kocaeli University, Teknoloji Fakültesi, Bilişim Sistemleri Mühendisliği, Turkey, 2021 - 2023

## **Tasks In Event Organizations**

Eken S., The 3rd International Conference on Computing and Machine Intelligence (ICMI 2023), Scientific Congress, Michigan, United States Of America, Kasım 2023  
Eken S., 3rd International Conference on Computing and Communication Networks (ICCCN-2023), Scientific Congress, Manchester, England, Kasım 2023  
Eken S., 3rd International Cumhuriyet Artificial Intelligence Applications Conference, Scientific Congress, Sivas, Turkey, Kasım 2023  
Eken S., The IEEE International Conference on Artificial Intelligence, Blockchain, and Internet of Things, (AIBThings), Scientific Congress, Michigan, United States Of America, Eylül 2023  
Eken S., International Conference on Smart Applications, Communications and Networking (SmarNets 2023), Scientific Congress, İstanbul, Turkey, Temmuz 2023  
Eken S., 2nd International Conference on Computing, IoT and Data Analytics (ICCIDA), Scientific Congress, Ciudad Real, Spain, Temmuz 2023  
Eken S., The International Conference on Intelligent Computing, Communication, Networking and Services (ICCNS2023) , Scientific Congress, Valencia, Spain, Haziran 2023

Eken S., 2022 IEEE International Conference on Big Data (IEEE BigData 2022) , Scientific Congress, Osaka, Japan, Aralık 2022

Eken S., 5th International Conference on Recent Trends in Image Processing & Pattern Recognition (RTIP2R 2022), Scientific Congress, Texas, United States Of America, Aralık 2022

Eken S., 2nd International Conference on Computing and Communication Networks (ICCCN-2022), Scientific Congress, Manchester, England, Kasım 2022

Eken S., 9th International Conference on Future Learning and Informatics 2022, Scientific Congress, Ankara, Turkey, Kasım 2022

Eken S., 24th IEEE International Multi Topic Conference 2022 (IEEE INMIC 2022), Scientific Congress, Islamabad, Pakistan, Ekim 2022

Eken S., International Conference on Computing, Intelligence and Data Analytics (ICCIDA-2022), Scientific Congress, Kocaeli, Turkey, Eylül 2022

Eken S., Akıllı Sistemlerde Yenilikler ve Uygulamaları Konferansı (ASYU 2022), Scientific Congress, Antalya, Turkey, Eylül 2022

Eken S., The Fourteenth International Conference on Advanced Geographic Information Systems, Applications, and Services (GEOProcessing 2022), Scientific Congress, Porto, Portugal, Haziran 2022

Eken S., 5th International Conference on Data Science and Applications (ICONDATA'22), Scientific Congress, Muğla, Turkey, Haziran 2022

Eken S., 30. IEEE SİNYAL İŞLEME ve İLETİŞİM UYGULAMALARI KURULTAYI (SİU 2022), Scientific Congress, Karabük, Turkey, Mayıs 2022

Eken S., 7. ULUSAL YÜKSEK BAŞARIMLI HESAPLAMA KONFERANSI, Scientific Congress, İstanbul, Turkey, Mayıs 2022

Eken S., The 2nd International Conference on Computing and Machine Intelligence (ICMI 2022), Scientific Congress, Turkey, Şubat 2022

Eken S., International Congress of Electrical and Computer Engineering (ICECENG'22), Scientific Congress, Balıkesir, Turkey, Şubat 2022

Eken S., The 5th Mediterranean Conference on Pattern Recognition and Artificial Intelligence (MedPRAI 2021), Scientific Congress, Turkey, Aralık 2021

Eken S., International Cumhuriyet Artificial Intelligence Applications Conference (CAIAC) 2021, Scientific Congress, Sivas, Turkey, Aralık 2021

Yıldırım M., Yiğit H., Gürel H. H., Solak S., Eken S., Sondaş A., Uçar M. H. B., Fatihoğlu Y. S., Metin A., Ilkin S., et al., International Conference on INnovations in Intelligent SysTems and Applications (IEEE INISTA 2021), Scientific Congress, Kocaeli, Turkey, Ağustos 2021

Eken S., The Twelfth International Conference on Advanced Geographic Information Systems, Applications, and Services (GEOProcessing 2020), Scientific Congress, Spain, Kasım 2020

Eken S., The 11th International Conference on Information and Communication Systems (ICICS 2020), Scientific Congress, Jordan, Nisan 2020

Eken S., International Conference on Big Data, Small Data, Linked Data and Open Data (ALL DATA 2020), Scientific Congress, Portugal, Şubat 2020

Eken S., 16th ACS/IEEE International Conference on Computer Systems and Applications (AICCSA 2019), Scientific Congress, United Arab Emirates, Kasım 2019

Eken S., The Eighth International Conference on Data Analytics (DATA ANALYTICS 2019), Scientific Congress, Portugal, Eylül 2019

Eken S., The Sixth International Conference on Software Defined Systems (SDS-2019) , Scientific Congress, Italy, Haziran 2019

Eken S., 2nd International Data Science Conference 2019, Scientific Congress, Austria, Mayıs 2019

Eken S., The Fifth International Conference on Big Data, Small Data, Linked Data and Open Data (ALLDATA 2019), Scientific Congress, Spain, Mart 2019

Eken S., The Eleventh International Conference on Advances in Satellite and Space Communications (SPACOMM 2019), Scientific Congress, Spain, Mart 2019

Eken S., The Eleventh International Conference on Advanced Geographic Information Systems, Applications, and Services (GEOProcessing 2019), Scientific Congress, Greece, Şubat 2019

Eken S., The Seventh International Conference on Data Analytics (DATA ANALYTICS 2018), Scientific Congress, Greece, Kasım 2018

Eken S., 15th ACS/IEEE International Conference on Computer Systems and Applications (AICCSA 2018), Scientific Congress, Jordan, Kasım 2018

Eken S., 5th International Conference on Computational and Experimental Science and Engineering (ICCESEN 2018), Scientific Congress, Turkey, Ekim 2018

Eken S., 26th Signal Processing and Communications Applications Conference (SIU 2018), Scientific Congress, Turkey, Mayıs 2018

Eken S., International Conference on Software Defined Systems (SDS 2018), Scientific Congress, Spain, Nisan 2018

Eken S., The Fourth International Conference on Big Data, Small Data, Linked Data and Open Data (ALLDATA 2018), Scientific Congress, Greece, Nisan 2018

Eken S., The Tenth International Conference on Advances in Satellite and Space Communications (SPACOMM 2018), Scientific Congress, Greece, Nisan 2018

Eken S., The 9th International Conference on Information and Communication Systems (ICICS 2018), Scientific Congress, Jordan, Nisan 2018

Eken S., The Tenth International Conference on Advanced Geographic Information Systems, Applications, and Services (GEOProcessing 2018), Scientific Congress, Italy, Mart 2018

Eken S., The Sixth International Conference on Data Analytics (DATA ANALYTICS 2017), Scientific Congress, Spain, Kasım 2017

Eken S., International Data Science Conference (iDSC 2017), Scientific Congress, Austria, Haziran 2017

Eken S., The 8th International Conference on Ambient Systems, Networks and Technologies (ANT 2017), Scientific Congress, Portugal, Mayıs 2017

Eken S., The Fourth International Conference on Software Defined Systems (SDS-2017), Scientific Congress, Spain, Mayıs 2017

Eken S., The Third International Conference on Big Data, Small Data, Linked Data and Open Data (ALLDATA 2017), Scientific Congress, Italy, Nisan 2017

Eken S., The Ninth International Conference on Advanced Geographic Information Systems, Applications, and Services (GEOProcessing 2017), Scientific Congress, France, Mart 2017

Eken S., 2nd International Conference on Software Engineering, Mobile Computing and Media Informatics, Scientific Congress, United Kingdom, Haziran 2016

Eken S., Universal Technology Management Conference (UTMC 2016), Scientific Congress, United States Of America, Mayıs 2016

Eken S., The 7th International Conference on Ambient Systems, Networks and Technologies (ANT 2016), Scientific Congress, Spain, Mayıs 2016

Eken S., Sixth International Conference on Digital Information Processing and Communications (ICDIPC), Scientific Congress, Lebanon, Nisan 2016

Eken S., The Third International Conference on Electrical, Electronics, Computer Engineering and their Applications, Scientific Congress, Lebanon, Nisan 2016

Eken S., 3rd IEEE International Symposium on Software Defined Systems , Scientific Congress, Germany, Nisan 2016

Eken S., The 7th International Conference on Information and Communication Systems, Scientific Congress, Jordan, Nisan 2016

Eken S., 3rd International workshop on Big Data and Social Networking Management and Security, Scientific Congress, Cyprus (Kkct), Aralık 2015

Eken S., 2015 IEEE Jordan Conference on Applied Electrical Engineering and Computing Technologies (AEECT), Scientific Congress, Jordan, Kasım 2015

Eken S., The Second International Conference on Computer Science, Computer Engineering, & Social Media (CSCESM2015), Scientific Congress, Poland, Eylül 2015

Eken S., International Conference on Data Mining, Multimedia, Image Processing and their Applications (ICDMMIPA2015), Scientific Congress, India, Eylül 2015

Eken S., International Conference on Database, Data Warehouse, Data Mining and Big Data (DDDMDB 2015), Scientific Congress, Indonesia, Eylül 2015



Eken S., International Conference on Big Data, Internet of Things, and Zero-Size Intelligence (BDIZSI 2015), Scientific Congress, Malaysia, Eylül 2015

Eken S., The 4th International Conference on Biomedical Engineering and Biotechnology (ICBEB2015), Scientific Congress, China, Ağustos 2015

Eken S., The 16th International Arab Conference on Information Technology (ACIT'2015), Scientific Congress, Jordan, Temmuz 2015

Eken S., The Third International Conference on Technological Advances in Electrical, Electronics and Computer Engineering (TAEECE2015), Scientific Congress, Bahrain, Mayıs 2015

## Scientific Research / Working Group Memberships

Cost European Cooperation In Science And Technology (Ca19130 - Fintech And Artificial Intelligence In Finance - Towards A Transparent Financial Industry), Kocaeli University, Türkiye, <https://fin-ai.eu/>, 2021 - Continues

Cost European Cooperation In Science And Technology (Ca18209 - European Network For Web-Centred Linguistic Data Science), Kocaeli University, Türkiye, <https://nexuslinguarum.eu>, 2021 - Continues

## Metrics

Publication: 158

Citation (WoS): 184

Citation (Scopus): 358

H-Index (WoS): 7

H-Index (Scopus): 10

## Scholarships

2211-C Öncelikli Alanlara Yönelik Doktora Burs Programı, TÜBİTAK, 2015 - 2018

## Awards

Eken S., 4. lük Ödülü, OpenZeka MARC (Mini Otonom Araç Yarışması), Openzeka, March 2019

EKEN S., 3.lük Ödülü, SANTEK 2018 (4. Uluslararası Ar-Ge Proje Pazarı), October 2018

Eken S., 1.lük Ödülü, PARDUS Dosya Sınıflandırma ve Analiz (DoSA) Açık İnovasyon Yarışması, Danışmanlık, Havelsan, August 2018

Eken S., 5. lik ödülü, OpenZeka MARC (Mini Otonom Araç Yarışması), Danışmanlık, Openzeka, May 2018