

Prof. ÇAĞDAŞ HAKAN ALADAĞ

Personal Information

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International Researcher IDs

ORCID: 0000-0002-3953-7601

Publons / Web Of Science ResearcherID: D-2140-2010

ScopusID: 23092915500

Yoksis Researcher ID: 170445

Biography

Aladağ yüksek lisans ve doktoraını Hacettepe Üniversitesi İstatistik Bölümü'nde tamamlamıştır. 2012 yılında Doçent unvanı almıştır. 2014-15 yılları arasında Toronto Üniversitesi, Makine ve Endüstri Mühendisliği Bölümünde misafir öğretim üyesi olarak çalışmalarda bulunmuştur. 2020 yılında Hacettepe Üniversitesi İstatistik Bölümü Yöneylem Araştırması Ana Bilim Dalı'nda Profesör olarak atanmıştır. İlgili alanları arasında veri analizinde yapay zeka, yapay zeka optimizasyon algoritmaları, makine öğrenme, ileri düzey öngörü modelleri, bulanık mantık ve yapay sinir ağları bulunmaktadır. Farklı üniversitelerin çeşitli bölümlerinde verdiği dersler arasında Zeki Optimizasyon Algoritmaları, Veri Bilimi, Esnek Hesaplama Yöntemleri, Makine Öğrenme, Yöneylem Araştırması ve Mühendislik Ekonomisi gibi dersler yer almaktadır.

Aladağ'ın, ulusal ve uluslararası saygın dergilerde makaleler, konferanslarda davetli konuşmalar ve sunumlar, kitaplar, kitap bölümleri, seminerler olmak üzere 200'ün üzerinde bilimsel yayını bulunmaktadır. Birçok ulusal ve uluslararası dergide baş editörlük, alan editörlüğü ve hakemlik yapmıştır. 2020, 2021, 2022 ve 2023 yıllarında, Prof. Dr. Çağdaş Hakan Aladağ dünya genelindeki 7 milyondan fazla bilim insanı arasında en etkili %2'lik kısma girmeyi başarmıştır. Çalışmalarıyla dünya genelinde etki yarattığı alt disiplinler sırasıyla, Yapay Zekâ ve Görüntü İşleme, Sayısal ve Hesaplamalı Matematik, Bilgi ve İletişim Teknolojileridir.

Hacettepe Üniversitesi İstatistik Bölümünde öğretim üyesi olan ve Türk İstatistik Derneği Başkan Vekili görevini yürüten Aladağ, Türkiye Bulanık Sistemler Derneği, Hacettepe Üniversitesi Trafik ve Yol Güvenliği Araştırma Merkezi yönetim kurulu üyesidir. Aynı zamanda Yöneylem Araştırması Derneği, The International Institute of Forecasters ve European Neural Network Society derneklerinin de üyesidir.

Education Information

Post Doctorate, University of Toronto, Faculty Of Science, Department Of Mechanical And Industrial Engineering, Canada
2014 - 2015

Doctorate, Hacettepe University, Fen Fakültesi, İstatistik, Turkey 2004 - 2009

Postgraduate, Hacettepe University, Fen Fakültesi, İstatistik, Turkey 2001 - 2004

Undergraduate, Hacettepe University, Fen Fakültesi, İstatistik, Turkey 1997 - 2001

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Yapay sinir ağlarının mimari seçimi için tabu arama algoritması, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, İstatistik (Dr), 2009

Postgraduate, Tabu arama logaritması ile bir ders zaman çizelgeleme probleminin çözümü, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), 2004

Research Areas

Computer Sciences, algorithms, Artificial Intelligence, Computer Learning and Pattern Recognition, Neural Networks, Industrial Engineering, Optimization Theory and Methods, Global Optimization, Heuristic Methods, Integer and Mixed Integer Programming, Statistics, Statistical Analysis and Applications, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, 2020 - Continues

Associate Professor, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, 2013 - 2020

Professor, University of Toronto, Department of Mechanical and Industrial Engineering, 2014 - 2015

Lecturer PhD, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, 2009 - 2013

Research Assistant, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, 2001 - 2009

Academic and Administrative Experience

Vice Dean, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, 2021 - 2023

Courses

Bilgisayar Programlamaya Giriş, Undergraduate, 2021 - 2022

Zeki Optimizasyon Yöntemleri, Undergraduate, 2020 - 2021

Veri Bilimi, Undergraduate, 2020 - 2021

Tamsayılı Programlama, Postgraduate, 2020 - 2021

Esnek Hesaplama Yöntemleri, Postgraduate, 2020 - 2021

Makine Öğrenmesine Giriş, Postgraduate, 2020 - 2021

Yöneylem Araştırmasına Giriş, Undergraduate, 2020 - 2021

Quality Planning and Control, Undergraduate, 2017 - 2018

Mühendislik Ekonomisi, Undergraduate, 2016 - 2017

Advising Theses

Aladağ Ç. H., MAKİNE ÖĞRENME YAKLAŞIMLARININ BİYİNFORMATİKTE İLAÇ GELİŞTİRME PROBLEMİNDE KULLANILMASI, Postgraduate, T.SEMERCİ(Student), 2023

Aladağ Ç. H., İstatistiksel ve makine öğrenme ile derin sinir ağlarında hiper-parametre seçimi için melez yaklaşım, Postgraduate, C.DOĞAN(Student), 2021

Aladağ Ç. H., Kedi sürüsü optimizasyonuna dayalı yeni bir bulanık zaman serisi yaklaşımı, Doctorate, Y.BURCU(Student), 2018

Aladağ Ç. H., Hanehalkı işgücü araştırma verileri ile veri madenciliği yöntemlerinin uygulanması ve modellerin karşılaştırılması, Postgraduate, M.BARAN(Student), 2018

Aladağ Ç. H., Risk analizinde bulanık mantığın kullanılmasına yönelik bir uygulama çalışması, Postgraduate, Z.KAMAN(Student), 2018

ALADAĞ Ç. H., Markov geçiş matrisine dayalı mevsimsel bulanık zaman serisi, Doctorate, H.GÜNEY(Student), 2016
ALADAĞ Ç. H., Portföy optimizasyonunda değiştirilmiş parçacık sürü optimizasyonu yaklaşımı, Postgraduate, I.YAMAN(Student), 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Statistical determination of significant particle swarm optimization parameters: the case of Weibull distribution**
Alptekin B., Acitas S., ŞENOĞLU B., ALADAĞ Ç. H.
SOFT COMPUTING, vol.26, no.22, pp.12623-12634, 2022 (SCI-Expanded)
- II. **Fuzzy logic-based bidding strategies in dynamic double auctions**
Unal B., ALADAĞ Ç. H.
KYBERNETES, vol.48, no.3, pp.612-635, 2019 (SCI-Expanded)
- III. **A new approach for estimating the parameters of Weibull distribution via particle swarm optimization: An application to the strengths of glass fibre Cheek tor data**
ACITAŞ Ş., ALADAĞ Ç. H., ŞENOĞLU B.
RELIABILITY ENGINEERING & SYSTEM SAFETY, vol.183, pp.116-127, 2019 (SCI-Expanded)
- IV. **A Novel Stochastic Seasonal Fuzzy Time Series Forecasting Model**
GÜNEY H., BAKIR M. A., ALADAĞ Ç. H.
INTERNATIONAL JOURNAL OF FUZZY SYSTEMS, vol.20, no.3, pp.729-740, 2018 (SCI-Expanded)
- V. **High order fuzzy time series forecasting method based on an intersection operation**
Yolcu O. C., YOLCU U., EĞRİOĞLU E., ALADAĞ Ç. H.
APPLIED MATHEMATICAL MODELLING, vol.40, pp.8750-8765, 2016 (SCI-Expanded)
- VI. **Multiplicative neuron model artificial neural network based on Gaussian activation function**
GÜNDOĞDU Ö., Egrioglu E., ALADAĞ Ç. H., YOLCU U.
NEURAL COMPUTING & APPLICATIONS, vol.27, no.4, pp.927-935, 2016 (SCI-Expanded)
- VII. **Fuzzy-time-series network used to forecast linear and nonlinear time series**
BAŞ E., Egrioglu E., ALADAĞ Ç. H., YOLCU U.
APPLIED INTELLIGENCE, vol.43, no.2, pp.343-355, 2015 (SCI-Expanded)
- VIII. **Recurrent Multiplicative Neuron Model Artificial Neural Network for Non-linear Time Series Forecasting**
EĞRİOĞLU E., YOLCU U., ALADAĞ Ç. H., BAŞ E.
NEURAL PROCESSING LETTERS, vol.41, no.2, pp.249-258, 2015 (SCI-Expanded)
- IX. **Advanced Time Series Forecasting Methods**
Egrioglu E., Khashei M., ALADAĞ Ç. H., Turksen I. B., YOLCU U.
Mathematical Problems in Engineering, vol.2015, 2015 (SCI-Expanded)
- X. **A novel membership value based performance measure**
ALADAĞ Ç. H., TÜRKŞEN İ. B.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.28, no.2, pp.919-928, 2015 (SCI-Expanded)
- XI. **A NEW MULTILAYER FEEDFORWARD NETWORK BASED ON TRIMMED MEAN NEURON MODEL**
YOLCU U., BAŞ E., Egrioglu E., ALADAĞ Ç. H.
NEURAL NETWORK WORLD, vol.25, no.6, pp.587-602, 2015 (SCI-Expanded)
- XII. **Fuzzy lagged variable selection in fuzzy time series with genetic algorithms**
ALADAĞ Ç. H., Yolcu U., EĞRİOĞLU E., Bas E.
APPLIED SOFT COMPUTING, vol.22, pp.465-473, 2014 (SCI-Expanded)
- XIII. **Robust multilayer neural network based on median neuron model**
ALADAĞ Ç. H., EĞRİOĞLU E., YOLCU U.
NEURAL COMPUTING & APPLICATIONS, vol.24, pp.945-956, 2014 (SCI-Expanded)
- XIV. **An enhanced fuzzy time series forecasting method based on artificial bee colony**
YOLCU U., Cagcag O., ALADAĞ Ç. H., EĞRİOĞLU E.

JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.26, no.6, pp.2627-2637, 2014 (SCI-Expanded)

- XV. **Using Artificial Neural Networks in Fuzzy Time Series Analysis**
Aladag C. H.
RECENT DEVELOPMENTS AND NEW DIRECTIONS IN SOFT COMPUTING, vol.317, pp.443-451, 2014 (SCI-Expanded)
- XVI. **A high order seasonal fuzzy time series model and application to international tourism demand of Turkey**
ALADAĞ Ç. H., EĞRİOĞLU E., Yolcu U., USLU V. R.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.26, no.1, pp.295-302, 2014 (SCI-Expanded)
- XVII. **Estimation of pressuremeter modulus and limit pressure of clayey soils by various artificial neural network models**
Aladag Ç. H., Kayabasi A., Gokceoglu C.
NEURAL COMPUTING & APPLICATIONS, vol.23, no.2, pp.333-339, 2013 (SCI-Expanded)
- XVIII. **A New Multiplicative Seasonal Neural Network Model Based on Particle Swarm Optimization**
ALADAĞ Ç. H., YOLCU U., EĞRİOĞLU E.
NEURAL PROCESSING LETTERS, vol.37, no.3, pp.251-262, 2013 (SCI-Expanded)
- XIX. **Time-series forecasting with a novel fuzzy time-series approach: an example for Istanbul stock market**
Yolcu U., ALADAĞ Ç. H., EĞRİOĞLU E., USLU V. R.
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.83, no.4, pp.597-610, 2013 (SCI-Expanded)
- XX. **A new linear & nonlinear artificial neural network model for time series forecasting**
YOLCU U., EĞRİOĞLU E., ALADAĞ Ç. H.
DECISION SUPPORT SYSTEMS, vol.54, no.3, pp.1340-1347, 2013 (SCI-Expanded)
- XXI. **Fuzzy time series forecasting with a novel hybrid approach combining fuzzy c-means and neural networks**
EĞRİOĞLU E., ALADAĞ Ç. H., YOLCU U.
EXPERT SYSTEMS WITH APPLICATIONS, vol.40, no.3, pp.854-857, 2013 (SCI-Expanded)
- XXII. **Using multiplicative neuron model to establish fuzzy logic relationships**
Aladag C. H.
EXPERT SYSTEMS WITH APPLICATIONS, vol.40, no.3, pp.850-853, 2013 (SCI-Expanded)
- XXIII. **An ARMA Type Fuzzy Time Series Forecasting Method Based on Particle Swarm Optimization**
EĞRİOĞLU E., YOLCU U., ALADAĞ Ç. H., KOÇAK C.
MATHEMATICAL PROBLEMS IN ENGINEERING, vol.2013, 2013 (SCI-Expanded)
- XXIV. **A new time invariant fuzzy time series forecasting method based on particle swarm optimization**
ALADAĞ Ç. H., YOLCU U., EĞRİOĞLU E., Dalar A. Z.
APPLIED SOFT COMPUTING, vol.12, no.10, pp.3291-3299, 2012 (SCI-Expanded)
- XXV. **A NEW SEASONAL FUZZY TIME SERIES METHOD BASED ON THE MULTIPLICATIVE NEURON MODEL AND SARIMA**
Aladag S., ALADAĞ Ç. H., MENTEŞ T., EĞRİOĞLU E.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.41, no.3, pp.337-345, 2012 (SCI-Expanded)
- XXVI. **A NOVEL SEASONAL FUZZY TIME SERIES METHOD**
ALPASLAN F., Cagcag O., Aladag Ç. H., Yolcu U., Egrioglu E.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.41, no.3, pp.375-385, 2012 (SCI-Expanded)
- XXVII. **A SIMULATION BASED APPROACH TO CALCULATE THE FUZZY CORRELATION COEFFICIENT OF FUZZY OBSERVATIONS**
ALADAĞ Ç. H., EĞRİOĞLU E., YOLCU U.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.41, no.3, pp.361-364, 2012 (SCI-Expanded)
- XXVIII. **A tabu search meta-heuristic approach to the dual response systems problem**
ALADAĞ Ç. H., Koeksoy O.
EXPERT SYSTEMS WITH APPLICATIONS, vol.38, no.12, pp.15370-15376, 2011 (SCI-Expanded)
- XXIX. **Fuzzy time series forecasting method based on Gustafson-Kessel fuzzy clustering**

- Egrioglu E., Aladag Ç. H., Yolcu U., Uslu V. R., Erilli N. A.
EXPERT SYSTEMS WITH APPLICATIONS, vol.38, no.8, pp.10355-10357, 2011 (SCI-Expanded)
- XXX. **A new architecture selection method based on tabu search for artificial neural networks**
Aladag C. H.
EXPERT SYSTEMS WITH APPLICATIONS, vol.38, no.4, pp.3287-3293, 2011 (SCI-Expanded)
- XXXI. **Determining the most proper number of cluster in fuzzy clustering by using artificial neural networks**
Erilli N. A., Yolcu U., EĞRİOĞLU E., ALADAĞ Ç. H., ÖNER Y.
EXPERT SYSTEMS WITH APPLICATIONS, vol.38, no.3, pp.2248-2252, 2011 (SCI-Expanded)
- XXXII. **A new approach based on the optimization of the length of intervals in fuzzy time series**
EĞRİOĞLU E., ALADAĞ Ç. H., Basaran M. A., Yolcu U., USLU V. R.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.22, no.1, pp.15-19, 2011 (SCI-Expanded)
- XXXIII. **Forecast Combination by Using Artificial Neural Networks**
ALADAĞ Ç. H., EĞRİOĞLU E., Yolcu U.
NEURAL PROCESSING LETTERS, vol.32, no.3, pp.269-276, 2010 (SCI-Expanded)
- XXXIV. **A high order fuzzy time series forecasting model based on adaptive expectation and artificial neural networks**
ALADAĞ Ç. H., Yolcu U., EĞRİOĞLU E.
MATHEMATICS AND COMPUTERS IN SIMULATION, vol.81, no.4, pp.875-882, 2010 (SCI-Expanded)
- XXXV. **Finding an optimal interval length in high order fuzzy time series**
EĞRİOĞLU E., ALADAĞ Ç. H., Yolcu U., USLU V. R., Basaran M. A.
EXPERT SYSTEMS WITH APPLICATIONS, vol.37, no.7, pp.5052-5055, 2010 (SCI-Expanded)
- XXXVI. **MODELING BRAIN WAVE DATA BY USING ARTIFICIAL NEURAL NETWORKS**
ALADAĞ Ç. H., EĞRİOĞLU E., KADILAR C.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.39, no.1, pp.81-88, 2010 (SCI-Expanded)
- XXXVII. **Improving weighted information criterion by using optimization**
ALADAĞ Ç. H., EĞRİOĞLU E., GÜNAY S., Basaran M. A.
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, vol.233, no.10, pp.2683-2687, 2010 (SCI-Expanded)
- XXXVIII. **The effect of neighborhood structures on tabu search algorithm in solving course timetabling problem**
ALADAĞ Ç. H., Hocaoglu G., Basaran M. A.
EXPERT SYSTEMS WITH APPLICATIONS, vol.36, no.10, pp.12349-12356, 2009 (SCI-Expanded)
- XXXIX. **Forecasting nonlinear time series with a hybrid methodology**
ALADAĞ Ç. H., EĞRİOĞLU E., KADILAR C.
APPLIED MATHEMATICS LETTERS, vol.22, no.9, pp.1467-1470, 2009 (SCI-Expanded)
- XL. **A new approach based on artificial neural networks for high order multivariate fuzzy time series**
EĞRİOĞLU E., ALADAĞ Ç. H., Yolcu U., USLU V. R., Basaran M. A.
EXPERT SYSTEMS WITH APPLICATIONS, vol.36, no.7, pp.10589-10594, 2009 (SCI-Expanded)
- XLI. **A new hybrid approach based on SARIMA and partial high order bivariate fuzzy time series forecasting model**
EĞRİOĞLU E., ALADAĞ Ç. H., Yolcu U., Basaran M. A., USLU V. R.
EXPERT SYSTEMS WITH APPLICATIONS, vol.36, no.4, pp.7424-7434, 2009 (SCI-Expanded)
- XLII. **A new approach for determining the length of intervals for fuzzy time series**
Yolcu U., EĞRİOĞLU E., USLU V. R., Basaran M. A., ALADAĞ Ç. H.
APPLIED SOFT COMPUTING, vol.9, no.2, pp.647-651, 2009 (SCI-Expanded)
- XLIII. **Forecasting in high order fuzzy times series by using neural networks to define fuzzy relations**
ALADAĞ Ç. H., Basaran M. A., Egrioglu E., YOLCU U., Uslu V. R.
Expert Systems with Applications, vol.36, no.3 PART 1, pp.4228-4231, 2009 (SCI-Expanded)
- XLIV. **A new model selection strategy in artificial neural networks**
Eğrioglu E., ALADAĞ Ç. H., Günay S.
Applied Mathematics and Computation, vol.195, no.2, pp.591-597, 2008 (SCI-Expanded)

- XLV. A NEW ARCHITECTURE SELECTION STRATEGY IN SOLVING SEASONAL AUTOREGRESSIVE TIME SERIES BY ARTIFICIAL NEURAL NETWORKS**
ALADAĞ Ç. H., EĞRİOĞLU E., GÜNAY S.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.37, no.2, pp.185-200, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **Modeling of Tunnel Boring Machine Performance Employing Random Forest Algorithm**
GÖKÇEOĞLU C., Bal C., ALADAĞ Ç. H.
Geotechnical and Geological Engineering, vol.41, no.7, pp.4205-4231, 2023 (ESCI)
- II. **An enhanced random forest approach using CoClust clustering: MIMIC-III and SMS spam collection application**
İLHAN TAŞKIN Z., YILDIRAK Ş. K., ALADAĞ Ç. H.
JOURNAL OF BIG DATA, vol.10, no.1, 2023 (Scopus)
- III. **Artificial neural networks to predict deformation modulus of rock masses considering overburden stress**
Tokgozoglu K., Aladag Ç. H., Gokceoglu C.
GEOMECHANICS AND GEOENGINEERING-AN INTERNATIONAL JOURNAL, vol.18, no.1, pp.48-64, 2023 (ESCI)
- IV. **Type-1 fuzzy time series function method based on binary particle swarm optimisation**
ALADAĞ Ç. H., YOLCU U., Egrioglu E., Turksen I. B.
International Journal of Data Analysis Techniques and Strategies, vol.8, no.1, pp.2-13, 2016 (Scopus)
- V. **New kind of statistical methods**
ALADAĞ Ç. H.
Journal of Mathematics and Statistics, vol.10, no.4, pp.423-425, 2014 (Scopus)
- VI. **Preface**
ALADAĞ Ç. H.
Advances in Time Series Forecasting, 2012 (Scopus)
- VII. **The CSS and The Two-Stage Methods for Parameter Estimation in SARFIMA Models**
EĞRİOĞLU E., ALADAĞ Ç. H., KADILAR C.
JOURNAL OF PROBABILITY AND STATISTICS, vol.2011, 2011 (ESCI)
- VIII. **Conducting fuzzy division by using linear programming**
Basaran M. A., ALADAĞ Ç. H., KADILAR C.
WSEAS Transactions on Information Science and Applications, vol.5, no.6, pp.923-928, 2008 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Improving Fuzzy Time Series Approach by Using Machine Learning**
ALADAĞ Ç. H.
7th International Symposium on Chaos, Complexity and Leadership, ICCLS 2020, Virtual, Online, 29 - 31 October 2020, pp.47-61
- II. **Volcanic Ash –Aircraft Encounter Damages: in Volcanological Point of View**
AYDAR E., ALADAĞ Ç. H., MENTEŞ T.
European Geosciences Union, Viyana, Austria, 22 - 30 April 2017
- III. **Artificial Neural Network Models for Forecasting Tourist Arrivals to Barcelona**
Alptekin B., ALADAĞ Ç. H.
25th International Conference on Artificial Neural Networks (ICANN), Barcelona, Spain, 6 - 09 September 2016, vol.9886, pp.561
- IV. **Recurrent Multiplicative Neuron Model Artificial Neural Network for Non-Linear Time Series Forecasting**

EĞRİOĞLU E., YOLCU U., ALADAĞ Ç. H., BAŞ E.

2nd World Conference on Business, Economics and Management (BEM), Antalya, Turkey, 25 - 28 April 2013, vol.109, pp.1094-1100

V. Forecasting total health expenditures with a hybrid heuristic method

ALADAĞ Ç. H., Aladag S.

12th IEEE International Symposium on Computational Intelligence and Informatics, CINTI 2011, Budapest, Hungary, 21 - 22 November 2011, pp.243-246

VI. A new approximation method based on linear programming for fuzzy division

Basaran M. A., ALADAĞ Ç. H., KADILAR C.

Applied Computing Conference 2008, İstanbul, Turkey, 27 - 30 May 2008, pp.388-389

Supported Projects

ALADAĞ Ç. H., ALPTEKİN D., Project Supported by Higher Education Institutions, Türkiye'de Ekonomik Büyüme ve Turizm: Hsiao'nun Granger Nedensellik Analizi, 2017 - 2017

ALADAĞ Ç. H., Alptekin B., Project Supported by Higher Education Institutions, Yapay Sinir Ağı Modelleri ile Hava Kirliliği Öngörüsü, 2017 - 2017

ALADAĞ Ç. H., GÜNAY S., ALPTEKİN D., Project Supported by Higher Education Institutions, OECD Üyesi Ülkelerde Cinsiyet Gelişmişlik Endeksinin Çok Boyutlu Ölçekleme ile İncelenmesi, 2016 - 2017

Metrics

Publication: 61

Citation (WoS): 1033

Citation (Scopus): 2095

H-Index (WoS): 18

H-Index (Scopus): 26

Invited Talks

Dragon on the Roof, Conference, Marmara Üniversitesi, Turkey, December 2023

Artificial Intelligence and Data Science, Seminar, Yenikent Ahmet Çiçek Mesleki ve Teknik Anadolu Lisesi, Turkey, November 2023

Artificial Intelligence and Data Science, Seminar, Eskişehir Teknik Üniversitesi, Turkey, November 2023

Artificial Intelligence and Data Science, Seminar, Atatürk Mesleki ve Teknik Anadolu Lisesi, Turkey, October 2023

Artificial Intelligence and Data Science for Foreign Language Teachers, Seminar, DaumExpert, Turkey, October 2023

Incorporating Fuzzy Logic Philosophy in the Evaluation of Forecasting Models, Conference, 12th International

Conference of the International Biometric Society's Eastern Mediterranean Region Conference, Turkey, May 2023

Picking the best fuzzy logic based forecasting model under uncertainty, Conference, International Symposium on Data Science And Statistics, Turkey, November 2022

Useful Intersection of Statistical and Machine Learning, Conference, The 12th International Statistics Days Conference, Turkey, October 2022

Human, Statistical, and Machine Learning Triangle, Seminar, Akdeniz Üniversitesi, Turkey, September 2022

A Model Evaluation Criterion Based on Membership Values, Conference, 1st International Lotfi A.Zadeh Conference: Fuzzy Logic And Applications, Azerbaijan, December 2021

Human, Statistical, and Machine Learning Triangle, Seminar, Mimar Sinan Güzel Sanatlar Üniversitesi, Turkey, June 2021

The probability of seeing the smile of Mona Lisa, Seminar, Marmara Üniversitesi, Turkey, May 2021

Live Statistics, Seminar, Hacettepe Üniversitesi, Turkey, March 2021

The probability of seeing the smile of Mona Lisa, Seminar, Eskişehir Teknik Üniversitesi, Turkey, October 2020
An Enhanced Fuzzy Time Series Approach Using Machine Learning, Conference, 7 th International Symposium on Chaos, Complexity and Leadership, Bosnia And Herzegovina, October 2020
Data Science and Finance, Seminar, Financial Solutions with MATLAB, Turkey, February 2020
Student Science, Seminar, Hacettepe Üniversitesi, Turkey, December 2019
Machine Learning: from the architect of Van Lake to architecture of neural networks, Conference, International Conference on Data Science, Turkey, June 2019
Heavy Weight of Uncertainty: Make Decisions Under Uncertainty, Seminar, Muğla Sıtkı Koçman Üniversitesi, Turkey, May 2019
The probability of seeing the smile of Mona Lisa, Seminar, Ege Üniversitesi, Turkey, April 2019
The probability of seeing the smile of Mona Lisa, Seminar, Dokuz Eylül Üniversitesi, Turkey, February 2019
The probability of seeing the smile of Mona Lisa, Seminar, Ankara Üniversitesi, Turkey, November 2018
A Stochastic Fuzzy Time Series Forecasting Model, Conference, 11. International Statistics Days Conference, Turkey, October 2018
Statistical Modelling by Artificial Neural Networks, Conference, Technical University of Cluj Napoca & North Center University of Baia Mare, Romania, September 2018
A Membership Value Based Performance Measure, Conference, TOBB University of Economics and Technology, Turkey, October 2017
Live Statistics, Seminar, Afyon Kocatepe Üniversitesi, Turkey, April 2017
Fuzzy Time Series, Seminar, TOBB Ekonomi Ve Teknoloji Üniversitesi, Turkey, February 2017
Live Statistics, Seminar, Marmara Üniversitesi, Turkey, October 2016
Live Statistics, Conference, Giresun Üniversitesi, Turkey, May 2016
Heavy Weight of Uncertainty, Seminar, Hacettepe Üniversitesi, Turkey, March 2016
Modern Statistics, Conference, Middle East Technical University, Turkey, March 2014
Data evaluation and Statistical Analysis Methods in Scientific Researches, Workshop, Çanakkale Onsekiz Mart Üniversitesi, Turkey, January 2014
Advanced Forecasting Methods, Conference, Forum Gospodarczego, Poland, September 2013
Live Statistics, Conference, Hacettepe University, Turkey, September 2013
Live Mathematics and Statistics, Seminar, Hacettepe Üniversitesi, Turkey, June 2013
Live Mathematics, Seminar, Giresun Üniversitesi, Turkey, May 2013
Live Statistics, Seminar, Hacettepe Üniversitesi, Turkey, May 2013
Advanced Approaches in Time Series Forecasting, Seminar, Middle East Technical University, Turkey, December 2011
Artificial neural networks: The art of forecasting, Seminar, Muğla Sıtkı Koçman Üniversitesi, Turkey, May 2011
Artificial intelligence in optimization, Seminar, Ondokuz Mayıs Üniversitesi, Turkey, October 2010
Linear programming in fuzzy arithmetic, Seminar, Hacettepe Üniversitesi, Turkey, January 2010
Fuzzy Time Series, Seminar, Hacettepe Üniversitesi, Turkey, March 2008
Fuzzy Regression Analysis, Seminar, Ondokuz Mayıs Üniversitesi, Turkey, April 2007
Forecasting time series using artificial neural networks, Seminar, Hacettepe Üniversitesi, Turkey, March 2004

Non Academic Experience

Toronto Üniversitesi