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Personal Information

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Education Information

Doctorate, Syracuse University, Computer And Information Science, Computer Science, United States Of America 1985 - 1991

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Design and Implementation of An Abstract MetaProlog Engine for MetaProlog, Syracuse University, Bilgisayar Bilimleri, 1991

Research Areas

Computer Sciences, Theoretical Computer Science, Artificial Intelligence, Computer Learning and Pattern Recognition, Knowledge Engineering, Computer Learning, Natural Language Processing, Text/Document Processing, Software, Programming Languages, Engineering and Technology

Academic Titles / Tasks

Professor, Hacettepe University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2011 - Continues
Assistant Professor, Ihsan Dogramaci Bilkent University, Faculty Of Engıneerıng, Department Of Computer Engıneerıng, 1993 - 2011

Academic and Administrative Experience

Hacettepe Üniversitesi, Bilişim Enstitüsü, 2012 - Continues
Hacettepe Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2011 - Continues

Advising Theses

ÇİÇEKLİ İ., Lexical cohesion analysis for topic segmentation, summarization and keyphrase extraction, Doctorate, G.ERCAN(Student), 2012

ÇİÇEKLİ İ., Text Summarization Using Latent Semantic Analysis, Postgraduate, M.GÜLÇİN(Student), 2011

ÇİÇEKLİ İ., Automating information extraction task for Turkish texts, Doctorate, S.TATAR(Student), 2011

ÇİÇEKLİ İ., Noun phrase chunker for Turkish using dependency parser, Postgraduate, M.KUTLU(Student), 2010

ÇİÇEKLİ İ., Searching documents with semantically related keyphrases, Postgraduate, İ.AYGÜL(Student), 2010

ÇİÇEKLİ İ., Natural language query processing in ontology based multimedia databases, Postgraduate, F.ALACA(Student), 2010

ÇİÇEKLİ İ., Ontology based information extraction on free text radiological reports using natural language processing approach, Doctorate, E.SOYSAL(Student), 2010

ÇİÇEKLİ İ., Turkish factoid question answering using answer pattern matching, Postgraduate, N.PALA(Student), 2009

ÇİÇEKLİ İ., Automatic video categorization and summarization, Postgraduate, K.DEMİRTAŞ(Student), 2009

ÇİÇEKLİ İ., Futbol maç anlatımlarından üstveri çıkarma, Postgraduate, Ö.GÖKTÜRK(Student), 2008

ÇİÇEKLİ İ., Induction of logical relations based on specific generalization of strings, Postgraduate, Y.UZUN(Student), 2007

ÇİÇEKLİ İ., Example based machine translation with type associated translation examples, Postgraduate, H.DOĞAN(Student), 2007

ÇİÇEKLİ İ., Improving the precision of example-based machine translation by learning from user feedback, Postgraduate, T.OSMAN(Student), 2007

ÇİÇEKLİ İ., Automated text summarization and keyphrase extraction, Postgraduate, G.ERCAN(Student), 2006

ÇİÇEKLİ İ., A link grammar for turkish, Postgraduate, Ö.İSTEK(Student), 2006

ÇİÇEKLİ İ., Generalization of predicates with string arguments, Postgraduate, G.CANITEZER(Student), 2002

ÇİÇEKLİ İ., Turkish text to speech system, Postgraduate, B.EKER(Student), 2002

ÇİÇEKLİ İ., Turkish to Crimean Tatar machine translation system, Postgraduate, K.ALTINTAŞ(Student), 2001

ÇİÇEKLİ İ., Error tolerant finite state parsing for a Turkish dialogue system, Postgraduate, A.ÇONDUROĞLU(Student), 2001

ÇİÇEKLİ İ., Prefix suffix based statistical language models of Turkish, Postgraduate, U.TOPKARA(Student), 2001

ÇİÇEKLİ İ., Turing test and conversation, Postgraduate, A.PINAR(Student), 1999

ÇİÇEKLİ İ., Confidence factor assignment to translation templates, Postgraduate, O.ZEYNEP(Student), 1998

ÇİÇEKLİ İ., Design and implementation of a system for mapping text meaning representations to F-structures of Turkish, Postgraduate, S.MURAT(Student), 1997

ÇİÇEKLİ İ., Turkish text generation with systemic- functional grammar, Postgraduate, T.KORKMAZ(Student), 1996

Published journal articles indexed by SCI, SSCI, and AHCI

I. **A Hybrid Approach for Automated Short Answer Grading**
KAYA M., ÇİÇEKLİ İ.
IEEE ACCESS, pp.96332-96341, 2024 (SCI-Expanded)

II. **REHREC: Review Effected Heterogeneous Information Network Recommendation System**
Khalilzadeh F., ÇİÇEKLİ İ.
IEEE Access, vol.12, pp.42751-42760, 2024 (SCI-Expanded)

III. **Protest Event Analysis: A New Method Based on Twitter's User Behaviors**
Zadeh M. H., ÇİÇEKLİ İ.
Information Technology and Control, vol.52, no.2, pp.457-470, 2023 (SCI-Expanded)

IV. **An external plagiarism detection system based on part-of-speech (POS) tag n-grams and word embedding**
Yalcin K., ÇİÇEKLİ İ., ERCAN G.
EXPERT SYSTEMS WITH APPLICATIONS, vol.197, 2022 (SCI-Expanded)

V. **Learning term weights by overfitting pairwise ranking loss**
Sahin Ö., ÇİÇEKLİ İ., Ercan G.

Turkish Journal of Electrical Engineering and Computer Sciences, vol.30, no.5, pp.1914-1930, 2022 (SCI-Expanded)

VI.   **Selective personalization and group profiles for improved web search personalization**
Mansoub S. K., ERCAN G., ÇİÇEKLİ İ.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.28, no.3, pp.1631-1643, 2020 (SCI-Expanded)

VII. **Topic segmentation using word-level semantic relatedness functions**
ERCAN G., ÇİÇEKLİ İ.
JOURNAL OF INFORMATION SCIENCE, vol.42, no.5, pp.597-608, 2016 (SCI-Expanded)

VIII. **Keyphrase extraction through query performance prediction**
Ercan G., ÇİÇEKLİ İ.
JOURNAL OF INFORMATION SCIENCE, vol.38, no.5, pp.476-488, 2012 (SCI-Expanded)

IX.   **A ranking method for example based machine translation results by learning from user feedback**
Daybelge T., Cicekli I.
APPLIED INTELLIGENCE, vol.35, no.2, pp.296-321, 2011 (SCI-Expanded)

X.   **Automatic rule learning exploiting morphological features for named entity recognition in Turkish**
Tatar S., ÇİÇEKLİ İ.
JOURNAL OF INFORMATION SCIENCE, vol.37, no.2, pp.137-151, 2011 (SCI-Expanded)

XI.   **Text Summarization using Latent Semantic Analysis**
ÇİÇEKLİ İ., alpaslan f., Ozsoy M.
JOURNAL OF INFORMATION SCIENCE, vol.35, pp.296-321, 2011 (SCI-Expanded)

XII. **Automatic categorization and summarization of documentaries**
Demirtas K., Cicekli N. K., Cicekli I.
JOURNAL OF INFORMATION SCIENCE, vol.36, no.6, pp.671-689, 2010 (SCI-Expanded)

XIII. **Design and evaluation of an ontology based information extraction system for radiological reports**
Soysal E., Cicekli I., BAYKAL N.
COMPUTERS IN BIOLOGY AND MEDICINE, vol.40, pp.900-911, 2010 (SCI-Expanded)

XIV. **Generic Text Summarization for Turkish**
Kutlu M., Cigir C., Cicekli I.
COMPUTER JOURNAL, vol.53, no.8, pp.1315-1323, 2010 (SCI-Expanded)

XV.   **Two learning approaches for protein name extraction**
Tatar S., Cicekli I.
JOURNAL OF BIOMEDICAL INFORMATICS, vol.42, no.6, pp.1046-1055, 2009 (SCI-Expanded)

XVI. **Natural language querying for video databases**
Erozel G., Cicekli N. K., Cicekli I.
INFORMATION SCIENCES, vol.178, no.12, pp.2534-2552, 2008 (SCI-Expanded)

XVII. **Using lexical chains for keyword extraction**
Ercan G., Cicekli Y.
INFORMATION PROCESSING & MANAGEMENT, vol.43, no.6, pp.1705-1714, 2007 (SCI-Expanded)

XVIII. **Formalizing the specification and execution of workflows using the event calculus**
Cicekli N. K., Cicekli I.
INFORMATION SCIENCES, vol.176, no.15, pp.2227-2267, 2006 (SCI-Expanded)

XIX. **Generalizing predicates with string arguments**
Cicekli I., Cicekli N. K.
APPLIED INTELLIGENCE, vol.25, no.1, pp.23-36, 2006 (SCI-Expanded)

XX.   **Pragmatics in human-computer conversations**
Saygin A. P., Cicekli I.
JOURNAL OF PRAGMATICS, vol.34, no.3, pp.227-258, 2002 (SSCI)

XXI. **Learning translation templates from bilingual translation examples**
Cicekli I., GUVENIR H.
APPLIED INTELLIGENCE, vol.15, no.1, pp.57-76, 2001 (SCI-Expanded)

XXII. **Turing Test: 50 years later**

SAYGIN A., Cicekli I., AKMAN V.

MINDS AND MACHINES, vol.10, no.4, pp.463-518, 2000 (SCI-Expanded)

XXIII. **Learning translation templates from examples**

GUVENIR H., Cicekli I.

INFORMATION SYSTEMS, vol.23, no.6, pp.353-363, 1998 (SCI-Expanded)

XXIV. **An intelligent backtracking schema in a logic programming environment**

Cicekli I.

ACM SIGPLAN NOTICES, vol.32, no.3, pp.42-49, 1997 (SCI-Expanded)

Articles Published in Other Journals

I. **An ontology-based approach to parsing Turkish sentences**

ÇİÇEKLİ İ., temizsoy M.

LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, vol.1529, pp.124-135, 1998 (Scopus)

II. **Ordering translation templates by assigning confidence factors**

ÇİÇEKLİ İ., Oz Z.

LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, vol.1529, pp.51-61, 1998 (Scopus)

III. **Theories and proofs in fault diagnosis**

ÇİÇEKLİ İ.

Lecture Notes in Artificial Intelligence, vol.1480, pp.181-194, 1998 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

I. **Comparison of Textual Data Augmentation Methods on SST-2 Dataset**

Çataltaş M., Baykan N. A., ÇİÇEKLİ İ.

2nd International Congress of Electrical and Computer Engineering, ICECENG 2023, Bandirma, Turkey, 22 - 25 November 2023, pp.189-201

II. **Automatic Term Extraction with Joint Multilingual Learning**

Karaman I. N., ÇİÇEKLİ İ., Ercan G.

7th International Conference on Computer Science and Engineering, UBMK 2022, Diyarbakır, Turkey, 14 - 16 September 2022, pp.159-164

III. **Noun Phrase Chunking for Turkish Using a Dependency Parser**

Kutlu M., ÇİÇEKLİ İ.

30th International Symposium on Computer and Information Sciences (ISCIS), London, Canada, 21 - 24 September 2015, vol.363, pp.381-391

IV. **Content-Based News Recommendation: Comparison of Time-Based System and Keyphrase-Based System**

Tasci S., ÇİÇEKLİ İ.

6th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K), Rome, Italy, 21 - 24 October 2014, vol.553, pp.84-98

V. **Developing A Platform That Supplies Processed Information From Internet Resources And Services**

Suleymanov N., ÇİÇEKLİ İ.

2nd International Conference on Soft Computing and Machine Intelligence (ISCMI), Hong Kong, PEOPLES R CHINA, 23 - 24 November 2015, pp.116-120

VI. **TurKeyX: Turkish Keyphrase Extractor**

Kalaycilar F., Cicekli I.

23rd International Symposium on Computer and Information Sciences, İstanbul, Turkey, 27 - 29 October 2008, pp.374-377

VII. **Lexical cohesion based topic modeling for summarization**

Ercan G., Cicekli I.

9th International Conference on Intelligent Text Processing and Computational Linguistics, Haifa, Israel, 17 - 23 February 2008, vol.4919, pp.582-592

VIII. **METADATA EXTRACTION FROM TEXT IN SOCCER DOMAIN**

Gokturk Z. O., Cicekli N. K., Cicekli I.

23rd International Symposium on Computer and Information Sciences (ISCIS), İstanbul, Turkey, 27 - 29 October 2008, pp.425-426

IX. **Automated Web Services Composition with the Event Calculus**

AYDIN O., Cicekli N. K., Cicekli I.

8th International Workshop on Engineering Societies in the Agents World, Athens, Greece, 22 - 24 October 2007, vol.4995, pp.142-144

X. **Induction of logical relations based on specific generalization of strings**

Uzun Y., Cicekli I.

22nd International Symposium on Computer and Information Sciences, Ankara, Turkey, 7 - 09 November 2007, pp.162-167

XI. **Turkish keyphrase extraction using KEA**

Pala N., Cicekli I.

22nd International Symposium on Computer and Information Sciences, Ankara, Turkey, 7 - 09 November 2007, pp.192-196

XII. **A machine translation system between a pair of closely related languages**

ALTINTAS K., Cicekli I.

17th International Symposium on Computer and Information Sciences, Florida, United States Of America, 28 - 30 October 2002, pp.192-196

Metrics

Publication: 39
Citation (WoS): 386
Citation (Scopus): 355
H-Index (WoS): 11
H-Index (Scopus): 10

Non Academic Experience

Bilkent Üniversitesi
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