Prof. SELMA AYŞE ÖZEL

Personal Information

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International Researcher IDs
ORCID: 0000-0001-9201-6349
Publons / Web Of Science ResearcherID: I-9828-2018
Yoksis Researcher ID: 48020

Education Information

Doctorate, Ihsan Dogramaci Bilkent University, Institute Of Engineering And Natural Sciences, Bilgisayar Mühendisliği, Turkey 1999 - 2004
Postgraduate, Uludağ Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği, Turkey 1997 - 1999
Undergraduate, Ihsan Dogramaci Bilkent University, Faculty Of Engineering, Bilgisayar Ve Enformatik Mühendisliği, Turkey 1992 - 1996

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Metadata-based and peronalized Web querying, Ihsan Dogramaci Bilkent University, Mühendislik Ve Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, 2004
Postgraduate, Üretim çizelgeleme algoritmalarının programlanması, Uludağ Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği, 1999

Research Areas

Computer Sciences, algorithms, Sorting and Searching, Database and Data Structures, Data Structures, Database Systems, Artificial Intelligence, Computer Learning and Pattern Recognition, Knowledge Engineering, Natural Language Processing, Evolutionary Computing, Text/Document Processing, Software, Soft Computing, Engineering and Technology

Academic Titles / Tasks

Professor, Cukurova University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2017 - Continues
Associate Professor, Cukurova University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2012 - 2017
Assistant Professor, Cukurova University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2007 - 2012
Assistant Professor, Uludağ Üniversitesi, Mühendislik Mimarlık Fakültesi, Endüstri Mühendisliği, 2007 - 2007

Lecturer, Uludağ Üniversitesi, Mühendislik Mimarlık Fakültesi, Endüstri Mühendisliği, 2003 - 2007

Research Assistant, Ihsan Dogramaci Bilkent University, Faculty Of Engıneerıng, Bilgisayar Mühendisliği, 1999 - 2003

Expert, Uludağ Üniversitesi, Mühendislik Mimarlık Fakültesi, Endüstri Mühendisliği, 1997 - 1999

Academic and Administrative Experience

Cukurova University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2008 - Continues

Head of Department, Cukurova University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2017 - 2020

Courses

Database Management Systems, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Data Management and File Structures, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Programming Languages, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2013 - 2014

Advanced Topics in Data Mining, Doctorate, 2019 - 2020

Data Structures, Undergraduate, 2020 - 2021

Data Structures Lab, Undergraduate, 2020 - 2021

Advising Theses

Özel S. A., Identification of cyberbullying using machine learning techniques, Doctorate, A.NAJIB(Student), 2024

Özel S. A., Detecting offensive language from social media using word embedding and language models, Postgraduate, R.BİRECİKLİ(Student), 2023

Özel S. A., Detecting multilingual offensive language in social media using deep neural networks, Postgraduate, M.BİRECİKLİ(Student), 2023

Özel S. A., Data mining based on regularized convolutional neural network for time series: Financial prediction algorithm, Doctorate, U.EJDER(Student), 2022

Özel S. A., A sentence boundary detection system for Turkish textual documents, Doctorate, Y.BEKTAŞ(Student), 2022

Özel S. A., Biopsy cost reduction for early diagnosis of breast cancer using hybrid deep learning techniques, Doctorate, P.USKANER(Student), 2022

Özel S. A., Using data mining for analyzing effects of biomarkers on decision of depression levels, Postgraduate, R.KAVAK(Student), 2022

Özel S. A., Development of recommender system algorithms for cold-start problem, Doctorate, H.YILMAZER(Student), 2022

Özel S. A., İnan A., Attribute inference over real-world online social networks: a comprehensive privacy analysis, Doctorate, Ö.ÇOBAN(Student), 2021

Özel S. A., Demir A. K., Performance analysis of congestion control protocols in internet of things networks, Postgraduate, R.SÖYÜ(Student), 2020

Özel S. A., Performance analysis of deep learning object detection based image segmentation methods, Postgraduate, R.ABDULLAH(Student), 2020

Özel S. A., Using text representation and deep learning methods for turkish text classification, Postgraduate, F.GÜVEN(Student), 2019

Özel S. A., Eşsiz E. S., Cyberbullying detection using text classification for turkish language, Postgraduate, E.ÖZTÜRK(Student), 2019

Özel S. A., Application of particle swarm optimization for computer aided diagnosis of diseases, Postgraduate, F.SUNA(Student), 2019

Özel S. A., Improving web page classification with unlabeled data, Doctorate, H.ESİN(Student), 2019

Özel S. A., Saygın Y., Privacy preserving rule-based classifiers using modified artificial bee colony optimization algorithm,

Doctorate, E.ZORARPACI(Student), 2019

Özel S. A., Effects of feature extraction techniques on classification of turkish texts, Postgraduate, Ö.AKDOĞAN(Student), 2018

Özel S. A., Dimensionality reduction for web page classification, Postgraduate, M.BASSIROU(Student), 2017

Özel S. A., A filter-based feature selection method for web page classification, Postgraduate, A.YELTEKİN(Student), 2016

Özel S. A., Product search engine using product name recognition and sentiment analysis, Doctorate, F.GÖZÜKARA(Student), 2016

Özel S. A., Selecting feature subsets with nature inspired algorithms for cyberbully detection, Doctorate, E.SARAÇ(Student), 2016

Özel S. A., Feature selection for sentiment analysis in turkish texts, Doctorate, T.PARLAR(Student), 2016

Özel S. A., An experimental evaluation for fuzzy decision trees, Postgraduate, S.ÖZTÜRK(Student), 2015

Özel S. A., Plagiarism detection supported by web usage mining for Turkish textual documents, Doctorate, M.KAYA(Student), 2015

ÖZEL S. A., Development of a software on distance education applications for compilation and plagiarism detection of C programming language assignments (Uzaktan eğitim uygulamalarında C programlama dili ödevlerinin derlenmesi ve intihal tespiti için bir yazılım geliştirilmesi), Postgraduate, M.Kaya(Student), 2011

ÖZEL S. A., Web page classification using ant colony optimization (Karınca kolonisi optimizasyonu kullanarak web sayfası sınıflandırma), Postgraduate, E.Saraç(Student), 2011

Jury Memberships

Doctorate, Tez Savunma Jürisi, Çukurova Üniversitesi, July, 2013

Doctorate, Tez Savunma Jürisi, Çukurova Üniversitesi, June, 2013

Post Graduate, Tez Savunma Jürisi, Çukurova Üniversitesi, July, 2012

Post Graduate, Tez Savunma Jürisi, Çukurova Üniversitesi, June, 2012

Post Graduate, Tez Savunma Jürisi, Çukurova Üniversitesi, June, 2011

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Defining of the nasal anthropometry on facial computed tomography in subjects with epilepsy and healthy subjects**
Öksüzler F. Y., Özandaç Polat S., Öksüzler M., Özel S. A., Tunç M., Özşahin E., Göker P.
MEDICINE, vol.103, no.36, pp.39135, 2024 (SCI-Expanded)

II. **Using BERT models for breast cancer diagnosis from Turkish radiology reports**
Uskaner Hepsağ P., Özel S. A., Dalcı K., Yazıcı A.
Language Resources and Evaluation, vol.58, no.3, pp.981-1012, 2024 (SCI-Expanded)

III. **Diverse but Relevant Recommendations with Continuous Ant Colony Optimization**
Yılmazer H., Özel S. A.
Mathematics, vol.12, no.16, 2024 (SCI-Expanded)

IV. **Transfer Learning with Fuzzy for Breast Cancer**
Uskaner Hepsağ P., Özel S. A., Yazıcı A.
JOURNAL OF INFORMATION SCIENCE AND ENGINEERING, vol.40, no.4, pp.919-939, 2024 (SCI-Expanded)

V. **A novel distance-based moving average model for improvement in the predictive accuracy of financial time series**
Ejder U., Özel S. A.
Borsa Istanbul Review, 2024 (SSCI)

VI. **ImposeSVD: Incrementing PureSVD For Top-N Recommendations for Cold-Start Problems and Sparse Datasets**
Yılmazer H. A. K. A. N., Ozel S. A.

COMPUTER JOURNAL, vol.66, no.11, pp.2595-2622, 2023 (SCI-Expanded)

VII. **A Novel Approach for Semi-supervised Learning: Incremental Parallel Training with Cross-Validation (IPT-CV)**
Ünal H. E., Özel S. A.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.48, no.8, pp.10457-10477, 2023 (SCI-Expanded)

VIII. **Crista Galli Morphometry and Morphology: An Anatomical, Radiological, and Machine Learning Application Study**
Vuralli D., Özandaç Polat S., Işık E. İ., Öksüzler M., Özel S. A., Göker P.
INTERNATIONAL JOURNAL OF MORPHOLOGY, vol.41, no.3, pp.749-757, 2023 (SCI-Expanded)

IX. **Detection and Cross-domain Evaluation of Cyberbullying in Facebook Activity Contents for Turkish**
Coban O., Ozel S. A., Inan A.
ACM Transactions on Asian and Low-Resource Language Information Processing, vol.22, no.4, pp.1-32, 2023 (SCI-Expanded)

X. **A Comparative Study on the Recognition of English and Arabic Handwritten Digits Based on the Combination of Transfer Learning and Classifier**
Al-Saffar B., Al-Abbas A. R., Özel S. A.
LECTURE NOTES IN NETWORKS AND SYSTEMS, vol.573, pp.95-107, 2023 (SCI-Expanded)

XI. **An Incremental Hierarchical Clustering Based System For Record Linkage In E-Commerce Domain**
Gözükara F., Özel S. A.
THE COMPUTER JOURNAL, vol.66, no.3, pp.581-602, 2023 (SCI-Expanded)

XII. **Inverse document frequency-based sensitivity scoring for privacy analysis**
Çoban Ö., İnan A., Özel S. A.
SIGNAL IMAGE AND VIDEO PROCESSING, vol.16, no.3, pp.735-743, 2022 (SCI-Expanded)

XIII. **Privacy preserving rule-based classifier using modified artificial bee colony algorithm***
Zorarpaci E., ÖZEL S. A.
EXPERT SYSTEMS WITH APPLICATIONS, vol.183, 2021 (SCI-Expanded)

XIV. **Facebook Tells Me Your Gender: An Exploratory Study of Gender Prediction for Turkish Facebook Users**
Coban O., Inan A., ÖZEL S. A.
ACM TRANSACTIONS ON ASIAN AND LOW-RESOURCE LANGUAGE INFORMATION PROCESSING, vol.20, no.4, 2021 (SCI-Expanded)

XV. **Privacy preserving classification over differentially private data**
ZORARPACI E., ÖZEL S. A.
WILEY INTERDISCIPLINARY REVIEWS-DATA MINING AND KNOWLEDGE DISCOVERY, vol.11, no.3, 2021 (SCI-Expanded)

XVI. **Deep Learning-based Sentiment Analysis of Facebook Data: The Case of Turkish Users**
Coban O., ÖZEL S. A., Inan A.
COMPUTER JOURNAL, vol.64, no.3, pp.473-499, 2021 (SCI-Expanded)

XVII. **Differentially private 1R classification algorithm using artificial bee colony and differential evolution**
ZORARPACI E., ÖZEL S. A.
ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, vol.94, 2020 (SCI-Expanded)

XVIII. **QER: a new feature selection method for sentiment analysis**
PARLAR T., ÖZEL S. A., Song F.
HUMAN-CENTRIC COMPUTING AND INFORMATION SCIENCES, vol.8, 2018 (SCI-Expanded)

XIX. **Interactions Between Term Weighting and Feature Selection Methods on the Sentiment Analysis of Turkish Reviews**
Parlar T., Özel S. A., Song F.
COMPUTATIONAL LINGUISTICS AND INTELLIGENT TEXT PROCESSING, (CICLING 2016), PT II, vol.9624, pp.335-346, 2018 (SCI-Expanded)

XX. **An Experimental Investigation of Document Vector Computation Methods for Sentiment Analysis of Turkish and English Reviews**

Gözükara F., ÖZEL S. A.

Çukurova Üniversitesi Mühendislik-Mimarlik Fakültesi Dergisi, vol.31, no.2, pp.467-481, 2016 (SCI-Expanded)

XXI. **A hybrid approach of differential evolution and artificial bee colony for feature selection**

ZORARPACI E., ÖZEL S. A.

EXPERT SYSTEMS WITH APPLICATIONS, vol.62, pp.91-103, 2016 (SCI-Expanded)

XXII. **A Review of Distance Learning and Learning Management Systems**

Keles M. K., ÖZEL S. A.

VIRTUAL LEARNING, pp.1-19, 2016 (SCI-Expanded)

XXIII. **Integrating an Online Compiler and a Plagiarism Detection Tool into the Moodle Distance Education System for Easy Assessment of Programming Assignments**

Kaya M., ÖZEL S. A.

COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.23, no.3, pp.363-373, 2015 (SCI-Expanded)

XXIV. **An Ant Colony Optimization Based Feature Selection for Web Page Classification**

SARAÇ E., ÖZEL S. A.

SCIENTIFIC WORLD JOURNAL, 2014 (SCI-Expanded)

XXV. **A Web page classification system based on a genetic algorithm using tagged-terms as features**

Ozel S. A.

EXPERT SYSTEMS WITH APPLICATIONS, vol.38, no.4, pp.3407-3415, 2011 (SCI-Expanded)

XXVI. **A genetic algorithm for scheduling of jobs on lines of press machines**

Ozalp S. A.

LARGE-SCALE SCIENTIFIC COMPUTING, vol.3743, pp.535-543, 2006 (SCI-Expanded)

XXVII. **Effective early termination techniques for text similarity join operator**

Ozalp S. A., Ulusoy Ö.

COMPUTER AND INFORMATION SCIENCES - ISCIS 2005, PROCEEDINGS, vol.3733, pp.791-793, 2005 (SCI-Expanded)

XXVIII. **Querying Web Metadata: Native score management and text support in databases**

Özsoyoğlu G., Altıngövde İ. S., Al-Hamdani A., Ozel S. A., Ulusoy Ö., Özsoyoğlu Z. M.

ACM TRANSACTIONS ON DATABASE SYSTEMS, vol.29, no.4, pp.581-634, 2004 (SCI-Expanded)

XXIX. **Metadata-based modeling of information resources on the web**

Ozel S. A., Altıngövde İ. S., Ulusoy Ö., Özsoyoğlu G., Özsoyoğlu Z. M.

JOURNAL OF THE AMERICAN SOCIETY FOR INFORMATION SCIENCE AND TECHNOLOGY, vol.55, no.2, pp.97-110, 2004 (SCI-Expanded)

XXX. **An interactive software package for the investigation of hydrodynamic-slider bearing-lubrication**

Ozalp A., Ozel S. A.

COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.11, no.3, pp.103-115, 2003 (SCI-Expanded)

XXXI. **Topic-centric querying of web information resources**

Altıngövde İ. S., Ozel S. A., Ulusoy Ö., Özsoyoğlu G., Özsoyoğlu Z. M.

DATABASE AND EXPERT SYSTEMS APPLICATIONS, vol.2113, pp.699-711, 2001 (SCI-Expanded)

Articles Published in Other Journals

I. **Türkçe Metinler İçin Pos Etiket Bilgisi İle Cümle Sonu Belirlenmesinde Derin Öğrenme Yöntemlerinin Başarısı**

Bektaş Y., Özel S. A.

Euroasia Journal of Mathematics, Engineering, Natural & Medical Sciences, vol.10, no.28, pp.87-99, 2023 (Peer-Reviewed Journal)

II. **Anatomical and radiological evaluation of frontal lobe morphometry in healthy and dementia people and machine learning-based prediction of dementia**

Özandaç S., Tunç M., Öksüzler M., Çoban Ö., Özel S. A., Karakaş P.

Cukurova Medical Journal, vol.48, no.2, pp.541-558, 2023 (ESCI)

III. NESNELERİN İNTERNETİ AĞLARINDA TIKANIKLIK KONTROL MEKANİZMALARI İLE RPL AMAÇ FONKSİYONLARININ KARŞILIKLI PERFORMANS ANALİZİ
Söyü R., Demir A. K., Özel S. A.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.10, no.4, pp.1400-1416, 2022 (Peer-Reviewed Journal)

IV. Think before you share in OSNs: Textual content and connection weight put you at higher privacy risk
ÇOBAN Ö., İNAN A., ÖZEL S. A.
INTERNATIONAL JOURNAL OF INFORMATION SECURITY SCIENCE, vol.11, no.2, pp.25-51, 2022 (Peer-Reviewed Journal)

V. Your Username Can Give You Away: Matching Turkish OSN Users with Usernames
ÇOBAN Ö., İNAN A., ÖZEL S. A.
INTERNATIONAL JOURNAL OF INFORMATION SECURITY SCIENCE, vol.10, no.1, pp.1-15, 2021 (Peer-Reviewed Journal)

VI. A hybrid approach of homomorphic encryption and differential privacy for privacy preserving classification
ZORARPACI E., ÖZEL S. A.
International Journal of Applied Mathematics Electronics and Computers, vol.8, no.4, pp.138-147, 2020 (Peer-Reviewed Journal)

VII. Towards the Design and Implementation of an OSN Crawler: A Case of Turkish Facebook Users
ÇOBAN Ö., İNAN A., ÖZEL S. A.
International Journal of Information Security Science, vol.9, no.2, pp.76-93, 2020 (Peer-Reviewed Journal)

VIII. Effects of Feature Extraction Techniques on Classification of Turkish Texts
AKDOĞAN Ö., ÖZEL S. A.
Çukurova Üniversitesi Mühendislik-Mimarlik Fakültesi Dergisi, vol.34, no.3, pp.95-107, 2019 (Peer-Reviewed Journal)

IX. ANALYSIS OF DATA PRE-PROCESSING METHODS FOR SENTIMENT ANALYSIS OF REVIEWS
PARLAR T., ÖZEL S. A., Song F.
COMPUTER SCIENCE-AGH, vol.20, no.1, pp.123-141, 2019 (ESCI)

X. ADAPTING TEXT CATEGORIZATION FOR MANIFEST BASED ANDROID MALWARE DETECTION
Coban O., ÖZEL S. A.
COMPUTER SCIENCE-AGH, vol.20, no.3, pp.383-405, 2019 (ESCI)

XI. An Empirical Study of the Extreme Learning Machine for Twitter Sentiment Analysis
ÇOBAN Ö., ÖZYILDIRIM B. M., ÖZEL S. A.
International Journal of Intelligent Systems and Applications in Engineering, vol.6, no.3, pp.178-184, 2018 (Peer-Reviewed Journal)

XII. Performance of Using Tag-based Feature Sets in Web Page Classification
ÜNAL H. E., ÖZEL S. A., ÜNAL İ.
SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, vol.22, no.2, pp.583-594, 2018 (Peer-Reviewed Journal)

XIII. An Investigation of Term Weighting and Feature Selection Methods for Sentiment Analysis
Parlar T., ÖZEL S. A.
Majlesi Journal of Electrical Engineering, vol.12, no.2, 2018 (Scopus)

XIV. Effects of Feature Extraction and Classification Methods on Cyberbully Detection
SARAÇ EŞSİZ E., ÖZEL S. A.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.21, no.1, pp.190-200, 2017 (Peer-Reviewed Journal)

XV. Focused Web Crawler Development Challenges: Ec-crawler
Gözükara F., ÖZEL S. A.
International Journal of Computer Science and Engineering, vol.6, no.1, pp.1-34, 2017 (Peer-Reviewed Journal)

XVI. A Product Search Engine Supporting ?Best Product? Queries
Gözükara F., ÖZEL S. A.

Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.31, no.2, pp.260-269, 2016 (Peer-Reviewed Journal)

XVII. **Formulaicity in Turkish: Evidence from the Turkish National Corpus**
ÖZEL S. A., Bektaş Y., Yılmazer H.
Mersin Üniversitesi Dil ve Edebiyat Dergisi, vol.13, no.2, pp.1-33, 2016 (Peer-Reviewed Journal)

XVIII. **Effects of Term Weighting Methods on the Sentiment Analysis of Turkish Reviews**
PARLAR T., ÖZEL S. A.
Çukurova Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.34, no.1, pp.68-77, 2016 (Non Peer-Reviewed Journal)

XIX. **An Experimental Evaluation for Fuzzy Decision Trees**
ÖZTÜRK S., ÖZEL S. A.
Journal of Science and Engineering, vol.32, no.9, pp.123-132, 2015 (Non Peer-Reviewed Journal)

XX. **An Artificial Bee Colony Based Algorithm for Feature Selection**
ZORARPACI E., ÖZEL S. A., GÜNGÖR S.
ÇUKUROVA ÜNİVERSİTESİ MÜHENDİSLİK MİMARLIK FAKÜLTESİ DERGİSİ, vol.30, no.1, pp.25-31, 2015 (Peer-Reviewed Journal)

XXI. **Türkçe Dokümanlardaki Benzerliklerin Tespiti İçin Mevcut Yazılımların Karşılaştırılması ve Türkçe Karakter Kullanımı ile Kök Almanın Etkisinin İncelenmesi**
Kaya M., ÖZEL S. A.
ÇUKUROVA ÜNİVERSİTESİ MÜHENDİSLİK MİMARLIK FAKÜLTESİ DERGİSİ, vol.29, no.2, pp.115-129, 2014 (Peer-Reviewed Journal)

XXII. **Nitelik Seçme Problemi İçin Diferansiyel Gelişim Algoritması Ve Yapay Arı Kolonisi Optimizasyon Tekniğini Kullanan Melez Yöntem**
ZORARPACI E., ÖZEL S. A.
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Mühendislik Bilimleri Dergisi, vol.16, no.48, pp.49-60, 2014 (Peer-Reviewed Journal)

XXIII. **A comparison of text similarity detection software for Turkish documents and investigating the effects of stemming and Turkish character usage**
KELEŞ M. K., ÖZEL S. A.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.29, no.2, pp.115-129, 2014 (Peer-Reviewed Journal)

XXIV. **Web Page Classification Using Ant Colony Optimization**
SARAÇ E., ÖZEL S. A.
Çukurova Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.25, no.2, pp.11-20, 2011 (Peer-Reviewed Journal)

XXV. **Development of a Software on Distance Education Applications for Compilation and Plagiarism Detection of C Programming Language Assignments**
Kaya M., ÖZEL S. A.
Çukurova Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.26, no.1, pp.98-106, 2011 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Sentiment Analysis, Opinion Mining, Subjectivity, and Social Media**
PARLAR T., ÖZEL S. A., Song F.
in: Lecture Notes in Computer Science book seriesTheoretical Computer Science and General Issues, Alexander Gelbukh, Editor, Springer, pp.335-346, 2018

II. **Interactions Between Term Weighting and Feature Selection Methodson the Sentiment Analysis of Turkish Reviews**
Parlar T., ÖZEL S. A., Song F.
in: Computational Linguistics and Intelligent Text Processing, Part II, Part of the Lecture Notes in Computer Science book series (LNCS, volume 9624), Alexander Gelbukh, Editor, Springer, 2018

III. **Sıralama**
ÖZEL S. A.
in: Algoritmalar, Şadi Evren Şeker, Editor, Nobel, pp.243-360, 2018

Refereed Congress / Symposium Publications in Proceedings

I. **Multi-Classification of Depression Levels Based on Blood Biomarkers**
Kavak R., Özel S. A., Özandaç Polat S., Özler S.
8th International Artificial Intelligence and Data Processing, Malatya, Turkey, 21 September 2024, pp.1-7

II. **Cyberbullying Detection Using Machine Learning and Deep Learning for Turkish tex**
Najib A., Özel S. A., Çoban Ö., Khan R. A. N.
9th INTERNATIONAL STUDENT SYMPOSIUM, İstanbul, Turkey, 01 December 2023, pp.65-80

III. **Comparative Analysis of Cyberbullying Detection: A case study for Turkish and English**
Najib A., Özel S. A., Çoban Ö.
2023 Innovations in Intelligent Systems and Applications Conference (ASYU), Sivas, Turkey, 11 October 2023, pp.1-6

IV. **Enhancing Fake News Detection through Clustering with Convolutional Neural Networks**
Biçer M., Özel S. A.
2023 Innovations in Intelligent Systems and Applications Conference (ASYU), Sivas, Turkey, 11 October 2023, pp.1-6

V. **IMPLEMENTATION OF GLOVE EMBEDDINGS AND BILSTM MODEL FOR SENTIMENT ANALYSIS ON IMDB DATASET**
Biçer M., Özel S. A.
International Informatics Congress (IIC2023), Batman, Turkey, 20 March 2023, pp.28-35

VI. **Improving Web Page Classification with two Novel Approaches on Semi Supervised Learning**
Ünal H. E., Özel S. A.
İzmir International Conference on Technology and Social Sciences IICTSS 2022, İzmir, Turkey, 17 - 19 August 2022, pp.25

VII. **An Outlier Analysis on Multi-Dimensional and Time-Series Data**
Mengutaycı Ü., Özel S. A.
International Joint Conference on Engineering, Science and Artificial Intelligence-IJCESAI 2022, Balıkesir, Turkey, 15 June 2022, pp.162-168

VIII. **Privacy Risk Analysis for Facebook Users,Facebook Kullanicilari Icin Gizlilik Riski Analizi**
Coban O., Inan A., Özel S. A.
2020 28th Signal Processing and Communications Applications Conference, SIU 2020 - Proceedings, Gaziantep, Turkey, 05 October 2020, pp.1-4

IX. **A Comparison of Word Embedding and Traditional Text Representation Methods for Sentiment Analysis from Turkish Tweets**
ÖZEL S. A., Güven F.
5th International Congress on Natural and Engineering Sciences (ICNES), İstanbul, Turkey, 27 - 30 August 2019, pp.54-59

X. **A New Dataset for Cyberbully Detection from Turkish Texts**
ÖZEL S. A., ÖZTÜRK E., SARAÇ EŞSİZ E.
5th International Congress on Natural and Engineering Sciences (ICNES), İstanbul, Turkey, 27 - 30 August 2019, pp.48-53

XI. **Turkish named entity discovery based on termsets**
ÇOBAN Ö., ÖZEL S. A., İNAN A.
4. Uluslararası Bilgisayar Bilimleri veMühendisliği Konferansı, Samsun, Turkey, 11 - 15 September 2019, pp.45-49

XII. **A Median-based Filter Method for Feature Selection of Text Categorization**
ZORARPACI E., ÖZEL S. A.

ICAII4.0 - International Conference on Artificial Intelligence towards Industry 4.0, 15 - 17 November 2018

XIII. **A Review of Applied Feature Selection and Dimension Reduction Methods for Clustering**
DİNÇ B., ÖZYILDIRIM B. M., ÖZEL S. A.
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018

XIV. **Using Fuzzy Sets for Detecting Cyber Terrorism and Extremism in the Text**
Uzel V. N., Essiz E. S., ÖZEL S. A.
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Memberships / Tasks in Scientific Organizations

Association of Computing Machinery (ACM), Member, 2001 - Continues

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