Assoc. Prof. ALPER KÜRŞAT UYSAL

Personal Information

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Education Information

Doctorate, Anadolu University, Instıtute Of Scıence, Turkey 2009 - 2013
Postgraduate, Anadolu University, Instıtute Of Scıence, Turkey 2002 - 2005
Undergraduate, Selcuk University, Faculty Of Engıneerıng, Department Of Computer Engıneerıng, Turkey 1998 - 2002

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, New approaches to enhancing the performance of text classification, Anadolu University, Instıtute Of Scıence, 2013
Postgraduate, Tıbbi bilgilerin yapay sinir ağları kullanarak incelenmesi, Anadolu University, Instıtute Of Scıence, 2005

Research Areas

Computer Sciences, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, 2020 - Continues
Assistant Professor, Eskişehir Technical University, Faculty Of Engıneerıng, Department Of Computer Engıneerıng, 2018 - Continues
Assistant Professor, Anadolu University, Faculty Of Engıneerıng, Department Of Computer Engıneerıng, 2013 - 2018
Research Assistant, Anadolu University, Faculty Of Engıneerıng, Department Of Computer Engıneerıng, 2002 - 2013

Academic and Administrative Experience

Head of Department, Eskişehir Technical University, Faculty Of Engıneerıng, Department Of Computer Engıneerıng, 2018 - Continues
Deputy Head of Department, Anadolu University, Faculty Of Engıneerıng, Department Of Computer Engıneerıng, 2017 - 2018
Head of Department, Anadolu University, Faculty Of Engıneerıng, Department Of Computer Engıneerıng, 2014 - 2016

Deputy Head of Department, Anadolu University, Faculty Of Engıneerıng, Department Of Computer Engıneerıng, 2014 - 2015

Courses

Paralel ve Dağıtık Programlama, Doctorate, 2020 - 2021
Web Tabanlı Windows Programlama, Undergraduate, 2020 - 2021
Algoritma ve Programlama, Undergraduate, 2020 - 2021

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

I. **A novel filter feature selection method for text classification: Extensive Feature Selector**
    Parlak B., UYSAL A. K.
    JOURNAL OF INFORMATION SCIENCE, 2021 (Journal Indexed in SCI)

II. **The effects of globalisation techniques on feature selection for text classification**
    Parlak B., Uysal A. K.
    JOURNAL OF INFORMATION SCIENCE, 2020 (Journal Indexed in SCI)

III. **On Term Frequency Factor in Supervised Term Weighting Schemes for Text Classification**
    Dogan T., Uysal A. K.
    ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.44, no.11, pp.9545-9560, 2019 (Journal Indexed in SCI)

IV. **Improved inverse gravity moment term weighting for text classification**
    Dogan T., Uysal A. K.
    EXPERT SYSTEMS WITH APPLICATIONS, vol.130, pp.45-59, 2019 (Journal Indexed in SCI)

V. **On classification of abstracts obtained from medical journals**
    Parlak B., Uysal A. K.
    JOURNAL OF INFORMATION SCIENCE, 2019 (Journal Indexed in SCI)

VI. **A survey on ECG analysis**
    Berkaya S. K. , Uysal A. K. , Gunal E. S. , Ergin S., Gunal S., Gulmezoglu M. B.
    BIOMEDICAL SIGNAL PROCESSING AND CONTROL, vol.43, pp.216-235, 2018 (Journal Indexed in SCI)

VII. **On Two-Stage Feature Selection Methods for Text Classification**
    Uysal A. K.
    IEEE ACCESS, vol.6, pp.43233-43251, 2018 (Journal Indexed in SCI)

VIII. **An improved global feature selection scheme for text classification**
    Uysal A. K.
    EXPERT SYSTEMS WITH APPLICATIONS, vol.43, pp.82-92, 2016 (Journal Indexed in SCI)

IX. **Text classification using genetic algorithm oriented latent semantic features**
    Uysal A. K. , Gunal S.
    EXPERT SYSTEMS WITH APPLICATIONS, vol.41, no.13, pp.5938-5947, 2014 (Journal Indexed in SCI)

X. **The impact of preprocessing on text classification**
    Uysal A. K. , Gunal S.
    INFORMATION PROCESSING & MANAGEMENT, vol.50, no.1, pp.104-112, 2014 (Journal Indexed in SCI)

XI. **A novel probabilistic feature selection method for text classification**
    Uysal A. K. , Gunal S.
    KNOWLEDGE-BASED SYSTEMS, vol.36, pp.226-235, 2012 (Journal Indexed in SCI)

Articles Published in Other Journals

I. **A NOVEL FRAMEWORK FOR CARDIAC ARRHYTHMIA CLASSIFICATION BASED ON SUBSPACE**

PROJECTION AND DECISION TREE

ERGİN S., KAPLAN BERKAYA S., UYSAL A. K. , ŞORA GÜNAL E., GÜNAL S., GÜLMEZOĞLU M. B.

Eskişehir Technical University Journal of Science and Technology A - Applied Sciences and Engineering, vol.21, no.2, pp.350-365, 2020 (Other Refereed National Journals)

II. **Comparative Performance Analysis of Techniques for Automatic Drug Review Classification**

UYSAL A. K.

Celal Bayar Üniversitesi Fen Bilimleri Dergisi, vol.14, no.4, pp.485-490, 2018 (Other Refereed National Journals)

III. **Comparative Analysis of Recent Feature Selection Methods for Sentiment Classification**

UYSAL A. K.

Eskişehir Technical University Journal of Science and Technology A - Applied Sciences and Engineering, vol.19, no.3, pp.645-659, 2018 (Other Refereed National Journals)

IV. **The impact of feature selection on urban land cover classification**

DOĞAN T., UYSAL A. K.

INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING, vol.6, no.1, pp.59-64, 2018 (Other Refereed National Journals)

Books & Book Chapters

I. **Chapter 19: On Feature Weighting and Selection for Medical Document Classification**

PARLAK B., UYSAL A. K.

in: DEVELOPMENTS AND ADVANCES IN INTELLIGENT SYSTEMS AND APPLICATIONS, Alvaro Rocha, Luis Paulo Reis, Editor, Springer, pp.19-269, 2018

II. **Bölüm 6: Information Technologies in Business**

UYSAL A. K.

in: INFORMATION TECHNOLOGIES, Prof.Dr. Aydın AYBAR, Editor, Anadolu Üniversitesi AÖF, Eskişehir, pp.6-107, 2017

III. **Bölüm 5: Java'da Sarmalama, Kalıtım ve Çok Biçimlilik**

UYSAL A. K.

in: İLERİ PROGRAMLAMA, Doç.Dr. Cihan KALELİ, Editor, Anadolu Üniversitesi AÖF, Eskişehir, pp.5-91, 2017

IV. **Bölüm 6: Java'da Soyut Sınıflar ve Arayüzler**

UYSAL A. K.

in: İLERİ PROGRAMLAMA, Doç.Dr. Cihan KALELİ, Editor, Anadolu Üniversitesi AÖF, Eskişehir, pp.6-113, 2017

V. **Bölüm 8: İnsan Kaynakları Yönetiminde Bilgi ve Belge Güvenliği**

UYSAL A. K.

in: BELGE YÖNETİMİ VE OFİS UYGULAMALARI, Prof.Dr. Yaşar HOŞCAN, Editor, Anadolu Üniversitesi AÖF, Eskişehir, pp.8-203, 2017

VI. **Bölüm 7: Java'da Kural Dışı Durum İşleme**

UYSAL A. K.

in: İLERİ PROGRAMLAMA, Doç.Dr. Cihan KALELİ, Editor, Anadolu Üniversitesi AÖF, Eskişehir, pp.7-131, 2017

VII. **Bölüm 8: Java'da Kullanıcı Arayüzü Tabanlı Programlama**

UYSAL A. K.

in: İLERİ PROGRAMLAMA, Doç.Dr. Cihan KALELİ, Editor, Anadolu Üniversitesi AÖF, Eskişehir, pp.8-149, 2017

VIII. **Bölüm 7: Sıralama Algoritmaları**

UYSAL A. K.

in: ALGORİTMALAR VE PROGRAMLAMA, Doç. Dr. Serkan Günal, Editor, Anadolu Üniversitesi AÖF, Eskişehir, pp.7-121, 2016

IX. **Bölüm 8: Çizge Algoritmaları**

UYSAL A. K.

in: ALGORİTMALAR VE PROGRAMLAMA, Doç. Dr. Serkan Günal, Editor, Anadolu Üniversitesi AÖF, Eskişehir, pp.8-149, 2016

X. **Bölüm 6: Arama Algoritmaları**
UYSAL A. K.
in: ALGORİTMALAR VE PROGRAMLAMA, Doç. Dr. Serkan Günal, Editor, Anadolu Üniversitesi AÖF, Eskişehir, pp.6-103, 2016

Refereed Congress / Symposium Publications in Proceedings

I. **The effects of globalization functions on feature weighting for text classification**
DOĞAN T., UYSAL A. K.
International Conference on Artificial Intelligence and Data Processing (IDAP 2018), Malatya, Turkey, 28 - 30 September 2018, pp.1-6

II. **Tıbbi Metin Dokümanlarının Sınıflandırılmasında Terim Ağırlıklandırma Yöntemlerinin Başarımlarının Kıyaslanması**
DOĞAN T., UYSAL A. K.
6th International Symposium on Innovative Technologies in Engineering and Science 09-11 November 2018 (ISITES 2018), Antalya, Turkey, 9 - 11 November 2018, pp.253-262

III. **Feature selection for SMS spam filtering using rough set theory**
ÇEKİK R., UYSAL A. K.
3rd International Energy and Engineering Congress (UEMK 2018), Gaziantep, Turkey, 18 - 19 October 2018, pp.723-734

IV. **Feature selection for comment spam filtering on YouTube**
UYSAL A. K.
International Conference on Data Science and Applications (ICONDATA 2018), Yalova, Turkey, 4 - 07 October 2018, pp.99

V. **On classification of news documents in Turkish**
UYSAL A. K.
International Conference on Innovative Engineering Applications (CIEA'2018), Sivas, Turkey, 20 - 22 September 2018, pp.792-798

VI. **Sentiment Classification: Feature Selection Based Approaches Versus Deep Learning**
UYSAL A. K. , MURPHEY Y. L.
17th IEEE International Conference on Computer and Information Technology (CIT 2017), Helsinki, Finland, 21 - 23 August 2017

VII. **The impact of feature selection on medical document classification**
PARLAK B., UYSAL A. K.
11th Iberian Conference on Information Systems and Technologies (CISTI 2016), 15 - 18 June 2016

VIII. **Classification of medical documents according to diseases**
PARLAK B., UYSAL A. K.
2015 IEEE 23. Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SIU 2015), Malatya, Turkey, Turkey, 16 - 19 May 2015

IX. **ECG based biometric authentication using ensemble of features**
ERGİN S., UYSAL A. K. , ŞORA GÜNAL E., GÜNAL S., GÜLMEZOĞLU M. B.
2014 9th Iberian Conference on Information Systems and Technologies (CISTI 2014), Barcelona, Spain, 18 - 21 June 2014

X. **ECG classification using ensemble of features**
GÜNAL S., ERGİN S., ŞORA GÜNAL E., UYSAL A. K.
2013 47th Annual Conference on Information Sciences and Systems (CISS 2013), Baltimore, MD, United States Of America, 20 - 22 March 2013

XI. **A novel framework for SMS spam filtering**
UYSAL A. K. , GÜNAL S., ERGİN S., ŞORA GÜNAL E.
2012 International Symposium on Innovations in Intelligent Systems and Applications (INISTA 2012), Trabzon,

Turkey, 2 - 04 July 2012

XII. **Detection of SMS spam messages on mobile phones**
UYSAL A. K. , GÜNAL S., ERGİN S., ŞORA GÜNAL E.
2012 20th Signal Processing and Communications Applications Conference (SIU 2012), Muğla, Turkey, 18 - 20
April 2012

XIII. **Log Mining for Query Recommendation in e commerce**
ÇAPAN G., UYSAL A. K. , YILMAZEL Ö.
2010 Annual International Conference on Business Intelligence and Data Warehousing (BIDW 2010), Singapore,
12 - 13 July 2010

XIV. **Analysis of Headache Disease Data By Neural Networks**
UYSAL A. K. , GÜNEŞ A., BABANLI A.
2007 International Conference on Bioinformatics Computational Biology (BIOCOMP 2007), Las Vegas, United
States Of America, 25 - 27 June 2007

XV. **Yapay Sinir Ağları Temelli Tıbbi Teşhis Problemi**
babanlı a., UYSAL A. K.
2004 Elektrik-Elektronik ve Bilgisayar Mühendisliği Sempozyumu (ELECO 2004), Bursa, Turkey, 8 - 12 December
2004

Citations

Total Citations (WOS):486
h-index (WOS):7