

Prof. PINAR KARAGÖZ

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAZ-9915-2020

ScopusID: 24558798100

Yoksis Researcher ID: 29200

Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Bilgisayar Mühendisliği (Dr), Turkey 1998 - 2003

Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Bilgisayar Mühendisliği (YI) (Tezli), Turkey 1996 - 1998

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, Turkey 1992 - 1996

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

IT, Doğal Dilden Veritabanı Sorgusuna: Büyük Dil Modelleri ve Güncel Gelişmeler, EuroCC2 ve EXA4MIND Projects Joint Education Event, 2023

Research Areas

Computer Sciences

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, 2018 - Continues

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, 2006 - 2011

Lecturer PhD, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, 2005 - 2006

Academic and Administrative Experience

Fakülte Yönetim Kurulu Üyesi, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, 2023 - Continues

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, 2020 - Continues

ODTÜ-TSK-MODSİMMER MYK Üyesi, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, 2018 - Continues

Bölüm Lisansüstü Kurul Üyesi, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, 2017 - 2022

Erasmus Coordinator, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, 2018 - 2020

Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, 2010 - 2014

Courses

Guided Research, Undergraduate, 2018 - 2019

Advising Theses

Karagöz P., Doğru A. H., FINANCIAL NAMED ENTITY RECOGNITION FOR TURKISH NEWS TEXTS, Postgraduate, D.DİNÇ(Student), 2022

Karagöz P., Application of text mining to technology management domain to extract topics and trends, Doctorate, Y.TEKİN(Student), 2022

Karagöz P., Location recommendation for groups on location-based social networks, Postgraduate, H.ALPER(Student), 2022

Karagöz P., Tüýdeş Yaman H., Detection and Description of Traffic Events Using Floating Car and Social Media Data, Doctorate, A.DÜNDAR(Student), 2022

Karagöz P., Analysis of graph and text representation techniques for news recommendation and news classification, Postgraduate, M.AĞRIMAN(Student), 2022

Karagöz P., Preserving privacy of health data residing in HL7 FHIR repositories through de-identification, Postgraduate, E.ŞİMŞEK(Student), 2022

Karagöz P., Explicit and implicit trust modeling compatibility and explicit trust link prediction in trust-based recommendation systems, Postgraduate, M.UTKU(Student), 2022

Karagöz P., Mutlu A., Predicting the Academic Influence and Trending Research Topics, Doctorate, M.YÜKSELEN(Student), 2022

KARAGÖZ P., Event detection via tracking the change in community structure, communication trends, and graph embeddings, Doctorate, R.AKTUNÇ(Student), 2022

Karagöz P., Yeşilada Y., Context-Aware Prediction of User Performance Problems Caused by the Situationally-Induced Impairments and Disabilities, Doctorate, M.ELGİN(Student), 2022

Karagöz P., Document Clustering on Collection of Multidisciplinary Academic Texts: Exploring Document Embeddings and Clustering Techniques, Postgraduate, M.KARA(Student), 2022

Karagöz P., A NEW DATA MINING BASED UPSCALING APPROACH FOR REGIONAL WIND POWER FORECASTING, Doctorate, M.BARIŞ(Student), 2021

KARAGÖZ P., Trust-aware location recommendation in location-based social networks, Doctorate, D.CANTÜRK(Student),

2021

Karagöz P., Crypto asset taxonomy classification and crypto newssentiment analysis, Postgraduate, O.KÖSE(Student),

2020

Karagöz P., Information extraction from news related texts using graph mining techniques, Postgraduate, R.FIRAT(Student), 2020

Karagöz P., The vessel route pattern extraction and anomaly detection from ais data, Postgraduate, G.BOZTEPE(Student), 2019

Karagöz P., Toroslu İ. H., Comparison of Integer Linear Programming and Dynamic Programming Approaches for ATM Cash Replenishment Optimization Problem, Postgraduate, F.ÖZER(Student), 2019

Karagöz P., Toroslu İ. H., CLUSTERING BASED PERSONALITY PREDICTION ON TURKISH TWEETS, Postgraduate, E.TUTAYSALGIR(Student), 2019

Karagöz P., Event detection on social media using transaction based stream processing engine, Postgraduate, H.ALPER(Student), 2019

KARAGÖZ P., Personal advertisement recommendation for microblogs, Doctorate, A.ŞİMŞEK(Student), 2019

ÇETİN Y., KARAGÖZ P., SEQUENCE ALIGNMENT BASED PROCESS FAMILY EXTRACTION, Doctorate, E.ESGİN(Student), 2018

KARAGÖZ P., Online event detection from streaming data, Postgraduate, Ö.CEREN(Student), 2018

KARAGÖZ P., Investigating the performance of segmentation methods with deep learning models for sentiment analysis on Turkish informal texts, Postgraduate, F.KURT(Student), 2018

KARAGÖZ P., BATMAZ İ., Learning to rank web data using multivariate adaptive regression splines, Postgraduate, G.ALTINOK(Student), 2018

TOROSLU İ. H., KARAGÖZ P., Product and channel prediction for direct marketing in banking sector, Postgraduate, M.MITIK(Student), 2017

KARAGÖZ P., TOROSLU İ. H., Data mining approach for direct marketing of banking products with profit/cost analysis, Postgraduate, O.KORKMAZ(Student), 2017

KARAGÖZ P., Points of interest (POI) extraction from social media, Postgraduate, İ.TALHA(Student), 2017

KARAGÖZ P., OĞUZTÜZÜN M. H. S., Spatiotemporal data mining for situation awareness in microblogs, Doctorate, Ö.ÖZDİKİŞ(Student), 2016

KARAGÖZ P., Credibility analysis on tweets for news and discussion programs by using a hybrid credibility analysis method, Postgraduate, A.FATİH(Student), 2016

KARAGÖZ P., TOROSLU İ. H., Feature based sentiment analysis on informal Turkish texts, Postgraduate, B.KAMA(Student), 2016

KARAGÖZ P., TAŞKAYA TEMİZEL T., Combining topology-based & content-based analysis for followee recommendation on Twitter, Postgraduate, A.Yanar(Student), 2015

KARAGÖZ P., Collective classification of user emotions in twitter, Postgraduate, İ.İLERİ(Student), 2015

KARAGÖZ P., Utility based and user defined scoring based mining of sequential patterns, Doctorate, Ö.ALKAN(Student), 2015

KARAGÖZ P., Personalized time-aware outdoor activity recommendation system, Postgraduate, S.RAHIMIAGHDAM(Student), 2015

KARAGÖZ P., New heuristics for performance improvement of ilp-based concept discovery systems, Postgraduate, A.DOĞAN(Student), 2015

KARAGÖZ P., Developing recommendation techniques for location based social networks using random walk, Doctorate, H.BAĞCI(Student), 2015

KARAGÖZ P., BİRTÜRK A. N., Improved wind power forecasting using combination methods, Postgraduate, C.ER(Student), 2015

KARAGÖZ P., TAŞKAYA TEMİZEL T., Combining topology-based & content-based analysis for followee recommendation on twitter, Postgraduate, A.YANAR(Student), 2015

BETİN CAN A., KARAGÖZ P., A new search engine ontology for visually impaired users, Postgraduate, E.AKKAYA(Student), 2015

KARAGÖZ P., Recommendation generation for performance improvement by using cross-organizational process mining, Postgraduate, O.YILMAZ(Student), 2015

KARAGÖZ P., A hybrid approach for credibility detection in twitter, Postgraduate, A.GÜN(Student), 2014

TOROSLU İ. H., KARAGÖZ P., Efficient rating estimation by using similarity in multi-dimensional check-in data, Postgraduate, B.UÇAR(Student), 2014

KARAGÖZ P., Automatic identification and role detection of visual elements in web pages, Postgraduate, M.ELGİN(Student), 2014

KARAGÖZ P., Employee turnover prediction using machine learning based methods, Postgraduate, Z.ÖZGE(Student), 2014

KARAGÖZ P., Tweet recommendation under user interest modeling with named entity recognition, Postgraduate, D.KARATAY(Student), 2014

KARAGÖZ P., Improving the efficiency of graph-based concept discovery systems, Postgraduate, N.Ceren(Student), 2014

TOROSLU İ. H., KARAGÖZ P., Emotion analysis on Turkish tweets, Postgraduate, S.DEMİRCİ(Student), 2014

KARAGÖZ P., Metaheuristic algorithms based automated evaluation method for public investment projects, Postgraduate, T.FİGEN(Student), 2014

KARAGÖZ P., A hybrid method for toponym recognition on informal Turkish text, Postgraduate, M.KILINÇ(Student), 2014

KARAGÖZ P., Irony detection on Turkish microblog texts, Postgraduate, H.TAŞLIOĞLU(Student), 2014

TOROSLU İ. H., KARAGÖZ P., Predicting the location and time of mobile phone users by using sequential pattern mining techniques, Postgraduate, M.ÖZER(Student), 2014

KARAGÖZ P., Data mining-based power generation forecast at wind power plants, Postgraduate, M.BARIŞ(Student), 2014

TOROSLU İ. H., KARAGÖZ P., Improving the prediction of page access by using semantically enhanced clustering, Postgraduate, E.ŞEN(Student), 2014

KARAGÖZ P., Improving the efficiency of ILP-based and graph-based concept discovery systems, Postgraduate, N.CEREN(Student), 2014

KARAGÖZ P., Improving scalability and efficiency of ILP-based and graph-based concept discovery systems, Doctorate, A.MUTLU(Student), 2013

KARAGÖZ P., A Genetic algorithm based technique for qos-aware web service composition, Postgraduate, A.Erdinç(Student), 2013

KARAGÖZ P., Sentiment-focused web crawling, Doctorate, A.GÜRAL(Student), 2013

KARAGÖZ P., A new WAP-Tree based sequential pattern mining algorithm for faster pattern extraction, Postgraduate, Ö.KEZBAN(Student), 2012

KARAGÖZ P., Emotion analysis of Turkish texts by using machine learning methods, Postgraduate, Z.BOYNUKALIN(Student), 2012

KARAGÖZ P., Web service testing for domain specific web service discovery framework, Postgraduate, S.UTKU(Student), 2012

KARAGÖZ P., Next page prediction with popularity based page rank, duration based page rank and semantic tagging approach, Postgraduate, B.DENİZ(Student), 2012

KARAGÖZ P., Automatic quality of service (QOS) evaluation for domain specific web service discovery framework, Postgraduate, E.AŞKAROĞLU(Student), 2011

KARAGÖZ P., Query interface and query language for domain specific web service discovery system, Postgraduate, H.ÖZDİL(Student), 2011

TOROSLU İ. H., KARAGÖZ P., Clustering frequent navigation patterns from website logs using ontology and temporal information, Postgraduate, S.KILIÇ(Student), 2011

KARAGÖZ P., Data mining on architecture simulation, Postgraduate, E.MADEN(Student), 2010

KARAGÖZ P., A test oriented service and object model for software product lines, Postgraduate, N.BÜLENT(Student), 2010

KARAGÖZ P., YAZICI A., Pattern extraction by using both spatial and temporal features on Turkish meteorological data, Postgraduate, İ.GÖLER(Student), 2010

KARAGÖZ P., Using ontology based web usage mining and object clustering for recommendation, Postgraduate, H.YILMAZ(Student), 2010

KARAGÖZ P., An ILP-based concept discovery system for multi-relational data mining, Doctorate, Y.KAVURUCU(Student), 2009

BAYKAL N., KARAGÖZ P., A hybrid methodology in process modeling: ?from-to chart process discovery?, Postgraduate, E.ESGİN(Student), 2009
KARAGÖZ P., Web usage mining and recommendation with semantic information, Postgraduate, S.SALIN(Student), 2009
KARAGÖZ P., A hybrid methodology in process modeling: “from-to chart based process discovery”, Postgraduate, E.Esgin(Student), 2009
KARAGÖZ P., Semantic processes for constructing composite Web services, Postgraduate, K.KARDAŞ(Student), 2007
KARAGÖZ P., WEB service composition under resource allocation constraints, Postgraduate, E.KARAKOÇ(Student), 2007
KARAGÖZ P., Implementation of concurrent constraint transaction logic and its user interface, Postgraduate, F.ALTUNYUVA(Student), 2006

Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Middle East Technical University, December, 2019
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Middle East Technical University, June, 2019
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Middle East Technical University, March, 2019

Designed Lessons

Karagöz P., Special Topics in CENG: Guided Research, Undergraduate, 2018 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Recent methods on short text stream clustering: A survey study**
Maden E., Karagöz P.
Wiley Interdisciplinary Reviews: Computational Statistics, vol.15, no.6, 2023 (SCI-Expanded)
- II. **Effect of Context on Smartphone Users' Typing Performance in the Wild**
Akpınar E., Yılmaz Y., Karagöz P.
ACM TRANSACTIONS ON COMPUTER-HUMAN INTERACTION, vol.30, no.3, 2023 (SCI-Expanded)
- III. **Trust-aware location recommendation in location-based social networks: A graph-based approach**
Cantürk D., KARAGÖZ P., Kim S., TOROSLU İ. H.
Expert Systems with Applications, vol.213, 2023 (SCI-Expanded)
- IV. **Event prediction from news text using subgraph embedding and graph sequence mining**
Çekinel R. F., Karagöz P.
WORLD WIDE WEB-INTERNET AND WEB INFORMATION SYSTEMS, vol.25, no.6, pp.2403-2428, 2022 (SCI-Expanded)
- V. **Extracting process hierarchies by multi-sequence alignment adaptations**
Esgin E., Karagöz P.
ENTERPRISE INFORMATION SYSTEMS, vol.16, no.10-11, pp.1617-1652, 2022 (SCI-Expanded)
- VI. **Event Detection via Tracking the Change in Community Structure and Communication Trends**
Aktunc R., Karagöz P., Toroslu I. H.
IEEE ACCESS, vol.10, pp.109712-109728, 2022 (SCI-Expanded)
- VII. **Twitter account classification using account metadata: organization vs. individual**
Çetinkaya Y. M., Gürlek M., Toroslu I. H., Karagöz P.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.30, no.4, pp.1404-1418, 2022 (SCI-Expanded)

- VIII. **Predicting the Trending Research Topics by Deep Neural Network Based Content Analysis**
Yukselen M., Mutlu A., Karagöz P.
IEEE ACCESS, vol.10, pp.90887-90902, 2022 (SCI-Expanded)
- IX. **Trajectory pattern extraction and anomaly detection for maritime vessels**
Karatas G. B., KARAGÖZ P., Ayran O.
INTERNET OF THINGS, vol.16, 2021 (SCI-Expanded)
- X. **Reducing the cost of wind resource assessment: using a regional wind power forecasting method for assessment**
Ozkan M. B., KARAGÖZ P.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.45, no.9, pp.13182-13197, 2021 (SCI-Expanded)
- XI. **Learning to rank by using multivariate adaptive regression splines and conic multivariate adaptive regression splines**
Altinok G., KARAGÖZ P., BATMAZ İ.
COMPUTATIONAL INTELLIGENCE, vol.37, no.1, pp.371-408, 2021 (SCI-Expanded)
- XII. **SgWalk: Location Recommendation by User Subgraph-Based Graph Embedding**
Canturk D., KARAGÖZ P.
IEEE ACCESS, vol.9, pp.134858-134873, 2021 (SCI-Expanded)
- XIII. **Wikipedia enriched advertisement recommendation for microblogs by using sentiment enhanced user profiles**
Simsek A., KARAGÖZ P.
JOURNAL OF INTELLIGENT INFORMATION SYSTEMS, vol.54, no.2, pp.245-269, 2020 (SCI-Expanded)
- XIV. **Event Detection on Communities: Tracking the Change in Community Structure within Temporal Communication Networks**
Aktunc R., TOROSLU İ. H., KARAGÖZ P.
PUTTING SOCIAL MEDIA AND NETWORKING DATA IN PRACTICE FOR EDUCATION, PLANNING, PREDICTION AND RECOMMENDATION, pp.75-96, 2020 (SCI-Expanded)
- XV. **A framework for aspect based sentiment analysis on turkish informal texts**
KARAGÖZ P., Kama B., ÖZTÜRK M., TOROSLU İ. H., Canturk D.
Journal of Intelligent Information Systems, vol.53, no.3, pp.431-451, 2019 (SCI-Expanded)
- XVI. **Data Mining-Based Upscaling Approach for Regional Wind Power Forecasting: Regional Statistical Hybrid Wind Power Forecast Technique (RegionalSHWIP)**
Ozkan M. B., KARAGÖZ P.
IEEE Access, vol.7, pp.171790-171800, 2019 (SCI-Expanded)
- XVII. **Extracting Potentially High Profit Product Feature Groups by Using High Utility Pattern Mining and Aspect Based Sentiment Analysis**
Demir S., Alkan O., Cekinel F., KARAGÖZ P.
HIGH-UTILITY PATTERN MINING: THEORY, ALGORITHMS AND APPLICATIONS, vol.51, pp.233-260, 2019 (SCI-Expanded)
- XVIII. **Neural information retrieval: at the end of the early years**
Onal K. D., Zhang Y., ALTINGÖVDE İ. S., Rahman M. M., KARAGÖZ P., Braylan A., Dang B., Chang H., Kim H., McNamara Q., et al.
INFORMATION RETRIEVAL JOURNAL, vol.21, pp.111-182, 2018 (SCI-Expanded)
- XIX. **Graph-Based Concept Discovery**
MUTLU A., KARAGÖZ P., Kavurucu Y.
ENCYCLOPEDIA OF INFORMATION SCIENCE AND TECHNOLOGY, 4TH EDITION, pp.1974-1983, 2018 (SCI-Expanded)
- XX. **A survey on location estimation techniques for events detected in Twitter**
Ozdikis O., Oguztuzun H., Karagöz P.
KNOWLEDGE AND INFORMATION SYSTEMS, vol.52, pp.291-339, 2017 (SCI-Expanded)
- XXI. **Evidential estimation of event locations in microblogs using the Dempster–Shafer theory**
Ozdikis O., Ogurtuzun H., Karagöz P.

- Information Processing and Management, vol.52, no.6, pp.1227-1246, 2016 (SCI-Expanded)
- XXII. **Improving the prediction of page access by using semantically enhanced clustering**
Sen E., TOROSLU İ. H., KARAGÖZ P.
JOURNAL OF INTELLIGENT INFORMATION SYSTEMS, vol.47, no.1, pp.165-192, 2016 (SCI-Expanded)
- XXIII. **Predicting the Location and Time of Mobile Phone Users by Using Sequential Pattern Mining Techniques**
Ozer M., Keles I., Toroslu H., KARAGÖZ P., Davulcu H.
COMPUTER JOURNAL, vol.59, no.6, pp.908-922, 2016 (SCI-Expanded)
- XXIV. **Context-aware location recommendation by using a random walk-based approach**
Bagci H., KARAGÖZ P.
KNOWLEDGE AND INFORMATION SYSTEMS, vol.47, no.2, pp.241-260, 2016 (SCI-Expanded)
- XXV. **WaPUPS: Web access pattern extraction under user-defined pattern scoring**
Alkan O. K., KARAGÖZ P.
JOURNAL OF INFORMATION SCIENCE, vol.42, no.2, pp.261-273, 2016 (SCI-Expanded)
- XXVI. **Policy-based memoization for ILP-based concept discovery systems**
Mutlu A., KARAGÖZ P.
JOURNAL OF INTELLIGENT INFORMATION SYSTEMS, vol.46, no.1, pp.99-120, 2016 (SCI-Expanded)
- XXVII. **CRoM and HuspExt: Improving Efficiency of High Utility Sequential Pattern Extraction**
Alkan O. K., KARAGÖZ P.
IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING, vol.27, no.10, pp.2645-2657, 2015 (SCI-Expanded)
- XXVIII. **Extended feature combination model for recommendations in location-based mobile services**
Sattari M., TOROSLU İ. H., KARAGÖZ P., Symeonidis P., Manolopoulos Y.
KNOWLEDGE AND INFORMATION SYSTEMS, vol.44, no.3, pp.629-661, 2015 (SCI-Expanded)
- XXIX. **A Novel Wind Power Forecast Model: Statistical Hybrid Wind Power Forecast Technique (SHWIP)**
Ozkan M. B., KARAGÖZ P.
IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS, vol.11, no.2, pp.375-387, 2015 (SCI-Expanded)
- XXX. **Sentiment-Focused Web Crawling**
Vural A. G., Cambazoglu B. B., Karagöz P.
ACM TRANSACTIONS ON THE WEB, vol.8, 2014 (SCI-Expanded)
- XXXI. **Improving pattern quality in web usage mining by using semantic information**
Senkul P., Salin S.
KNOWLEDGE AND INFORMATION SYSTEMS, vol.30, no.3, pp.527-541, 2012 (SCI-Expanded)
- XXXII. **A comparative study on ILP-based concept discovery systems**
Kavurucu Y., Senkul P., TOROSLU İ. H.
EXPERT SYSTEMS WITH APPLICATIONS, vol.38, no.9, pp.11598-11607, 2011 (SCI-Expanded)
- XXXIII. **Concept discovery on relational databases: New techniques for search space pruning and rule quality improvement**
Kavurucu Y., Senkul P., TOROSLU İ. H.
KNOWLEDGE-BASED SYSTEMS, vol.23, no.8, pp.743-756, 2010 (SCI-Expanded)
- XXXIV. **An open-source framework of neural networks for diagnosis of coronary artery disease from myocardial perfusion SPECT**
Guner L. A., Karabacak N. I., Akdemir O. U., Karagoz P., KOCAMAN S. A., ÇENGEL A., ÜNLÜ M.
JOURNAL OF NUCLEAR CARDIOLOGY, vol.17, no.3, pp.405-413, 2010 (SCI-Expanded)
- XXXV. **ILP-based concept discovery in multi-relational data mining**
Kavurucu Y., Senkul P., TOROSLU İ. H.
EXPERT SYSTEMS WITH APPLICATIONS, vol.36, no.9, pp.11418-11428, 2009 (SCI-Expanded)
- XXXVI. **Composing semantic Web services under constraints**
Karakoc E., Senkul P.
EXPERT SYSTEMS WITH APPLICATIONS, vol.36, no.8, pp.11021-11029, 2009 (SCI-Expanded)
- XXXVII. **Artificial Neural Networks May Be A Secondary Aid To Physicians For The Interpretation Of**

Quantitative Myocardial Perfusion Studies

Guner L., KARABACAK N., KARAGÖZ P., Akdemir O., ÜNLÜ M.

EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.36, 2009 (SCI-Expanded)

XXXVIII. An architecture for workflow scheduling under resource allocation constraints

Senkul P., Toroslu I.

INFORMATION SYSTEMS, vol.30, no.5, pp.399-422, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **Erişime Açık Terörizm Veri Kümeleri Kullanarak Makine Öğrenmesi ve Büyük Veri Mimarileri ile Terörle Mücadeleye Yönelik Tahminleme Yaklaşımları**
Adıgüzel F., Dereli C., Karagöz P.
Savunma Bilimleri Dergisi, vol.42, pp.119-154, 2022 (Peer-Reviewed Journal)
- II. **Trust-aware location recommendation for user groups**
Teoman H. A., Karagöz P.
APPLIED COMPUTING REVIEW, vol.22, no.3, pp.39-55, 2022 (ESCI)
- III. **Explicit and Implicit Trust Modeling for Recommendation**
Demirci U., Karagoz P.
Digital, vol.2, no.4, pp.444-462, 2022 (Scopus)
- IV. **IronyTR: Irony detection in turkish informal texts**
ÖZTÜRK A. U., Cemek Y., KARAGÖZ P.
International Journal of Intelligent Information Technologies, vol.17, no.4, 2021 (ESCI)
- V. **IronyTR**
Cemek Y., Ozturk A. U., KARAGÖZ P.
International Journal of Intelligent Information Technologies, vol.17, 2021 (ESCI)
- VI. **Personality Analysis Using Classification on Turkish Tweets**
Mavis G., TOROSLU İ. H., KARAGÖZ P.
International Journal of Cognitive Informatics and Natural Intelligence, vol.15, 2021 (ESCI)
- VII. **Comparison of Integer Linear Programming and Dynamic Programming Approaches for ATM Cash Replenishment Optimization Problem**
Ozer F., TOROSLU İ. H., KARAGÖZ P.
INTERNATIONAL JOURNAL OF APPLIED METAHEURISTIC COMPUTING, vol.11, no.3, pp.120-132, 2020 (ESCI)
- VIII. **Incremental clustering with vector expansion for online event detection in microblogs**
Ozdikis O., KARAGÖZ P., Oguztuzun H.
SOCIAL NETWORK ANALYSIS AND MINING, vol.7, no.1, 2017 (ESCI)
- IX. **Data Mining Approach for Direct Marketing of Banking Products with Profit/Cost Analysis**
Mitik M., Korkmaz O., KARAGÖZ P., TOROSLU İ. H., Yucel F.
REVIEW OF SOCIONETWORK STRATEGIES, vol.11, no.1, pp.17-31, 2017 (ESCI)
- X. **Using semantic information for distributed web service discovery**
Cantürk D., KARAGÖZ P.
International Journal of Web Science, 2011 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Unstructured Textual Data Analysis for Underground Built Heritage (UBH) Knowledge Base**
Karagöz P.
in: Underground Built Heritage Valorisation A Handbook, Giuseppe Pace, Renata Salvarani, Editor, Consiglio Nazionale delle Ricerche (CNR), Rome, pp.43-58, 2021
- II. **Recent Trends in the Use of Graph Neural Network Models for Natural Language Processing**

YILMAZ B., Genç H., Ağrıman M., Demirdöver B. K., Erdemir M., Şimşek G., KARAGÖZ P.

in: Deep Learning Techniques and Optimization Strategies in Big Data Analytics, J. Joshua Thomas, Pinar Karagoz, B. Bazeer Ahamed, Pandiant Vasant, Editor, IGI Global, Hershey, pp.274-289, 2020

III. Large-Scale Renewable Energy Monitoring and Forecast Based on Intelligent Data Analysis

Özkan M. B., Küçük D., Buhan S., Demirci T., KARAGÖZ P.

in: Handbook of Research on Smart Computing for Renewable Energy and Agro-Engineering, Valeriy Kharchenko, Pandian Vasant, Editor, IGI Global, Hershey, pp.53-77, 2020

IV. Event Detection on Communities: Tracking the Change in Community Structure within Temporal Communication Networks

Aktunç R., TOROSLU İ. H., KARAGÖZ P.

in: Putting Social Media and Networking Data in Practice for Education, Planning, Prediction and Recommendation, Mehmet KayaŞuayip BirinciJalal KawashReda Alhajj, Editor, Springer Cham, pp.75-96, 2020

V. Extracting Potentially High Profit Product Feature Groups by Using High Utility Pattern Mining and Aspect Based Sentiment Analysis

Demir S., Alkan Ö., Çekinel R. F., Karagöz P.

in: High-Utility Pattern Mining, Fournier-Viger P., Lin JW., Nkambou R., Vo B., Tseng V., Editor, Springer, London/Berlin , Zürich, pp.233-260, 2019

VI. Graph-Based Concept Discovery.

Mutlu A., Karagöz P., Kavurucu Y.

in: Encyclopedia of Information Science and Technology, Mehdi Khosrow-Pour, Editor, Global Publications , New-York, pp.1974-1983, 2018

VII. Extracting location information from crowd-sourced social network data

KARAGÖZ P., OĞUZTÜZÜN M. H. S., ÇAKICI R., ÖZDİKİŞ Ö., ÖNAL K. D., SAĞCAN M.

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VIII. Location Prediction of Mobile Phone Users Using Apriori-Based Sequence Mining with Multiple Support Thresholds

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Toffoli H., Yerli S. K., Şener C., Manguoğlu M., Sezer Uzol N., Koku H., Karagöz P., H2020 Project, EuroCC, 2020 - 2022

KARAGÖZ P., TÜBİTAK International Bilateral Joint Cooperation Program Project, Açık ve Gizli Güven İlişkilerinden Faydalanan Güven Tabanlı Öneri Teknikleri Geliştirme, 2019 - 2021

Karagöz P., Industrial Thesis Project, AIS Verileri İle Rota Örüntüsü Çıkarımı ve Anomali Tespiti Savunma Sanayii İçin Araştırmacı Yetiştirme Programı (SAYP) Projesi, 2019 - 2020

Karagöz P., Karaman A. C., Iyigün C., Özcan E., Akar H., Kuzu Demir E. B., Polat F., TUBITAK Project, YÖK Program Ve Kontenjan Yönetim Sistemi YÖK PKYS, 2018 - 2020

KARAGÖZ P., TUBITAK Project, Çizge Veritabanı İçin Haber Odaklı Metin Ve Sosyal Ağ Verilerinden Bilgi Çıkarımı Amaçlı Çizge Madenciliği Kütüphanesi, 2018 - 2020

Toroslu I. H., Karagöz P., Project Supported by Other Private Institutions, Kullanıcı yorumlarından kişilik analizi, 2017 - 2018

Akkar Ercan Z. M., Çetin Y., Özdemir Ö. F., Dalgiç C., KARAGÖZ P., Project Supported by Higher Education Institutions, BAP-08-11-2017-004 ODTÜ Merkez Yerleşke 3 Boyutlu Veri Tabanı Oluşturma, 2017 - 2018

Karagöz P., Project Supported by Other Private Institutions, ATM Para yükleme optimizasyonu, 2017 - 2017

KARAGÖZ P., ŞİMŞEK A., Project Supported by Higher Education Institutions, Sosyal Ağlar için Reklam Öneri Sistemi, 2017 - 2017

KARAGÖZ P., SÜRER E., DALGIÇ C., Project Supported by Higher Education Institutions, Askeri Eğitimde İlk Yardım Tekniklerinin Öğretilmesi Amaçlı Oyunlaştırılmış Mobil Platform, 2016 - 2017

KARAGÖZ P., TUBITAK Project, Twitr Türkçe İçin Sosyal Ağlarda Olay Bulma Ve Bulunan Olaylar İçin Konum Tahmini, 2013 - 2015

KARAGÖZ P., Kırmemiş Alkan Ö., Project Supported by Higher Education Institutions, Web'de Davranış Deseni Keşifleri için Yapay Zeka Yöntemlerinin Kullanımı, 2013 - 2013

KARAGÖZ P., TUBITAK Project, Hissiyat odaklı Ağ tarayıcı, 2012 - 2013

KARAGÖZ P., Project Supported by Higher Education Institutions, Alana Özel Web Servis Keşfi, 2011 - 2011

KARAGÖZ P., Project Supported by Higher Education Institutions, Anlamsal Bilgi Destekli Web Kullanım Madenciliği, 2009 - 2010

Activities in Scientific Journals

Turkish Journal Of Electrical Engineering And Computer Sciences, Committee Member, 2021 - Continues
Data Science and Pattern Recognition, Assistant Editor/Section Editor, 2018 - 2021

Memberships / Tasks in Scientific Organizations

ODTÜ Mühendislik Fakültesi Yönetim Kurulu, Board Member, 2023 - Continues, Turkey
TÜBİTAK EEEAG Yürütme Kurulu , Executive Board Member, 2022 - Continues, Turkey
ACM, Member, 2018 - Continues, United States Of America
ODTÜ Mühendislik Fakültesi Eğitim Komisyonu , Member, 2018 - Continues, Turkey
IEEE, Member, 2018 - Continues, United States Of America
TÜBİTAK ARDEB EEAG Danışma Kurulu, Member of Advisory Board, 2019 - 2022, Turkey

Scientific Refereeing

EMNLP Industry Track 2023, Conference Paper (Full Text), October 2023
Other International Funding Programs, Fundação para a Ciência e a Tecnologia (FCT), Portugal, April 2023
CONCURRENCY COMPUTATION PRACTICE AND EXPERIENCE, SCI Journal, February 2023
Universities of Other Countries Supported Project, Natural Sciences and Engineering Research Council of Canada, Canada, January 2021
CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS, SCI Journal, November 2020
TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Middle East Technical University, Turkey, October 2020
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Middle East Technical University, Turkey, August 2018
IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING, SCI Journal, July 2018
JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, Journal Indexed in SCI-E, January 2018
APPLIED SOFT COMPUTING, Journal Indexed in SCI-E, January 2018

Tasks In Event Organizations

Karagöz P., Şener C., Toffoli H., Yerli S. K., Manguoğlu M., Sezer Uzol N., Dülger Ö., Günel Kılıç B., Kalkan S., Karaca M., et al., 4th Workshop on High Performance Computing & Applications, Workshop Organization, Turkey, Kasım 2023
Karagöz P., Toroslu I. H., METU-Hanyang Joint Workshop, Scientific Congress, Turkey, Aralık 2022
Akkar Ercan Z. M., Karagöz P., Tiryaki İ. D., FIFTH UNDERGROUND4VALUE MEETINGS: , Scientific Congress, Ankara, Turkey, Mayıs 2022
Karagöz P., Şener C., BAŞARIM 2022 Çalışma Grubu Toplantısı - Büyük Ağ Analizi, Workshop Organization, İstanbul, Turkey, Mayıs 2022
Karagöz P., Yerli S. K., Şener C., Dülger Ö., Manguoğlu M., Uzol N., Toffoli H., Saygın A., ULUSAL YÜKSEK BAŞARIMLI HESAPLAMA KONFERANSI, Scientific Congress, İstanbul, Turkey, Mayıs 2022
Karagöz P., Kaya K., Vural E., EuroCC@Türkiye Çizge Okulu, Science / Art Camp or Summer School Organization, Ankara, Turkey, Kasım 2021
Kim S., Karagöz P., Toroslu İ. H., METU-Hanyang Joint Workshop, Workshop Organization, Seoul, South Korea, Temmuz 2021
Toffoli H., Karagöz P., Yerli S. K., Şener C., Manguoğlu M., Sezer Uzol N., High Performance Computing and Applications (HPCA), Workshop Organization, Ankara, Turkey, Mart 2021

Karagöz P., Akkar Ercan Z. M., Betin Can A., Oğuztüzün M. H. S., Tural M. K., 2019 USMOS Konferansı (Büyük veri çağında modelleme ve simülasyon), Scientific Congress, Ankara, Turkey, Kasım 2019

Scientific Research / Working Group Memberships

Veri Madenciliği Araştırma Grubu, Middle East Technical University, Turkey, <https://teghub.ceng.metu.edu.tr>, 2010 - Continues

Mobility Activity

Erasmus Programme, Lecturing, University of Ostrava, Czech Republic, 2023 - 2023

Erasmus Programme, Lecturing, Syddansk Universitet, Denmark, 2019 - 2019

Metrics

Publication: 166

Citation (WoS): 819

Citation (Scopus): 1164

H-Index (WoS): 16

H-Index (Scopus): 20

Congress and Symposium Activities

METU-Hanyang Joint Workshop, Invited Speaker, Seoul, South Korea, 2021

Ulusal Yazılım Mühendisliği Sempozyumu, Panelists, İstanbul, Turkey, 2020

Invited Talks

Konum Önerisi: Konum Tabanlı Ağlar ve Ağ Tabanlı Öneri Algoritmaları, Seminar, Hacettepe University, Turkey, November 2019

Hanyang University Computer Science Dept. Invited Talk, Seminar, Other Affiliations, South Korea, July 2019

Location Based Social Networks: Recommendation Generation for the Users, Seminar, Tobb Ekonomi Ve Teknoloji Üniversitesi, Turkey, October 2018

Awards

Karagöz P., Distinguished reviewer award, International Conference On Very Large Databases (Vldb 2022), September 2022

Karagöz P., En iyi bildiri ödülü, International Conference On Management Of Emergent Digital Ecosystems (Medes), December 2020

Akkar Ercan Z. M., Karagöz P., Sürer E., Karaaslan V., Yardımcı Çetin Y., TÜBİTAK UFUK 2020 Programı Eşik Üstü Ödülü, Tübitak, June 2020

Karagöz P., Toroslu İ. H., Best paper award, Int. Conf On Intelligent Computing And Optimization, October 2018

Non Academic Experience

Massachusetts Institute of Technology

Orta Doęu Teknik Üniversitesi, Bilgisayar Müh Bölümü

Bilkent Üniversitesi, Bilgisayar Müh Bölümü

Bilkent Üniversitesi, Bilgisayar Müh Bölümü

Orta Doęu Teknik Üniversitesi, Bilgisayar Müh Bölümü

State University of New York at Stony Brook Bilgisayar Müh Bölümü