

Assoc. Prof. SONGÜL ÇINAROĞLU

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Hacettepe University, Sosyal Bilimler Enstitüsü, Sağlık Yönetimi, Turkey 2011 - 2017

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Sağlık hizmetleri finansmanında eşitsizlik ve hakkaniyet ile katastrofik sağlık harcamaları arasındaki ilişki, Hacettepe Üniversitesi, Sosyal Bilimler Enstitüsü, Sağlık Kurumları Yönetimi Anabilim Dalı, 2017

Postgraduate, Kurumsal itibar ve imajın hastanelerin performansı ile ilişkisi, Hacettepe Üniversitesi, Sosyal Bilimler Enstitüsü, Sağlık Kurumları Yönetimi Anabilim Dalı, 2011

Research Areas

Social Sciences and Humanities, Economics

Academic Titles / Tasks

Associate Professor, Hacettepe University, İktisadi ve İdari Bilimler Fakültesi, Sağlık Yönetimi Bölümü, 2020 - Continues
Researcher, Universität Karlsruhe, Karlsruhe Institute of Technology -KIT, Steinbuch Center for Computing (SCC), 2023 - 2023

Researcher, Universität Hamburg, Hamburg Center for Health Economics, 2021 - 2021

Assistant Professor, Hacettepe University, İktisadi ve İdari Bilimler Fakültesi, Sağlık Yönetimi Bölümü, 2019 - 2020

Research Assistant, Hacettepe University, İktisadi ve İdari Bilimler Fakültesi, Sağlık Yönetimi Bölümü, 2010 - 2019

Researcher, The University of Michigan, Department of Internal Medicine, 2016 - 2016

Researcher, The University of Alabama at Birmingham, School Of Health Professions, Department Of Health Services Administration, 2014 - 2014

Academic and Administrative Experience

Deputy Head of Department, Hacettepe University, İktisadi ve İdari Bilimler Fakültesi, Sağlık Yönetimi Bölümü, 2022 - Continues

Courses

HEALTH and ECONOMIC DEVELOPMENT, Doctorate, 2021 - 2022
COST ACCOUNTING IN HEALTH INSTITUTIONS, Undergraduate, 2022 - 2023
FINANCIAL MANAGEMENT IN HEALTH INST II, Undergraduate, 2019 - 2020
QUANTITATIVE METHODS IN HEALTH and HOSPITAL MANAG., Postgraduate, 2020 - 2021
HEALTH TOURISM, Undergraduate, 2019 - 2020
QUANTITATIVE DECISION MAKING TECHN. IN HEALTH MANG, Doctorate, 2020 - 2021
FINANCIAL MANAGEMENT IN HEALTH INST I, Undergraduate, 2017 - 2018
PROGRAM PLANNING and EVALUATION IN HEALTH INS, Undergraduate, 2017 - 2018

Advising Theses

Çınaroğlu S., COST-EFFECTIVENESS ANALYSIS OF ARTIFICIAL INTELLIGENCE SCREENING FOR DIABETIC RETINOPATHY IN TURKEY, Doctorate, G.Çalışkan(Student), Continues
Çınaroğlu S., SAĞLIK PROFESYONELLERİNİN ENTEGRE SAĞLIK KAMPÜSLERİNE (ŞEHİR HASTANELERİ) YÖNELİK TUTUMLARININ KARŞILAŞTIRILMASI, Postgraduate, B.Saylan(Student), 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Quality of birth care and risk factors of length of stay after birth: A machine learning approach**
ÇINAROĞLU S., Saylan B.
JOURNAL OF OBSTETRICS AND GYNAECOLOGY RESEARCH, 2024 (SCI-Expanded)
- II. **Exploring Predictors of Preterm Birth: A Comparative Study of Turkish and Syrian Refugee Women**
Saylan B., ÇINAROĞLU S.
Maternal and Child Health Journal, vol.28, no.3, pp.506-512, 2024 (SSCI)
- III. **Efficiency effects of public hospital closures in the context of public hospital reform: a multistep efficiency analysis**
ÇINAROĞLU S.
Health Care Management Science, vol.27, no.1, pp.88-113, 2024 (SSCI)
- IV. **Financial efficiency of healthcare companies in an emerging market**
ÇINAROĞLU S., PİRGAİP B.
Managerial and Decision Economics, 2024 (SSCI)
- V. **Fuzzy Efficiency Estimates of the Turkish Health System: A Comparison of Interval, Bias-Corrected, and Fuzzy Data Envelopment Analysis**
Çınaroğlu S.
INTERNATIONAL JOURNAL OF FUZZY SYSTEMS, vol.1, no.1, pp.1-24, 2023 (SCI-Expanded)
- VI. **Attitudes of Health Professionals towards Integrated Health Campuses: A Second-Order Confirmatory Factor Analysis**
Saylan B., ÇINAROĞLU S.
HEALTH & SOCIAL CARE IN THE COMMUNITY, 2023 (SSCI)
- VII. **Learning from unbalanced catastrophic out-of-pocket health expenditure dataset: Blending SMOTE-boosting with ensemble models**
Çınaroğlu S.
Journal of Experimental & Theoretical Artificial Intelligence, vol.1, no.1, pp.1-18, 2022 (SCI-Expanded)

- VIII. **Is the “social face” of AKP's pharmaceutical price reforms mostly instrumental? A progressivity analysis of household pharmaceutical expenditures in Turkey**
Çınaroğlu S.
PUBLIC HEALTH, vol.208, pp.18-24, 2022 (SCI-Expanded)
- IX. **The changing pattern of European country groups: Economic, financial, and health indicators, 2000-2015**
ÇINAROĞLU S., TOP M.
ACTA OECONOMICA, vol.71, no.4, pp.609-626, 2021 (SSCI)
- X. **Cluster analysis of health systems in Europe according to life expectancy at birth**
TOP M., ÇINAROĞLU S.
INTERNATIONAL JOURNAL OF HEALTH PLANNING AND MANAGEMENT, vol.36, no.6, pp.2162-2181, 2021 (SSCI)
- XI. **Poverty effects of public health reforms in Turkey: A focus on out-of-pocket payments**
ÇINAROĞLU S.
JOURNAL OF EVALUATION IN CLINICAL PRACTICE, vol.27, no.1, pp.53-61, 2021 (SCI-Expanded)
- XII. **The effect of increases in the Syrian refugee population in Turkey on public maternal and child health outcomes**
Çınaroğlu S.
Health Care For Women International, vol.1, no.1, pp.1-12, 2021 (SSCI)
- XIII. **Changes in hospital efficiency and size: An integrated propensity score matching with data envelopment analysis**
Çınaroğlu S.
SOCIO-ECONOMIC PLANNING SCIENCES, vol.1, no.1, pp.10-30, 2020 (SCI-Expanded)
- XIV. **Integrated k-means clustering with data envelopment analysis of public hospital efficiency**
ÇINAROĞLU S.
HEALTH CARE MANAGEMENT SCIENCE, vol.23, no.3, pp.325-338, 2020 (SSCI)
- XV. **Prevalence of upper respiratory tract infections and associated factors among children in Turkey**
Çınaroğlu S.
JOURNAL FOR SPECIALISTS IN PEDIATRIC NURSING, vol.25, 2020 (SCI-Expanded)
- XVI. **Nonclinical predictors of caesarean section: a path analytic approach**
Çınaroğlu S.
JOURNAL OF OBSTETRICS AND GYNAECOLOGY, 2019 (SCI-Expanded)
- XVII. **Does the unification of health financing affect the distribution pattern of out-of-pocket health expenses in Turkey?**
Çınaroğlu S., Baser O.
INTERNATIONAL JOURNAL OF SOCIAL WELFARE, vol.28, pp.293-306, 2019 (SSCI)
- XVIII. **Politics and health outcomes: A path analytic approach**
Çınaroğlu S.
INTERNATIONAL JOURNAL OF HEALTH PLANNING AND MANAGEMENT, vol.34, 2019 (SSCI)
- XIX. **The relationship between medical innovation and health expenditure before and after health reform**
Çınaroğlu S., Baser O.
HEALTH POLICY AND TECHNOLOGY, vol.7, pp.379-387, 2018 (SSCI)
- XX. **Demographic and Welfare State Predictors of Out-of-Pocket Health Expenditures: A Path Analytic Model**
Çınaroğlu S.
JOURNAL OF SOCIAL SERVICE RESEARCH, vol.44, pp.569-586, 2018 (SSCI)
- XXI. **Understanding the relationship between effectiveness and outcome indicators to improve quality in healthcare**
Çınaroğlu S., Baser O.
TOTAL QUALITY MANAGEMENT & BUSINESS EXCELLENCE, vol.29, pp.1294-1311, 2018 (SSCI)
- XXII. **FACTORS RELATED TO OUTPATIENT ANTIBIOTIC DRUG CONSUMPTION IN TURKEY**
ÇINAROĞLU S., Baser O.

- VALUE IN HEALTH, vol.20, no.9, 2017 (SCI-Expanded)
- XXIII. **INTERCONTINENTAL LINKS AMONG HEALTH TECHNOLOGY ASSESSMENT ORGANIZATIONS**
Çınaroğlu S., Baser O.
VALUE IN HEALTH, vol.20, 2017 (SCI-Expanded)
- XXIV. **ADULT RISK FACTORS OF NONCOMMUNICABLE DISEASE OUTCOMES**
ÇINAROĞLU S., Baser O.
VALUE IN HEALTH, vol.20, no.9, 2017 (SCI-Expanded)
- XXV. **A FRESH LOOK AT THE PREDICTORS OF THE NUMBER OF HIV CASES IN TURKEY**
ÇINAROĞLU S., Baser O.
VALUE IN HEALTH, vol.20, no.9, 2017 (SCI-Expanded)
- XXVI. **THE FLOW OF EU-28 COUNTRY CLUSTERS IN TERMS OF INFECTIOUS AND CHRONIC DISEASES DURING A REFUGEE CRISIS**
ÇINAROĞLU S., Baser O.
VALUE IN HEALTH, vol.20, no.9, 2017 (SCI-Expanded)
- XXVII. **THE ROLE OF STAKEHOLDER ENGAGEMENT IN E-HEALTH AND THE USE OF BIG DATA TO PREDICT HEALTH OUTCOMES**
ÇINAROĞLU S., Baser O.
VALUE IN HEALTH, vol.20, no.9, 2017 (SCI-Expanded)
- XXVIII. **Explanatory Factors of Quality of Care from Cataract Patients' Perspectives**
ÇINAROĞLU S., Hearld K. R., Igici S. O.
SEMINARS IN OPHTHALMOLOGY, vol.32, no.3, pp.321-325, 2017 (SCI-Expanded)
- XXIX. **SOCIO-ECONOMIC STATUS AND SELF-RATED HEALTH: ARE THEY GOOD PREDICTORS OF INCOME? AN ANALYSIS OF SURVEY PANEL DATA FROM TURKEY**
ÇINAROĞLU S., Baser O.
VALUE IN HEALTH, vol.19, no.7, 2016 (SCI-Expanded)
- XXX. **UNDERSTANDING THE RELATIONSHIP BETWEEN EFFECTIVENESS AND OUTCOME INDICATORS IN HEALTH CARE**
ÇINAROĞLU S., Baser O.
VALUE IN HEALTH, vol.19, no.7, 2016 (SCI-Expanded)
- XXXI. **SPATIAL DISTRIBUTION OF THE TOTAL NUMBER OF MEDICAL DEVICES IN TURKEY: A CLASSIFICATION ANALYSIS**
ÇINAROĞLU S., Baser O.
VALUE IN HEALTH, vol.19, no.7, 2016 (SCI-Expanded)
- XXXII. **THE RELATIONSHIP BETWEEN MEDICAL INNOVATION AND HEALTH EXPENDITURES**
ÇINAROĞLU S., Guzel E., Baser O.
VALUE IN HEALTH, vol.19, no.7, 2016 (SCI-Expanded)
- XXXIII. **USING MACHINE LEARNING TECHNIQUES TO CLASSIFY OECD COUNTRIES ACCORDING TO HEALTH EXPENDITURES**
ÇINAROĞLU S.
VALUE IN HEALTH, vol.18, no.7, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Efficiency and intrinsic quality in healthcare: blending radial and non-radial measures of efficiency with a flashpoint of long-term health policy**
ÇINAROĞLU S.
JOURNAL OF ADVANCES IN MANAGEMENT RESEARCH, 2024 (ESCI)
- II. **Trends in out-of-pocket health expenditure inequality in Turkey under comprehensive health reforms**
ÇINAROĞLU S.

World Development Perspectives, vol.34, 2024 (ESCI)

- III. **Multivariate Relationships Between Health Outcomes and Health System Performance Indicators: An Integrated Factor Analysis With Canonical Correlations**
Karatas Y. E., ÇINAROĞLU S.
Value in Health Regional Issues, vol.40, pp.100-107, 2024 (ESCI)
- IV. **Self-Assessed Health Status of Individuals with Chronic Diseases During and After the COVID-19 Pandemic**
ÇINAROĞLU S.
JOURNAL OF CLINICAL PRACTICE AND RESEARCH, no.1, pp.76-83, 2024 (ESCI)
- V. **Yapay Zekânın Maliyet Etkililiğini İnceleyen Yayınların Bibliyometrik, Kelime Bulutu ve Duygu Analizi**
Çalışkan G., Çınaroğlu S.
Bilişim Teknolojileri Dergisi, vol.16, no.2, pp.151-165, 2023 (Peer-Reviewed Journal)
- VI. **SAĞLIK ALANINDA FAALİYET GÖSTEREN İŞLETMELERİN KONSOLİDE FİNANSAL TABLO ANALİZİ**
KARATAŞ Y. E., ÇINAROĞLU S.
Hacettepe Sağlık İdaresi Dergisi, vol.26, no.1, pp.149-172, 2023 (Peer-Reviewed Journal)
- VII. **CROWDFUNDING AS AN ALTERNATIVE FINANCING MODEL IN HEALTH SERVICES**
UYANIK K., ÇINAROĞLU S.
Hacettepe Sağlık İdaresi Dergisi, vol.26, no.1, pp.279-304, 2023 (Peer-Reviewed Journal)
- VIII. **The interrelationship among health workforce, quality of care, and health outcomes in Turkey**
Çınaroğlu S.
WORLD MEDICAL & HEALTH POLICY, vol.15, no.1, pp.73-87, 2023 (Peer-Reviewed Journal)
- IX. **Sağlık alanında faaliyet gösteren işletmelerin konsolide finansal tablo analizi**
Karataş Y. E., Çınaroğlu S.
Hacettepe Sağlık İdaresi Derg.*, vol.26, no.1, pp.149-174, 2023 (Peer-Reviewed Journal)
- X. **Does increasing the number of beds or health workers contribute to the rational use of scarce public health resources?**
Çınaroğlu S.
Global Health & Medicine, vol.1, no.1, pp.1-10, 2023 (ESCI)
- XI. **Sağlık hizmetlerinde alternatif bir finansman modeli olarak kitlese fonlama**
Uyanık K. C., Çınaroğlu S.
Hacettepe Sağlık İdaresi Derg.*, vol.26, no.1, pp.279-304, 2023 (Peer-Reviewed Journal)
- XII. **Opinion Mining and Machine Learning Analysis: What Emotions Twitter Data Tell Us About Telemedicine?**
Saylan B., Çınaroğlu S.
JOURNAL OF STATISTICS & MANAGEMENT SYSTEMS, vol.1, no.1, pp.1-12, 2023 (ESCI)
- XIII. **Distributive Pattern of Health Services Utilization under Public Health Reform and Promotion in Turkey**
Çınaroğlu S., Çalışkan Z.
Value in Health Regional Issues, vol.1, no.1, pp.1-9, 2022 (Scopus)
- XIV. **Exploring the nexus of equality and efficiency in healthcare**
Çınaroğlu S.
International Journal of Productivity and Performance Management, vol.71, no.2, pp.1-20, 2022 (ESCI)
- XV. **Need for balanced perspective in health technology assessment for low- and middle-income countries**
Çınaroğlu S.
Hacettepe Journal of Health Administration, vol.24, no.4, pp.885-902, 2021 (Peer-Reviewed Journal)
- XVI. **Efficiency in health services based on professionals consensus quality indicators**
Çınaroğlu S.
INTERNATIONAL JOURNAL OF HEALTHCARE MANAGEMENT, vol.14, no.4, pp.993-1001, 2021 (ESCI)
- XVII. **Interaction Between Self-rated Health and Labour Force Participation: A Panel Data Probit Model with Survival Estimates**

- Çınaroğlu S.
Journal of Health Management, vol.1, no.1, pp.1-20, 2021 (ESCI)
- XVIII. **Intensive Care Unit Services Preparedness for the Pandemic: An Efficiency Analysis**
Çınaroğlu S.
Health Services Insights, vol.1, no.1, pp.1-22, 2021 (Scopus)
- XIX. **Associated patient demographic characteristics and disease-related self-care behaviors with diabetes: a mediation model**
Çınaroğlu S.
Journal of Diabetes & Metabolic Disorders, vol.1, no.1, pp.1-8, 2021 (Peer-Reviewed Journal)
- XX. **Distribution of Health Human Resources in Turkey in Provincial Level and a Need for More Effective Policy**
Çınaroğlu S.
Hacettepe Sağlık İdaresi Dergisi, vol.24, no.2, pp.235-254, 2021 (Peer-Reviewed Journal)
- XXI. **Modelling Unbalanced Catastrophic Health Expenditure Data by Using Machine-Learning Methods**
Çınaroğlu S.
Intelligent Systems in Accounting, Finance and Management, vol.1, no.1, pp.1-14, 2020 (ESCI)
- XXII. **Comparative regression performances of machine learning methods optimising hyperparameters: application to health expenditures**
Çınaroğlu S., Başer O.
International Journal of Bioinformatics Research and Applications, vol.16, no.4, pp.387-407, 2020 (Scopus)
- XXIII. **Health behaviors and health services accessibility factors associated with diabetes: a propensity score matching analysis**
Çınaroğlu S.
Expert Review of Endocrinology & Metabolism, vol.1, no.1, pp.1-12, 2020 (Peer-Reviewed Journal)
- XXIV. **Usage of Copas Test and Shrinkage Models to Predict Out-of-Pocket Health Expenditures**
Çınaroğlu S.
Turkiye Klinikleri J Biostat, vol.12, no.3, pp.25-35, 2020 (Peer-Reviewed Journal)
- XXV. **The impact of oversampling with "ubSMOTE" on the performance of machine learning classifiers in prediction of catastrophic health expenditures**
Çınaroğlu S.
Operations Research for Health Care, vol.27, no.100275, pp.1-13, 2020 (ESCI)
- XXVI. **Oncology Services Efficiency in the Age of Pandemic: A Jackknife and Bootstrap Sensitivity Analysis for Robustness Check of DEA Scores**
Çınaroğlu S.
Journal of Cancer Policy, vol.1, no.1, pp.1-12, 2020 (ESCI)
- XXVII. **An Experimental Comparison of Traditional and Machine Learning Methods Prediction Performances: A Study on Health Outcomes**
Çınaroğlu S.
Hacettepe Sağlık İdaresi Dergisi, vol.23, no.1, pp.23-40, 2020 (Peer-Reviewed Journal)
- XXVIII. **Interrelated Factors with Hospital Financial Performance from Hospital Managers' Perspective**
Çınaroğlu S., Zengül F.
Journal of Health Care Finance, vol.46, no.2, pp.1-23, 2019 (Scopus)
- XXIX. **EU-28 Country Clusters and Patterns of Disease During the European Refugee Crisis**
Çınaroğlu S.
Journal of International Migration and Integration, vol.1, no.1, 2019 (ESCI)
- XXX. **Network among HTA ecosystem**
Çınaroğlu S., Baser O.
HEALTH AND TECHNOLOGY, vol.9, pp.153-166, 2019 (ESCI)
- XXXI. **SAĞLIKTA BÖLGESEL PLANLAMA ÇALIŞMALARINDA VERİMLİLİĞİN ARTIRILMASI İÇİN ALTERNATİF BİRYAKLAŞIM: İKİ AŞAMALI KÜMELEME UYGULAMASI**
Çınaroğlu S., Avcı K.

- Verimlilik Dergisi, vol.1, no.2, pp.8-25, 2019 (Peer-Reviewed Journal)
- XXXII. **AVOIDABLE MALIGNANT NEOPLASM MORTALITY IN TURKEY BETWEEN 2009 AND 2018**
Çınaroğlu S., Çalışkan Z.
WORLD CANCER RESEARCH JOURNAL, vol.6, 2019 (ESCI)
- XXXIII. **Maliyet Değer Analizi Sonuçlarının Parametrik Olasılık Dağılımlarına Karşı Duyarlılığı: Bir Markov Zinciri Monte Carlo Simülasyonu Uygulaması**
Çınaroğlu S.
Hacettepe Sağlık İdaresi Dergisi, vol.21, no.2, pp.227-242, 2018 (Peer-Reviewed Journal)
- XXXIV. **Cepten Sağlık Harcamalarının Finansmanında Eşitsizlik ve Hakkaniyet: Uygulamalı Bir Ekonometrik Yaklaşım**
Çınaroğlu S.
İşletme Araştırmaları Dergisi, vol.10, no.1, pp.876-897, 2018 (Peer-Reviewed Journal)
- XXXV. **Eğitim ve Araştırma Hastanesi Olan ve Olmayan Hastanelerin Teknik Verimliliklerinin Veri Zarflama Analizi ile Karşılaştırılması**
Çınaroğlu S.
Hacettepe Sağlık İdaresi Dergisi, vol.21, no.2, pp.179-198, 2018 (Peer-Reviewed Journal)
- XXXVI. **Risk factors associated with chronic low back pain: an analysis of Turkey health survey data**
Çınaroğlu S.
International Journal of Community Medicine and Public Health, vol.1, no.1, 2018 (Peer-Reviewed Journal)
- XXXVII. **Kamu Hastane Birliklerinin Teknik Verimliliklerinin Veri Zarflama Analizi ve Makine Öğrenmesi Teknikleri Kullanılarak İncelenmesi**
ÇINAROĞLU S., BAŞER O.
Ekonomik Yaklaşım, vol.28, no.104, pp.81-120, 2017 (Peer-Reviewed Journal)
- XXXVIII. **Sağlıkta Performans Ölçümünden Stratejik Performans Yönetimine: Path Projesi Örneği**
ÇINAROĞLU S.
Verimlilik Dergisi, no.1, pp.75-92, 2017 (Peer-Reviewed Journal)
- XXXIX. **Belirsizlik Durumunda Deterministik ve Stokastik Yaklaşımların Maliyet-Değer Sonuçları Üzerindeki Etkisi: Diyabet Üzerine Bir Markov Zinciri Monte Carlo Simülasyonu Uygulaması**
ÇINAROĞLU S.
Türkiye Klinikleri Biyoistatistik Dergisi, vol.9, no.3, pp.230-240, 2017 (Peer-Reviewed Journal)
- XL. **Sağlık Harcamasının Tahmininde Makine Öğrenmesi Regresyon Yöntemlerinin Karşılaştırılması**
ÇINAROĞLU S.
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, vol.22, no.2, pp.179-200, 2017 (Peer-Reviewed Journal)
- XLI. **Tıbbi Cihaz Vijilansı**
ÇINAROĞLU S.
Hacettepe Sağlık İdaresi Dergisi, vol.20, no.3, pp.385-395, 2017 (Peer-Reviewed Journal)
- XLII. **İlaç Harcamalarının Sağlık Sonuçları İle İlişkisi: Bir Kanonik Korelasyon Analizi Uygulaması**
ÇINAROĞLU S.
Hacettepe Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi, vol.35, no.2, pp.23-47, 2017 (Peer-Reviewed Journal)
- XLIII. **Kamu ve Özel Sağlık Hizmetlerinin Seçimini Etkileyen Faktörler: Teorik Bir İnceleme**
ÇINAROĞLU S.
Hacettepe Sağlık İdaresi Dergisi, vol.20, no.2, pp.259-274, 2017 (Peer-Reviewed Journal)
- XLIV. **İmaj-İtibar ile Finansal ve Kalite Performansı Arasındaki İlişkiler: Hastaneler Üzerine Bir Uygulama**
ÇINAROĞLU S.
ISTANBUL UNIVERSITY JOURNAL OF THE SCHOOL OF BUSINESS, vol.46, no.1, pp.19-33, 2017 (Peer-Reviewed Journal)
- XLV. **Organ Naklinde Piyasa Tasarımı**
ÇINAROĞLU S.
Hacettepe Sağlık İdaresi Dergisi, vol.20, no.1, pp.109-124, 2017 (Peer-Reviewed Journal)
- XLVI. **Ensemble Learning Methods to Deal with Imbalanced Disease and Left-Skewed Cost Data**

- ÇINAROĞLU S.
American Journal of Bioinformatics Research, 2017 (Peer-Reviewed Journal)
- XLVII. **The Relationship between Image-Reputation, Financial and Quality Performance: An Application on Hospitals**
ÇINAROĞLU S.
ISTANBUL UNIVERSITY JOURNAL OF THE SCHOOL OF BUSINESS, vol.46, no.1, pp.19-33, 2017 (Peer-Reviewed Journal)
- XLVIII. **A Fresh Look at Out-of-Pocket Health Expenditures after More than a Decade Health Reform Experience in Turkey: A Data Mining Application**
ÇINAROĞLU S.
International Journal of Economics and Financial Issues, vol.7, no.5, pp.33-40, 2017 (Peer-Reviewed Journal)
- XLIX. **Spatial Distribution of Total Number of Medical Devices in Turkey: A Classification Analysis**
ÇINAROĞLU S., BAŞER O.
International Journal of Medicine and Public Health, 2017 (Peer-Reviewed Journal)
- L. **Sağlık Harcamasının Tahmininde Klasik Regresyon Yöntemleri İle Veri Madenciliği Regresyon Yöntemlerinin Karşılaştırılması**
ÇINAROĞLU S.
Ekonomik Yaklaşım, vol.27, no.101, pp.185-218, 2016 (Peer-Reviewed Journal)
- LI. **Clustering of OECD Countries Out of Pocket Health Expenditure Time Series Data**
ÇINAROĞLU S.
Research in Applied Economics, vol.8, no.2, pp.23-38, 2016 (Peer-Reviewed Journal)
- LII. **Comparison of Performance of Decision Tree Algorithms and Random Forest An Application on OECD Countries Health Expenditures**
ÇINAROĞLU S.
International Journal of Computer Applications, vol.138, no.1, pp.37-41, 2016 (Peer-Reviewed Journal)
- LIII. **Grouping of Middle Income Countries in Terms of Variables Affecting Their Health Expenditures**
YALÇIN BALÇIK P., ÇINAROĞLU S., İLGÜN G.
TSK Koruyucu Hekimlik Bülteni, vol.15, no.2, pp.112-120, 2016 (Peer-Reviewed Journal)
- LIV. **Gelişmiş Ülkeler ve Türkiye için Diyabet Prevalansını Belirleyen Faktörler ve Diyabet ile Mücadele Stratejileri**
ÇINAROĞLU S.
Akademik Sosyal Araştırmalar Dergisi, vol.4, no.22, pp.413-422, 2016 (Peer-Reviewed Journal)
- LV. **Katastrofik Sağlık Harcaması ve Yoksullaştırıcı Etki**
ÇINAROĞLU S., ŞAHİN B.
Hacettepe Sağlık İdaresi Dergisi, vol.19, no.1, pp.73-86, 2016 (Peer-Reviewed Journal)
- LVI. **Complexity in healthcare management: Why does Drucker describe healthcare organizations as a double-headed monster?**
ÇINAROĞLU S.
INTERNATIONAL JOURNAL OF HEALTHCARE MANAGEMENT, vol.9, no.1, pp.11-17, 2016 (ESCI)
- LVII. **Comparison of Medical and Surgical Nurses Attitudes toward Usage of Electronic Health Records**
ÇINAROĞLU S., AVCI K.
Health Medical Informatics, vol.6, no.4, pp.1-4, 2015 (Peer-Reviewed Journal)
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Activities in Scientific Journals

Health Care Management Science, Editor, 2022 - Continues

Journal Of Social Service Research, Committee Member, 2019 - Continues

Metrics

Publication: 171

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