

Prof.Dr. BURCU CAN BUĞLALILAR

Kişisel Bilgiler

E-posta: burcu.can@hacettepe.edu.tr

Web: <http://web.cs.hacettepe.edu.tr/~burcucan/>

Uluslararası Araştırmacı ID'leri

ORCID: 0000-0002-1700-0395

Publons / Web Of Science ResearcherID: M-8346-2018

Yoksis Araştırmacı ID: 169141

Eğitim Bilgileri

Doktora, University of York, Computer Science, Birleşik Krallık 2007 - 2011

Yüksek Lisans, Hacettepe Üniversitesi, Bilgisayar Mühendisliği, Türkiye 2005 - 2007

Lisans, Hacettepe Üniversitesi, Mühendislik Fakültesi, Türkiye 2001 - 2005

Yabancı Diller

İngilizce, C1 İleri

Rusça, A1 Başlangıç

İspanyolca, A1 Başlangıç

Araştırma Alanları

Bilgisayar Bilimleri, Yapay Zeka, Bilgisayarda Öğrenme ve Örüntü Tanıma, Doğal Dil İşlemesi , Metin/Doküman İşleme , Mühendislik ve Teknoloji

Verdiği Dersler

DATA MANAGEMENT, Lisans, 2017 - 2018, 2016 - 2017

VERİ YAPILARI, Lisans, 2017 - 2018, 2016 - 2017

Yönetilen Tezler

CAN BUĞLALILAR B., Morphological segmentation using Dirichlet process based bayesian non-parametric models, Yüksek Lisans, S.KUMYOL(Öğrenci), 2016

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

1. Joint learning of morphology and syntax with cross-level contextual information flow
CAN BUĞLALILAR B., Alecakir H., Manandhar S., Bozsahin C.
NATURAL LANGUAGE ENGINEERING, cilt.28, sa.6, ss.763-795, 2022 (SCI-Expanded)

- II. **Attention: there is an inconsistency between android permissions and application metadata!**
Alecakir H., Can B., Sen S.
INTERNATIONAL JOURNAL OF INFORMATION SECURITY, cilt.20, sa.6, ss.797-815, 2021 (SCI-Expanded)
- III. **Incorporating word embeddings in unsupervised morphological segmentation**
Ustun A., CAN BUĞLALILAR B.
NATURAL LANGUAGE ENGINEERING, cilt.27, sa.5, ss.609-629, 2021 (SCI-Expanded)
- IV. **Transfer learning for Turkish named entity recognition on noisy text**
Kagan Akkaya E., CAN BUĞLALILAR B.
NATURAL LANGUAGE ENGINEERING, cilt.27, sa.1, ss.35-64, 2021 (SCI-Expanded)
- V. **Unsupervised Joint PoS Tagging and Stemming for Agglutinative Languages**
BÖLÜCÜ N., CAN BUĞLALILAR B.
ACM TRANSACTIONS ON ASIAN AND LOW-RESOURCE LANGUAGE INFORMATION PROCESSING, cilt.18, sa.3, 2019 (SCI-Expanded)
- VI. **Turkish lexicon expansion by using finite state automata**
Ozturk B., CAN BUĞLALILAR B.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, cilt.27, sa.2, ss.1012-1027, 2019 (SCI-Expanded)
- VII. **Tree Structured Dirichlet Processes for Hierarchical Morphological Segmentation**
CAN BUĞLALILAR B., Manandhar S.
COMPUTATIONAL LINGUISTICS, cilt.44, sa.2, ss.349-374, 2018 (SCI-Expanded)
- VIII. **Unsupervised learning of allomorphs in Turkish**
CAN BUĞLALILAR B.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, cilt.25, sa.4, ss.3253-3260, 2017 (SCI-Expanded)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Context Based Automatic Spelling Correction for Turkish**
BÖLÜCÜ N., CAN BUĞLALILAR B.
International Scientific Meeting on Electrical-Electronics and Biomedical Engineering and Computer Science (EBBT), İstanbul, Türkiye, 24 - 26 Nisan 2019
- II. **Using Morpheme-level Attention Mechanism for Turkish Sequence Labelling**
Esref Y., CAN BUĞLALILAR B.
27th Signal Processing and Communications Applications Conference (SIU), Sivas, Türkiye, 24 - 26 Nisan 2019
- III. **Characters or Morphemes: How to Represent Words?**
Ustun A., Kurfali M., CAN BUĞLALILAR B.
3rd Workshop on Representation Learning for NLP (RepL4NLP), Melbourne, Avustralya, 20 Temmuz 2018, ss.144-153
- IV. **Neural Text Normalization for Turkish Social Media**
Goker S., CAN BUĞLALILAR B.
3rd International Conference on Computer Science and Engineering (UBMK), Sarajevo, Bosna-Hersek, 20 - 23 Eylül 2018, ss.161-166
- V. **Turkish PoS Tagging by Reducing Sparsity with Morpheme Tags in Small Datasets**
CAN BUĞLALILAR B., Ustun A., Kurfali M.
17th International Conference on Intelligent Text Processing and Computational Linguistics (CICLing), Konya, Türkiye, 3 - 09 Nisan 2016, cilt.9623, ss.320-331
- VI. **Joint PoS Tagging and Stemming for Agglutinative Languages**
BÖLÜCÜ N., CAN BUĞLALILAR B.
18th International Conference on Computational Linguistics and Intelligent Text Processing (CICLing), Budapest, Macaristan, 17 - 23 Nisan 2017, cilt.10761, ss.110-122

- VII. **A Trie-structured Bayesian Model for Unsupervised Morphological Segmentation**
Kurfali M., Ustun A., CAN BUĞLALILAR B.
18th International Conference on Computational Linguistics and Intelligent Text Processing (CICLing), Budapest, Macaristan, 17 - 23 Nisan 2017, cilt.10761, ss.87-98
- VIII. **Building Morphological Chains for Agglutinative Languages**
Ozen S., CAN BUĞLALILAR B.
18th International Conference on Computational Linguistics and Intelligent Text Processing (CICLing), Budapest, Macaristan, 17 - 23 Nisan 2017, cilt.10761, ss.99-109
- IX. **Stem-based PoS Tagging for Agglutinative Languages**
BÖLÜCÜ N., CAN BUĞLALILAR B.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Türkiye, 15 - 18 Mayıs 2017
- X. **Unsupervised Morphological Segmentation Using Neural Word Embeddings**
Ustun A., CAN BUĞLALILAR B.
4th International Conference on Statistical Language and Speech Processing (SLSP), Pilsen, Çek Cumhuriyeti, 11 - 12 Ekim 2016, cilt.9918, ss.43-53
- XI. **Clustering Word Roots Syntactically**
Ozturk M. B., CAN BUĞLALILAR B.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Türkiye, 16 - 19 Mayıs 2016, ss.1461-1464
- XII. **Modeling Morpheme Triplets with a Three-level Hierarchical Dirichlet Process**
Kumyol S., CAN BUĞLALILAR B.
International Conference on Asian Language Processing (IALP), Tainan, Tayvan, 21 - 23 Kasım 2016, ss.366-369
- XIII. **Methods and Algorithms for Unsupervised Learning of Morphology**
Can B., Manandhar S.
15th Annual Conference on Intelligent Text Processing and Computational Linguistics (CICLing), Kathmandu, Nepal, 6 - 12 Nisan 2014, cilt.8403, ss.177-205
- XIV. **A Syllable-Based Turkish Speech Recognition System by Using Time Delay Neural Networks (TDNNs)**
CAN BUĞLALILAR B., ARTUNER H.
International Conference of Soft Computing and Pattern Recognition (SoCPaR), Ha-Noi, Vietnam, 15 Aralık 2013 - 18 Aralık 2015, ss.219-224

Desteklenen Projeler

CAN BUĞLALILAR B., ŞEN AKAGÜNDÜZ S., Yükseköğretim Kurumları Destekli Proje, Uluslararası Beyin ve Bilişsel Bilimler Sempozyumu, 2017 - 2017

CAN BUĞLALILAR B., KUMYOL S., Yükseköğretim Kurumları Destekli Proje, Morfem Üçlülerinin Üç Seviyeli Hiyerarşik Dirichlet Süreci ile Modellenmesi, 2016 - 2017

CAN BUĞLALILAR B., Yükseköğretim Kurumları Destekli Proje, Denetimsiz Morfoloji Öğrenme, 2015 - 2017

Metrikler

Yayın: 22

Atıf (WoS): 18

H-İndeks (WoS): 3