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Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Biyoistatistik, Turkey 2001 - 2005
Postgraduate, Inonu University, Sağlık Bilimleri Enstitüsü, Biyoistatistik, Turkey 1999 - 2001
Undergraduate, Ondokuz Mayis University, Fen Edebiyat, İstatistik, Turkey 1994 - 1999

Dissertations

Doctorate, Doğrusal olmayan büyüme modelleri ve özilişkinin incelenmesi/ Nonlinear growth models and the study of autocorrelation, Ankara University, 2005
Postgraduate, Lojistik regresyon analizi ve sağlık bilimlerinde bir uygulama / Logistic regression and its application in health sciences, Inonu University, Sağlık Bilimleri Enstitüsü, Sağlık Bilimleri Enstitüsü/Biyoistatistik Anabilim Dalı, 2001

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biostatistics and Medical Informatics, Epidemiology, Information Security and Reliability, Computer Vision, bioinformatics, Artificial Intelligence, Computer Learning and Pattern Recognition, Pattern Recognition and Image Processing

Academic Titles / Tasks

Professor, Inonu University, Tıp Fakültesi, Temel Tıp Bilimleri, 2016 - Continues
Associate Professor, Inonu University, Tıp Fakültesi, Temel Tıp Bilimleri, 2011 - 2016
Assistant Professor, Inonu University, Tıp Fakültesi, Temel Tıp Bilimleri, 2007 - 2011

Academic and Administrative Experience

Deputy Chief Physician, Inonu University, (Tötm), 2016 - 2018

Courses

Probleme Dayalı Tartışma, Undergraduate, 2013-2014
Medical Informatics, Undergraduate, 2013-2014
Tıp Bilişimi, Undergraduate, 2013-2014
SAĞLIK BİLİMLERİNDE ARAŞTIRMA YÖNTEMLERİ, Undergraduate Double Major, 2013-2014
BİYOİSTATİSTİK, Undergraduate, 2013-2014
ARAŞTIRMA DEĞERLENDİRMEDE BİLGİSAYAR VE İSTATİSTİKSEL YAZILIM KULLANIMI, Undergraduate Double Major, 2013-2014
Kanıta Dayalı Tıp Uygulamaları, Undergraduate, 2013-2014

Advising Theses

ÇOLAK C., Koroner Arter Hastalarında Hipertansiyonun Sınıflandırılması için Dengesiz Sınıf Probleminin Tıbbi Bilgi Keşfi Süreci ile Giderilmesi, Postgraduate, A.KADİR(Student), 2018
ÇOLAK C., İŞGÜCÜNE KATILIM ORANINI ETKİLEYEN FAKTÖRLERİN KATEGORİK REGRESYON ANALİZİ İLE MODELLENMESİ, Postgraduate, S.SAKLIYAN(Student), 2018
ÇOLAK C., Çeşitli çekirdek fonksiyonları ile oluşturulan destek vektör makinesi modellerinin performanslarının incelenmesi: Bir klinik uygulama, Doctorate, E.GÜLDOĞAN(Student), 2017
ÇOLAK C., Sağlam regresyon tahmin edicilerinin incelenmesi ve bir uygulama, Postgraduate, A.TOY(Student), 2014
ÇOLAK C., Prostat spesifik antijen (PSA)'nın değişik yapay sinir ağı modelleri ile tahmini, Postgraduate, M.ONUR(Student), 2011
ÇOLAK C., Sol atriyum çapının temel bileşenler regresyonu, kısmi en küçük kareler regresyonu ve yapay sinir ağları ile tahminlerinin karşılaştırılması, Postgraduate, F.AŞKIN(Student), 2011
ÇOLAK C., Sistolik kan basıncını etkileyebilecek faktörlerin ridge regresyon analizi ile incelenmesi ve çoklu bağlantı problemi, Postgraduate, E.PAMUKÇU(Student), 2010

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Next-Generation Healthcare: Artificial Intelligence Applications in Disease Management**
Akbulut A. S., Colak C.
DIAGNOSTICS, vol.14, no.11, pp.1087, 2024 (SCI-Expanded)

II. **Analysis of hematological indicators via explainable artificial intelligence in the diagnosis of acute heart failure: a retrospective study.**
Yilmaz R., Yagin F. H., Colak C., Toprak K., Abdel Samee N., Mahmoud N. F., Alshahrani A. A.
Frontiers in medicine, vol.11, pp.1285067, 2024 (SCI-Expanded)

III. **Development of an expert system for the classification of myalgic encephalomyelitis/chronic fatigue syndrome.**
Yagin F. H., Shateri A., Nasiri H., Yagin B., Colak C., Alghannam A. F.
PeerJ. Computer science, vol.10, 2024 (SCI-Expanded)

IV. **Assessment of Sepsis Risk at Admission to the Emergency Department: Clinical Interpretable Prediction Model.**
Aygun U., Yagin F. H., Yagin B., Yasar S., Colak C., Ozkan A. S., Ardigò L. P.
Diagnostics (Basel, Switzerland), vol.14, no.5, 2024 (SCI-Expanded)

V. **Determination of biomarker candidates for the placenta accreta spectrum by plasma proteomic analysis.**
Melekoglu R., Yasar S., Colak C., Kasap M., Dogan U. K., Yologlu S., Yilmaz E., Shazly S.
Scientific reports, vol.14, no.1, pp.2803, 2024 (SCI-Expanded)

VI. **A proposed tree-based explainable artificial intelligence approach for the prediction of angina**

pectoris.
Guldogan E., Yagin F. H., Pinar A., Colak C., Kadry S., Kim J.
Scientific reports, vol.13, no.1, pp.22189, 2023 (SCI-Expanded)

VII. **An Explainable Artificial Intelligence Model Proposed for the Prediction of Myalgic Encephalomyelitis/Chronic Fatigue Syndrome and the Identification of Distinctive Metabolites.**
Yagin F. H., Alkhateeb A., Raza A., Samee N. A., Mahmoud N. F., Colak C., Yagin B.
Diagnostics (Basel, Switzerland), vol.13, no.23, 2023 (SCI-Expanded)

VIII. **Angiotensin II type 2 receptor agonist treatment of doxorubicin induced heart failure.**
Ermis N., Ulutas Z., Ozhan O., Yildiz A., Vardi N., Colak C., Parlakpinar H.
Biotechnic & histochemistry : official publication of the Biological Stain Commission, vol.98, no.5, pp.326-335, 2023 (SCI-Expanded)

IX. **Cancer Metastasis Prediction and Genomic Biomarker Identification through Machine Learning and eXplainable Artificial Intelligence in Breast Cancer Research.**
Yagin B., Yagin F. H., Colak C., Inceoglu F., Kadry S., Kim J.
Diagnostics (Basel, Switzerland), vol.13, no.21, 2023 (SCI-Expanded)

X. **Predicting Duodenal Cancer Risk in Patients with Familial Adenomatous Polyposis Using Machine Learning Model.**
Akbulut S., Kucukakcali Z., Colak C.
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.34, no.10, pp.1025-1034, 2023 (SCI-Expanded)

XI. **Nephrotoxicity Development of a Clinical Decision Support System Based on Tree-Based Machine Learning Methods to Detect Diagnostic Biomarkers from Genomic Data in Methotrexate-Induced Rats**
Cicek I. B., Colak C., Yologlu S., Kucukakcali Z., Ozhan O., Taslidere E., Danis N., Koc A., Parlakpinar H., Akbulut S.
APPLIED SCIENCES-BASEL, vol.1, pp.1, 2023 (SCI-Expanded)

XII. **Effect of COVID-19 Pandemic on Patients Who Have Undergone Liver Transplantation: Retrospective Cohort Study.**
Akbulut S., Yagin F. H., Sahin T. T., Garzali I. U., Tuncer A., Akyuz M., Bagci N., Barut B., Unsal S., Sarici K. B., et al.
Journal of clinical medicine, vol.12, no.13, 2023 (SCI-Expanded)

XIII. **Prediction of Postcoronary Artery Bypass Grafting Atrial Fibrillation: POAFRiskScore Tool.**
Arslan A. K., Erdil N., Guldogan E., Colak C., Akca B., Colak M. C.
The Thoracic and cardiovascular surgeon, vol.71, no.04, pp.282-290, 2023 (SCI-Expanded)

XIV. **Histopathological Evaluation of Gallbladder Specimens Obtained From Living Liver Donors.**
Akbulut S., Sarici K. B., Toprak S., Tuncer A., Ciftci F., Karadag N., Gurluler E., Karabulut E., Colak C., Yilmaz S.
Transplantation proceedings, vol.55, no.5, pp.1267-1272, 2023 (SCI-Expanded)

XV. **Value of fecal calprotectin in prediction of acute appendicitis based on a proposed model of machine learning.**
Kucukakcali Z., Akbulut S., Colak C.
Ulusal travma ve acil cerrahi dergisi = Turkish journal of trauma & emergency surgery : TJTES, vol.29, no.6, pp.655-662, 2023 (SCI-Expanded)

XVI. **Modeling Based on Ensemble Learning Methods for Detection of Diagnostic Biomarkers from LncRNA Data in Rats Treated with Cis-Platinum-Induced Hepatotoxicity.**
Kucukakcali Z., Colak C., Gozukara Bag H. G., Balikci Cicek I., Ozhan O., Yildiz A., Danis N., Koc A., Parlakpinar H., Akbulut S.
Diagnostics (Basel, Switzerland), vol.13, no.9, 2023 (SCI-Expanded)

XVII. **A Fecal-Microbial-Extracellular-Vesicles-Based Metabolomics Machine Learning Framework and Biomarker Discovery for Predicting Colorectal Cancer Patients.**
Yagin F. H., Alkhateeb A., Colak C., Azzeh M., Yagin B., Rueda L.
Metabolites, vol.13, no.5, 2023 (SCI-Expanded)

XVIII. **Effect of the COVID-19 Pandemic on the Psychological Health of Patients Who Underwent Liver Transplantation Due to Hepatocellular Carcinoma.**
Akbulut S., Kucukakcali Z., Saritas H., Bozkir Ç., Tamer M., Akyuz M., Bagci N., Unsal S., Akbulut M. S., Sahin T. T., et al.

Diagnostics (Basel, Switzerland), vol.13, no.8, 2023 (SCI-Expanded)

XIX. **Evaluation of the Turkish Population's Perspective on COVID-19 Vaccine Hesitancy and Routine Childhood Vaccine Applications: National Survey Study.**
Akbulut S., Boz G., Ozer A., Sahin T. T., Colak C.
Vaccines, vol.11, no.4, 2023 (SCI-Expanded)

XX. **Explainable artificial intelligence model for identifying COVID-19 gene biomarkers.**
Yagin F. H., Cicek İ. B., Alkhateeb A., Yagin B., Colak C., Azzeh M., Akbulut S.
Computers in biology and medicine, vol.154, pp.106619, 2023 (SCI-Expanded)

XXI. **Prediction of Perforated and Nonperforated Acute Appendicitis Using Machine Learning-Based Explainable Artificial Intelligence**
Akbulut S., Yağın F. H., Cicek I. B., Koc C., Çolak C., Yilmaz S.
DIAGNOSTICS, vol.13, no.6, pp.1173-1178, 2023 (SCI-Expanded)

XXII. **Effect of ursodeoxycholic acid on liver regeneration capacity after living donor hepatectomy: a prospective, randomized, double-blind clinical trial.**
Aloun A., Akbulut S., Garzali I. U., Gonultas F., Baskiran A., Hargura A. S., Colak C., Yilmaz S.
European review for medical and pharmacological sciences, vol.27, no.3, pp.999-1006, 2023 (SCI-Expanded)

XXIII. **Clinical presentation, management, screening and surveillance for colorectal cancer during the COVID-19 pandemic**
AKBULUT A. S., Hargura A. S., Garzali I. U., Aloun A., ÇOLAK C.
WORLD JOURNAL OF CLINICAL CASES, vol.10, no.26, pp.9228-9240, 2022 (SCI-Expanded)

XXIV. **Evaluation of Vaccine Hesitancy and Anxiety Levels among Hospital Cleaning Staff and Caregivers during COVID-19 Pandemic**
Akbulut S., Gokce A., Boz G., Saritas H., Unsal S., Ozer A., Akbulut M. S., Colak C.
VACCINES, vol.10, no.9, 2022 (SCI-Expanded)

XXV. **Alpha lipoic acid decreases neuronal damage on brain tissue of STZ-induced diabetic rats**
TANBEK K., Ozerol E., Yilmaz U., Yilmaz N., Gul M., Colak C.
PHYSIOLOGY & BEHAVIOR, vol.248, 2022 (SCI-Expanded)

XXVI. **ARTIFICIAL INTELLIGENCE-ASSISTED PREDICTION OF COVID-19 STATUS BASED ON THORAX CT SCANS USING A PROPOSED META-LEARNING STRATEGY**
GÜLDOĞAN E., Yilderim I. O., Sevgi S., ÇOLAK C.
ACTA MEDICA MEDITERRANEA, vol.38, no.3, pp.1515-1521, 2022 (SCI-Expanded)

XXVII. **PREDICTION OF COVID-19 SEVERITY IN SARS-COV-2 RNA-POSITIVE PATIENTS BY DIFFERENT ENSEMBLE LEARNING STRATEGIES**
GÖZÜKARA BAĞ H. G., Kivrak M., GÜLDOĞAN E., ÇOLAK C.
ACTA MEDICA MEDITERRANEA, vol.38, no.2, pp.1085-1091, 2022 (SCI-Expanded)

XXVIII. **Polychlorinated biphenyls and organochlorine pesticides in breast milk samples and their correlation with dietary and reproductive factors in lactating mothers in Istanbul**
Agus S., Akkaya H., Daglioglu N., Eyuboglu S., Atasayan O., Mete F., ÇOLAK C., SANDAL S., YILMAZ B.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.29, no.3, pp.3463-3473, 2022 (SCI-Expanded)

XXIX. **Nutritional evaluation of non-traumatic patients admitted to the hospital from Emergency Department**
Gurbuz Ş., Ekmekyapar M., Durak M. A., Oguzturk H., Turtay M. G., Yucel N., Demir T. O., Colak C.
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.26, no.10, pp.3593-3598, 2022 (SCI-Expanded)

XXX. **Can Temperament and Character Traits Be Used in the Diagnostic Differentiation of Children With ADHD?**
UCUZ İ., Cicek A. U., Cansel N., Kilic B., ÇOLAK C., Yazici I. P., Kilic F., KÜÇÜKAKÇALI Z.
JOURNAL OF NERVOUS AND MENTAL DISEASE, vol.209, no.12, pp.905-910, 2021 (SCI-Expanded)

XXXI. **Protective effects of naringin on valproic acid-induced hepatotoxicity in rats**
Koroglu O. F., Gunata M., Vardi N., Yildiz A., Ates B., Colak C., Tanriverdi L. H., Parlakpinar H.
TISSUE & CELL, vol.72, 2021 (SCI-Expanded)

XXXII. **An investigation into the factors predicting acute appendicitis and perforated appendicitis.**
Akbulut S., Koç C., Şahin T. T., Şahin E., Tuncer A., Demyati K., Şamdancı E., Çolak C., Yılmaz S.
Ulusal travma ve acil cerrahi dergisi = Turkish journal of trauma & emergency surgery : TJTES, vol.27, no.4,
pp.434-442, 2021 (SCI-Expanded)

XXXIII. **Prevalence and predictors of psychological response during immediate COVID-19 pandemic**
Cansel N., UCUZ İ., ARSLAN A. K., KAYHAN TETİK B., ÇOLAK C., Melez S. N. I., Sule Gumustakim R., Ceylan S., Zeren
ozturk G., Kilic Ozturk Y., et al.
INTERNATIONAL JOURNAL OF CLINICAL PRACTICE, vol.75, no.5, 2021 (SCI-Expanded)

XXXIV. **Quality of life, emotion dysregulation, attention deficit and psychiatric comorbidity in children and
adolescents with vitiligo**
UCUZ İ., ALTUNIŞIK N., ŞENER S., TÜRKMEN D., KAVURAN N. A., MARSAK M., ÇOLAK C.
CLINICAL AND EXPERIMENTAL DERMATOLOGY, vol.46, no.3, pp.510-515, 2021 (SCI-Expanded)

XXXV. **Artificial Intelligence-Based Prediction of Covid-19 Severity on the Results of Protein Profiling**
YAŞAR Ş., ÇOLAK C., YOLOĞLU S.
COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, vol.202, 2021 (SCI-Expanded)

XXXVI. **Comparison of patients' diagnoses in a dermatology outpatient clinic during the COVID-19 pandemic
period and pre-pandemic period**
TÜRKMEN D., ALTUNIŞIK N., MANTAR İ., DURMAZ İ., ŞENER S., ÇOLAK C.
INTERNATIONAL JOURNAL OF CLINICAL PRACTICE, vol.75, no.4, 2021 (SCI-Expanded)

XXXVII. **Prediction of death status on the course of treatment in SARS-COV-2 patients with deep learning and
machine learning methods**
Kivrak M., GÜLDOĞAN E., ÇOLAK C.
COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, vol.201, 2021 (SCI-Expanded)

XXXVIII. **Effects of Systemic Administration of Cisplatin and Hydrogen Sulfide on Cerebrum and Cerebellum
Tissue in Rats**
POLAT S., ÖZHAN O., PARLAKPINAR H., DURAK M. A., VARDI N., YILDIZ A., TÜRKÖZ Y., BENTLİ R., ÇOLAK C., ACET H.
A.
NEUROENDOCRINOLOGY, vol.111, pp.59-60, 2021 (SCI-Expanded)

XXXIX. **Effect of Intracerebroventricular MOTS-c Infusion on Peripheral Uncoupling Proteins in Rats**
Bahar M. R., Tekin S., Beytur A., Önalan E., Çolak C., Sandal S.
NEUROENDOCRINOLOGY, vol.111, pp.33-34, 2021 (SCI-Expanded)

XL. **Estimation of the Factors Associated with Diabetes Mellitus by Multilayer Perceptron Artificial
Neural Network Model**
POLAT S., PARLAKPINAR H., ÇOLAK C.
NEUROENDOCRINOLOGY, vol.111, pp.59, 2021 (SCI-Expanded)

XLI. **The Protective Effects of Compound 21 and Valsartan in Isoproterenol-Induced Myocardial Injury in
Rats**
Ulutas Z., Ermis N., Ozhan O., Parlakpinar H., Vardi N., Ates B., Colak C.
CARDIOVASCULAR TOXICOLOGY, vol.21, no.1, pp.17-28, 2021 (SCI-Expanded)

XLII. **Knowledge and Awareness of Physicians About Rational Antibiotic Use and Antimicrobial Resistance
Before and After Graduation: A Cross-Sectional Study Conducted in Malatya Province in Turkey**
Köse A., Çolak C.
INFECTION AND DRUG RESISTANCE, vol.14, pp.2557-2568, 2021 (SCI-Expanded)

XLIII. **A comparison of laryngeal mask airway-supreme and endotracheal tube use with respect to airway
protection in patients undergoing septoplasty: a randomized, single-blind, controlled clinical trial**
KARAASLAN E., AKBAŞ S., ÖZKAN A. S., ÇOLAK C., BEGEÇ Z.
BMC ANESTHESIOLOGY, vol.21, no.1, 2021 (SCI-Expanded)

XLIV. **Effects of scapular stabilization exercises in patients of chronic neck pain with scapular dyskinesis:
A quasi-experimental study**
ÖZDEMİR F., Toy S., KIZILAY F., Avci Z. T., ALTAY Z., ÇOLAK C.
TURKISH JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION, vol.67, no.1, pp.77-83, 2021 (SCI-Expanded)

XLV.	**The role of physical activity on mental health and quality of life during COVID-19 outbreak: A cross-sectional study**
Ozdemir F., Cansel N., Kizilay F., Guldogan E., Ucuz İ., Sinanoglu B., Colak C., Cumurcu H.
EUROPEAN JOURNAL OF INTEGRATIVE MEDICINE, vol.40, 2020 (SCI-Expanded)

XLVI.	**Evaluation of the effects of COVID-19 pandemic on hair diseases through a web-based questionnaire**
Turkmen D., Altunisik N., Sener S., Colak C.
DERMATOLOGIC THERAPY, vol.33, no.6, 2020 (SCI-Expanded)

XLVII.	**Role of Adenosine Deaminase in Patients with Erythematotelangiectatic Rosacea and Demodex folliculorum Positivity.**
Sener S., Karaman U., Kiran T. R., Colak C., Aslan A., Direkel S.
Iranian journal of parasitology, vol.15, no.4, pp.596-601, 2020 (SCI-Expanded)

XLVIII.	**Response to: The effect of placement of a support under the shoulders on laryngeal visualization with a C-MAC Miller Video Laryngoscope in children younger than 2 years of age**
Koylu Gencay Z., BEGEÇ Z., ÖZGÜL Ü., ÇOLAK C.
PEDIATRIC ANESTHESIA, vol.30, no.7, pp.847, 2020 (SCI-Expanded)

XLIX.	**Investigation of Turkish dentists' clinical attitudes and behaviors towards the COVID-19 pandemic: a survey study.**
Duruk G., Gümüşboğa Z., Çolak C.
Brazilian oral research, vol.34, 2020 (SCI-Expanded)

L.	**Comparison of videolaryngoscope-guided versus standard digital insertion techniques of the ProSeal (TM) laryngeal mask airway: a prospective randomized study**
ÖZGÜL Ü., AKGÜL ERDİL F., ERDOĞAN M. A., BEGEÇ Z., ÇOLAK C., YÜCEL A., DURMUŞ M.
BMC ANESTHESIOLOGY, vol.19, no.1, 2019 (SCI-Expanded)

LI.	**Acute and Subacute Effects of Low Versus High Doses of Standardized Panax ginseng Extract on the Heart: An Experimental Study**
PARLAKPINAR H., ÖZHAN O., ERMİŞ N., VARDI N., ÇİĞREMİŞ Y., TANRIVERDI L. H., ÇOLAK C., ACET A.
CARDIOVASCULAR TOXICOLOGY, vol.19, no.4, pp.306-320, 2019 (SCI-Expanded)

LII.	**The effect of placement of a support under the shoulders on laryngeal visualization with a C-MAC Miller Video Laryngoscope in children younger than 2 years of age**
Gencay Z. K., BEGEÇ Z., ÖZGÜL Ü., ÇOLAK C.
PEDIATRIC ANESTHESIA, vol.29, no.8, pp.814-820, 2019 (SCI-Expanded)

LIII.	**The risk factors of portal vein thrombosis in patients with liver cirrhosis**
Cagin Y. F., BİLGİÇ Y., Berber İ., YILDIRIM O., ERDOĞAN M. A., Firat F., ARSLAN A. K., ÇOLAK C., SEÇKİN Y., Harputluoglu M. M. M.
EXPERIMENTAL AND THERAPEUTIC MEDICINE, vol.17, no.4, pp.3189-3194, 2019 (SCI-Expanded)

LIV.	**Comparison of hemodynamic responses and QTc intervals to tracheal intubation with the McGRATH MAC videolaryngoscope and the Macintosh direct laryngoscope in elderly patients**
Colak F., ÖZGÜL Ü., Erdogan M. A., KAYHAN G. E., AKGÜL ERDİL F., ÇOLAK C., DURMUŞ M.
KAOHSIUNG JOURNAL OF MEDICAL SCIENCES, vol.35, no.2, pp.116-122, 2019 (SCI-Expanded)

LV.	**Effect of Intracerebroventricular Administration of Apelin-13 on the Hypothalamus-Pituitary-Thyroid Axis and Peripheral Uncoupling Proteins**
ERDEN Y., TEKİN S., TEKİN Ç., Ozyalin F., YILMAZ Ü., ÖNALAN E., ÇİĞREMİŞ Y., ÇOLAK C., SANDAL S.
INTERNATIONAL JOURNAL OF PEPTIDE RESEARCH AND THERAPEUTICS, vol.24, no.4, pp.511-517, 2018 (SCI-Expanded)

LVI.	**Effects of Peripheral Irisin Infusion on the Glucose Uptake in High-Fat-Diet-Induced Obese Rats**
Sandal S., Tekin S., Erden Y., Caglayan A. B., Ozyalin F., Çiğremiş Y., Çolak C.
ACTA PHYSIOLOGICA, vol.225, pp.64, 2018 (SCI-Expanded)

LVII.	**Changes in Melatonin, Cortisol, and Body Temperature, and the Relationship Between Endogenous Melatonin Levels and Analgesia Consumption in Patients Undergoing Bariatric Surgery**
Altunkaya N., ERDOĞAN M. A., ÖZGÜL Ü., ŞANLI M., UÇAR M., ÖZHAN O., SÜMER F., ERDOĞAN S., ÇOLAK C., DURMUŞ M.

OBESITY SURGERY, vol.28, no.10, pp.3186-3192, 2018 (SCI-Expanded)

LVIII. **Pathogens of Intensive Care Unit-Acquired Infections and Their Antimicrobial Resistance: A 9-Year Analysis of Data from a University Hospital**
YETKİN F., YAKUPOĞULLARI Y., KUZUCU Ç., ERSOY Y., OTLU B., Colak C., PARMAKSIZ N.
JUNDISHAPUR JOURNAL OF MICROBIOLOGY, vol.11, no.10, 2018 (SCI-Expanded)

LIX. **Is There Any Difference in Risk Factors between Male and Female Patients in New-Onset Atrial Fibrillation after Coronary Artery Bypass Grafting?**
AKÇA B., ERDİL N., ÇOLAK M. C., DİŞLİ O. M., BATTALOĞLU B., ÇOLAK C.
THORACIC AND CARDIOVASCULAR SURGEON, vol.66, no.6, pp.483-490, 2018 (SCI-Expanded)

LX. **COMPARISON OF PULMONARY FUNCTION TESTING AMONG NON-SMOKERS, HAND-ROLLED CIGARETTE SMOKERS AND FACTORY MADE CIGARETTE SMOKERS**
Turgut K., TURTAY M. G., Kilic T., OĞUZTÜRK H., Gulacti U., GUR A., GUVEN T., ÇOLAK C.
SOUTHEAST ASIAN JOURNAL OF TROPICAL MEDICINE AND PUBLIC HEALTH, vol.49, no.3, pp.469-477, 2018 (SCI-Expanded)

LXI. **Central irisin administration suppresses thyroid hormone production but increases energy consumption in rats**
Tekin S., Erden Y., Ozyalın F., Onalan E. E., Çiğremiş Y., Çolak C., Tekedereli İ., Sandal S.
NEUROSCIENCE LETTERS, vol.674, pp.136-141, 2018 (SCI-Expanded)

LXII. **Assessment of clinical and pathological features of patients who underwent thyroid surgery: A retrospective clinical study**
Emre A., Akbulut S., Sertkaya M., Bitiren M., Kale İ. T., Bulbuloglu E., Çolak C.
WORLD JOURNAL OF CLINICAL CASES, vol.6, no.3, pp.20-26, 2018 (SCI-Expanded)

LXIII. **A New Strategy for Enhancing Acanthamoebicidal Activity with Synthesis of Nanoflower of Laurocerausus officinalis Roemer (Cherry laurel) Fruit Extracts**
Baldemir A., Karaman U., Yusufbeyoglu S., EKEN A., ILDIZ N., İLGÜN S., ÇOLAK C., Kacmaz G., ÖÇSOY İ., Cankaya S.
MIKROBIYOLOJI BULTENI, vol.52, no.1, pp.56-71, 2018 (SCI-Expanded)

LXIV. **Falls from height: A retrospective analysis**
Turgut K., SARIHAN M. E., ÇOLAK C., GUVEN T., GUR A., GÜRBÜZ Ş.
WORLD JOURNAL OF EMERGENCY MEDICINE, vol.9, no.1, pp.46-50, 2018 (SCI-Expanded)

LXV. **The Effects of Remifentanil on Hemodynamic Response Attenuation After Electroconvulsive Therapy Under Sevoflurane Anesthesia**
ERDIL F., ÖZGÜL Ü., ŞANLI M., KAYHAN G., ÇOLAK C., DURMUŞ M.
JOURNAL OF ECT, vol.33, no.4, pp.264-267, 2017 (SCI-Expanded)

LXVI. **The Role of CD90 in the Differential Diagnosis of Pleural Malignant Mesothelioma, Pulmonary Carcinoma and Comparison with Calretinin.**
Sahin N., AKATLI A. N., ÇELİK M. R., ULUTAŞ H., SAMDANCI E., ÇOLAK C.
Pathology oncology research : POR, vol.23, no.3, pp.487-491, 2017 (SCI-Expanded)

LXVII. **Patient-controlled Intermittent Epidural Bolus Versus Epidural Infusion for Posterior Spinal Fusion After Adolescent Idiopathic Scoliosis**
ERDOĞAN M. A., ÖZGÜL Ü., UÇAR M., KORKMAZ M. F., AYDOĞAN M. S., ÖZKAN A. S., ÇOLAK C., DURMUŞ M.
SPINE, vol.42, no.12, pp.882-886, 2017 (SCI-Expanded)

LXVIII. **The effects of intracerebroventricular infusion of irisin on feeding behaviour in rats**
Tekin S., Erden Y., Ozyalın F., Çiğremiş Y., Çolak C., Sandal S.
NEUROSCIENCE LETTERS, vol.645, pp.25-32, 2017 (SCI-Expanded)

LXIX. **Effect of transversus abdominis plane block in combination with general anesthesia on perioperative opioid consumption, hemodynamics, and recovery in living liver donors: The prospective, double-blinded, randomized study**
ERDOĞAN M. A., ÖZGÜL Ü., UÇAR M., YALIN M. R., ÇOLAK Y. Z., ÇOLAK C., TOPRAK H. İ.
CLINICAL TRANSPLANTATION, vol.31, no.4, 2017 (SCI-Expanded)

LXX. **The influence of corneal collagen cross-linking on anterior chamber in keratoconus**
POLAT N., GÜNDÜZ A., ÇOLAK C.

INDIAN JOURNAL OF OPHTHALMOLOGY, vol.65, no.4, pp.271-275, 2017 (SCI-Expanded)

LXXI. **Antenatal magnesium sulfate use for fetal neuroprotection experience from a tertiary care Hospital in Turkey**
MELEKOĞLU R., SEVIL E., Celik E., ŞİMŞEK Ö. Y., ÇOLAK C.
BIOMEDICAL RESEARCH-INDIA, vol.28, no.4, pp.1749-1754, 2017 (SCI-Expanded)

LXXII. **Multiple PRP injections are more effective than single injections and hyaluronic acid in knees with early osteoarthritis: a randomized, double-blind, placebo-controlled trial**
Gormeli G., GÖRMELİ C. A., Ataoglu B., ÇOLAK C., Aslanturk O., ERTEM K.
KNEE SURGERY SPORTS TRAUMATOLOGY ARTHROSCOPY, vol.25, no.3, pp.958-965, 2017 (SCI-Expanded)

LXXIII. **Ultrasound-guided transversus abdominis plane block for postoperative analgesia in living liver donors: A prospective, randomized, double-blinded clinical trial**
KITLIK A., ERDOĞAN M. A., ÖZGÜL Ü., AYDOĞAN M. S., UÇAR M., TOPRAK H. İ., ÇOLAK C., DURMUŞ M.
JOURNAL OF CLINICAL ANESTHESIA, vol.37, pp.103-107, 2017 (SCI-Expanded)

LXXIV. **The evaluation of non-ischemic dilated cardiomyopathy with T1 mapping and ECV methods using 3T cardiac MRI**
GÖRMELİ C. A., Ozdemir Z., Kahraman A. S., Yagmur J., ÖZDEMİR R., ÇOLAK C.
RADIOLOGIA MEDICA, vol.122, no.2, pp.106-112, 2017 (SCI-Expanded)

LXXV. **Comparison of patients with fulminant versus near-miss fulminant drug-induced hepatitis**
Bilgic Y., Akbulut S., Kutlu O., Yilmaz C., Colak C., Deviren M. V., Cagin Y. F., Seckin Y., Yildirim O., Harputluoglu M.
BIOMEDICAL RESEARCH-INDIA, vol.28, no.2, pp.663-670, 2017 (SCI-Expanded)

LXXVI. **Potential risk factors for early large pleural effusion after coronary artery bypass grafting surgery**
ÇOLAK M. C., ÇOLAK C., ERDİL N., SANDAL S.
BIOMEDICAL RESEARCH-INDIA, vol.28, no.2, pp.625-629, 2017 (SCI-Expanded)

LXXVII. **Pulmonary embolism: single and multiple risk factors**
DEMIR B., OĞUZTÜRK H., TURTAY M. G., ÇOLAK C., DEMIR N. K., GÜRBÜZ Ş.
BIOMEDICAL RESEARCH-INDIA, vol.28, no.9, pp.4213-4218, 2017 (SCI-Expanded)

LXXVIII. **An intelligent system for the classification of postoperative pleural effusion between 4 and 30 days using medical knowledge discovery.**
GÜLDOĞAN E., ARSLAN A. K., ÇOLAK M. C., ÇOLAK C., ERDİL N.
BIOMEDICAL RESEARCH-INDIA, vol.28, no.4, pp.1553-1556, 2017 (SCI-Expanded)

LXXIX. **Handling imbalanced class problem for the prediction of atrial fibrillation in obese patient**
ÇOLAK C., KARAASLAN E., ÇOLAK C., ARSLAN A. K., ERDİL N.
BIOMEDICAL RESEARCH-INDIA, vol.28, no.7, pp.3293-3299, 2017 (SCI-Expanded)

LXXX. **Dosimetric comparison of helical tomotherapy, intensity-modulated radiation therapy, volumetric-modulated arc therapy, and 3-dimensional conformal therapy for the treatment of T1N0 glottic cancer**
EKICI K., PEPELE E. K., YAPRAK B., TERNELLI O., ERASLAN A. F., Kucuk N., Altinok A. Y., Sut P. A., Alpak O. D., ÇOLAK C., et al.
Medical Dosimetry, vol.41, no.4, pp.329-333, 2016 (SCI-Expanded)

LXXXI. **Incidence and clinical presentation of portal vein thrombosis in cirrhotic patients**
CAGIN Y. F., ATAYAN Y., ERDOĞAN M. A., DAĞTEKİN F., ÇOLAK C.
HEPATOBILIARY & PANCREATIC DISEASES INTERNATIONAL, vol.15, no.5, pp.499-503, 2016 (SCI-Expanded)

LXXXII. **Neurotransmitters Levels in Experimentally Produced Alzheimer Model in Rats**
Demır M., Yılmaz Ü., Sandal S., Çolak C., Ozyalın F.
ACTA PHYSIOLOGICA, vol.218, pp.71, 2016 (SCI-Expanded)

LXXXIII. **Does Irisin Affect Uncoupling Protein Levels in Fat and Muscle Tissues?**
TEKİN S., SANDAL S., Erden Y., Onalan E. E., ÇOLAK C.
ACTA PHYSIOLOGICA, vol.218, pp.49, 2016 (SCI-Expanded)

LXXXIV. **Detailed Anatomical Analysis of the Sphenoid Sinus and Sphenoid Sinus Ostium by Cone-Beam Computed Tomography**
YILMAZ N., KÖSE E., DEDEOĞLU N., ÇOLAK C., ÖZBAĞ D., DURAK M. A.

JOURNAL OF CRANIOFACIAL SURGERY, vol.27, no.6, 2016 (SCI-Expanded)

LXXXV. **The Effect of Melatonin on the Alzheimer's Disease: Relationship with FEZ1 Gene Expression**
Demır M., Yılmaz Ü., Sandal S., Çolak C., Çiğremiş Y.
ACTA PHYSIOLOGICA, vol.218, pp.21-22, 2016 (SCI-Expanded)

LXXXVI. **Different medical data mining approaches based prediction of ischemic stroke**
ARSLAN A. K., ÇOLAK C., SARIHAN M. E.
COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, vol.130, pp.87-92, 2016 (SCI-Expanded)

LXXXVII. **Prediction of cholesterol level in patients with myocardial infarction based on medical data mining methods**
ÇOLAK C., ÇOLAK M. C., ERMİŞ N., ERDİL N., ÖZDEMİR R.
KUWAIT JOURNAL OF SCIENCE, vol.43, no.3, pp.86-90, 2016 (SCI-Expanded)

LXXXVIII. **Assessment of myocardial changes in athletes with native T1 mapping and cardiac functional evaluation using 3 T MRI**
GÖRMELİ C. A., Gormeli G., YAGMUR J., OZDEMIR Z., KAHRAMAN A. S., ÇOLAK C., ÖZDEMİR R.
INTERNATIONAL JOURNAL OF CARDIOVASCULAR IMAGING, vol.32, no.6, pp.975-981, 2016 (SCI-Expanded)

LXXXIX. **The effect of varicocoelectomy on the relationship of oxidative stress in peripheral and internal spermatic vein with semen parameters**
ALTINTAS R., EDIZ C., CELIK H., CAMTOSUN A., TAŞDEMİR C., TANBEK K., TEKİN S., ÇOLAK C., ALAN C.
ANDROLOGY, vol.4, no.3, pp.442-446, 2016 (SCI-Expanded)

XC. **The Acute Effect of Humic Acid on Iron Accumulation in Rats**
Cagin Y. F., Sahin N., Polat A., Erdogan M. A., Atayan Y., Eyol E., Bilgic Y., Seckin Y., Colak C.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.171, no.1, pp.145-155, 2016 (SCI-Expanded)

XCI. **Estimation of risk factors associated with colorectal cancer: an application of knowledge discovery in databases**
Firat F., ARSLAN A. K., ÇOLAK C., HARPUTLUOĞLU H.
KUWAIT JOURNAL OF SCIENCE, vol.43, no.2, pp.151-161, 2016 (SCI-Expanded)

XCII. **PREVALENCE OF DEMODEX ECTOPARASITES AMONG HUMANS IN ORDU PROVINCE IN TURKEY**
Karaman U., Koloren Z., Enginyurt O., ÇOLAK C.
SOUTHEAST ASIAN JOURNAL OF TROPICAL MEDICINE AND PUBLIC HEALTH, vol.47, no.2, pp.207-213, 2016 (SCI-Expanded)

XCIII. **Could platelet indices be prognostic biomarkers for mild or severe acute pancreatitis?**
Bilgic Y., Akbulut S., Kutlu O., Colak C., Yilmaz C., Seckin Y., Cagin Y. F., Harputluoglu M., Erkut M. A., Yildirim O.
INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE, vol.9, no.7, pp.13918-13925, 2016 (SCI-Expanded)

XCIV. **Long-term analysis of patients admitted to the emergency room as a result of occupational accidents**
GÜRBÜZ Ş., AYDOĞAN M. S., ÇOLAK C., TURTAY M. G., OĞUZTÜRK H., GUR A., Ekmekyapar M., ERCAN A.
BIOMEDICAL RESEARCH-INDIA, vol.27, no.3, pp.749-751, 2016 (SCI-Expanded)

XCV. **Comparison of myocardial bridging prevalence using 64 slice versus 256 slice computed tomography scanners What has changed with recent innovations in CT**
GÖRMELİ C. A., YAĞMUR J., ÖZDEMİR R., ÖZDEMİR Z., KAHRAMAN A., ÇOLAK C.
BIOMEDICAL RESEARCH, vol.27, no.3, pp.954-958, 2016 (SCI-Expanded)

XCVI. **Could platelet indices be prognostic biomarkers for mild or severe acute pancreatitis?**
BİLGİÇ Y., AKBULUT A. S., KUTLU O., ÇOLAK C., YILMAZ C., SEÇKİN Y., ÇAĞIN Y. F., HARPUTLUOĞLU M. M. M., ERKURT M. A.
INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE, vol.9, no.7, pp.13918-13925, 2016 (SCI-Expanded)

XCVII. **Comparison of myocardial bridging prevalence using 64-slice versus 256-slice computed tomography scanners: What has changed with recent innovations in CT?**
GÖRMELİ C. A., YAGMUR J., ÖZDEMİR R., OZDEMIR Z. M., KAHRAMAN A. S., ÇOLAK C.
BIOMEDICAL RESEARCH-INDIA, vol.27, no.3, pp.954-958, 2016 (SCI-Expanded)

XCVIII. **Clinical analysis of the cancer patients who admitted to the emergency room**

GÜRBÜZ Ş., TURTAY M. G., OĞUZTÜRK H., GUVEN T., GUR A., ÇOLAK C., DURAK M. A.

BIOMEDICAL RESEARCH-INDIA, vol.27, no.3, pp.641-644, 2016 (SCI-Expanded)

XCIX. **Predictive models forecast relationships of apelin-13 concentrations with UCP1 in WAT and BAT, and UCP3 in muscle**

TEKİN S., ERDEN Y., SANDAL S., Etem E., ÇOLAK C.

ACTA PHYSIOLOGICA, vol.215, pp.84, 2015 (SCI-Expanded)

C. **The alterations in serum ghrelin and leptin levels after intracerebroventricularly irisin infusion in rats**

TEKİN S., ERDEN Y., SANDAL S., OZYALIN F., ÇOLAK C.

ACTA PHYSIOLOGICA, vol.215, pp.94, 2015 (SCI-Expanded)

CI. **Prediction of apelin-13 concentration based on the levels of thyroid hormones in rats**

ERDEN Y., TEKİN S., SANDAL S., ÇİĞREMİŞ Y., ÇOLAK C., OZYALIN F.

ACTA PHYSIOLOGICA, vol.215, pp.8, 2015 (SCI-Expanded)

CII. **The Effects of Apelin-13 on Puberty in Female Rats**

ERDEN Y., TEKİN S., OZYALIN F., Ozen H., ÇOLAK C., SANDAL S.

ACTA PHYSIOLOGICA, vol.215, pp.107, 2015 (SCI-Expanded)

CIII. **Investigating the Relationships between Irisin Concentration and Serum TSH, T3 and T4 Levels by Prediction Models in the Rats**

TEKİN S., ERDEN Y., ÇOLAK C., OZYALIN F., SANDAL S.

ACTA PHYSIOLOGICA, vol.215, pp.53, 2015 (SCI-Expanded)

CIV. **Effect of the Addition of Ketamine to Sevoflurane Anesthesia on Seizure Duration in Electroconvulsive Therapy**

ERDIL F., ÖZGÜL Ü., ÇOLAK C., CUMURCU B., DURMUŞ M.

JOURNAL OF ECT, vol.31, no.3, pp.182-185, 2015 (SCI-Expanded)

CV. **Prediction of the Relationships between Irisin Concentration and Serum Leptin and Ghrelin Levels by Quadratic Polynomial Regression Models in the Rats**

TEKİN S., ERDEN Y., OZYALIN F., ÇOLAK C., SANDAL S.

ACTA PHYSIOLOGICA, vol.215, pp.55, 2015 (SCI-Expanded)

CVI. **Radial Basis Function Artificial Neural Networks Can Predict UCP2 mRNA Levels According to Irisin Dose and Time of Application in the Cerebellum of Rats**

ERDEN Y., TEKİN S., ÇOLAK C., SANDAL S., Tektemur A., Onalan E. E., Kirbag S.

ACTA PHYSIOLOGICA, vol.215, pp.107, 2015 (SCI-Expanded)

CVII. **Investigation of the Effects of Irisin Hormone on the Hypothalamic Control of Feeding**

TEKİN S., ERDEN Y., SANDAL S., ÇİĞREMİŞ Y., TEKEDERELİ İ., ÇOLAK C.

ACTA PHYSIOLOGICA, vol.215, pp.27, 2015 (SCI-Expanded)

CVIII. **The effects of intracerebroventricular infusion of apelin-13 on reproductive function in male rats**

Sandal S., Tekin S., Seker F. B., Beytur A., Vardı N., Çolak C., Tapan T., Yıldız S., Yilmaz B.

NEUROSCIENCE LETTERS, vol.602, pp.133-138, 2015 (SCI-Expanded)

CIX. **Protective and Therapeutic Effect of Apocynin on Bleomycin-Induced Lung Fibrosis in Rats**

Kilic T., PARLAKPINAR H., TAŞLIDERE E., YILDIZ S., POLAT A., VARDI N., ÇOLAK C., ERMİŞ H.

INFLAMMATION, vol.38, no.3, pp.1166-1180, 2015 (SCI-Expanded)

CX. **Application of knowledge discovery process on the prediction of stroke**

ÇOLAK C., KARAMAN E., TURTAY M. G.

COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, vol.119, no.3, pp.181-185, 2015 (SCI-Expanded)

CXI. **The analgesic effect of apelin-13 and its mechanism of action within the nitric oxide and serotonin pathways**

TURTAY M. G., KARABAS M., PARLAKPINAR H., ÇOLAK C., Sagir M.

HIPPOKRATIA, vol.19, no.4, pp.319-323, 2015 (SCI-Expanded)

CXII. **Can Apelin-13 be a new actor in control of obesity?**

Tekin S., Erden Y., Etem E., Sandal S., Çolak C.

ACTA PHYSIOLOGICA, vol.211, pp.137-138, 2014 (SCI-Expanded)

CXIII. Estimation of the relationships between irisin concentration and food intake, body weight and body temperature using polynomial regression models in the rats
TEKİN S., ÇOLAK C., ERDEN Y., SANDAL S.
ACTA PHYSIOLOGICA, vol.211, pp.138, 2014 (SCI-Expanded)

CXIV. Effects of chronic central administration of irisin on food intake, body weight and body temperature in the rats
TEKİN S., ERDEN Y., ÇOLAK C., SANDAL S.
ACTA PHYSIOLOGICA, vol.211, pp.138, 2014 (SCI-Expanded)

CXV. The importance of instrument type in paediatric percutaneous nephrolithotomy
Altintas R., OĞUZ F., TAŞDEMİR C., BEYTUR A., CIMEN S., GÜNEŞ A., ÇOLAK C.
UROLITHIASIS, vol.42, no.2, pp.149-153, 2014 (SCI-Expanded)

CXVI. THE EFFECT OF CHRONIC CARBON MONOXIDE EXPOSURE ON BRAIN IN BARBECUE WORKERS
TURTAY M. G., YUMRUTEPE S., KAHRAMAN A. S., BENTLİ R., OĞUZTÜRK H., FIRAT C., ÇOLAK C.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.23, pp.3518-3523, 2014 (SCI-Expanded)

CXVII. Comparison of Propofol and Ketamine-Propofol Mixture (Ketofol) on Laryngeal Tube-Suction II Conditions and Hemodynamics: A Randomized, Prospective, Double-Blind Trial.
OZGUL U., BEGEC Z., KARAHAN K., Ali E., Said A., Colak C., DURMUŞ M., Ozcan E.
Current therapeutic research, clinical and experimental, vol.75, pp.39-43, 2013 (SCI-Expanded)

CXVIII. Effects of dexmedetomidine and midazolam on motor coordination and analgesia: A comparative analysis
AYDOĞAN M. S., PARLAKPINAR H., ALI ERDOGAN M., YÜCEL A., UÇAR M., SAGIR M., ÇOLAK C.
Current Therapeutic Research - Clinical and Experimental, vol.75, pp.22-26, 2013 (SCI-Expanded)

CXIX. Assessment of urinary incontinence in the women in Eastern Turkey
Altintas R., BEYTUR A., OĞUZ F., TAŞDEMİR C., KATI B., CIMEN S., ÇOLAK C., GÜNEŞ A.
INTERNATIONAL UROGYNECOLOGY JOURNAL, vol.24, no.11, pp.1977-1982, 2013 (SCI-Expanded)

CXX. Radiographic evaluation of third-molar development in relation to the chronological age of Turkish children in the southwest eastern Anatolia region
KARATAŞ Ö., OZTURK F., DEDEOĞLU N., ÇOLAK C., ALTUN O.
FORENSIC SCIENCE INTERNATIONAL, vol.232, 2013 (SCI-Expanded)

CXXI. The effects of secondhand smoke on postoperative pain and fentanyl consumption
AYDOĞAN M. S., Ozturk E., ERDOĞAN M. A., YÜCEL A., DURMUŞ M., ERSOY M. Ö., ÇOLAK C.
JOURNAL OF ANESTHESIA, vol.27, no.4, pp.569-574, 2013 (SCI-Expanded)

CXXII. Effect of alkalinisation of lignocaine for propofol injection pain: a prospective, randomised, double-blind study
ÖZGÜL Ü., BEGEÇ Z., ERDOĞAN M. A., AYDOĞAN M. S., ŞANLI M., ÇOLAK C., DURMUŞ M.
ANAESTHESIA AND INTENSIVE CARE, vol.41, no.4, pp.501-504, 2013 (SCI-Expanded)

CXXIII. Pain, fentanyl consumption, and delirium in adolescents after scoliosis surgery: dexmedetomidine vs midazolam
AYDOĞAN M. S., KORKMAZ M. F., ÖZGÜL Ü., ERDOĞAN M. A., YÜCEL A., KARAMAN A., Togal T., DURMUŞ M., ÇOLAK C.
PEDIATRIC ANESTHESIA, vol.23, no.5, pp.446-452, 2013 (SCI-Expanded)

CXXIV. Subclinical diastolic dysfunction in children with Wilson's disease assessed by tissue Doppler echocardiography: a possible early predictor of cardiac involvement
ELKIRAN Ö., KARAKURT C., SELIMOGLU A., KARABIBER H., Kocak G., CELIK S. F., ÇOLAK C.
ACTA CARDIOLOGICA, vol.68, no.2, pp.181-187, 2013 (SCI-Expanded)

CXXV. Comparison of ganglion cell and retinal nerve fiber layer thickness in primary open-angle glaucoma and normal tension glaucoma with spectral-domain OCT
FIRAT P. G., DOGANAY S., DEMIREL E. E., ÇOLAK C.
GRAEFES ARCHIVE FOR CLINICAL AND EXPERIMENTAL OPHTHALMOLOGY, vol.251, no.3, pp.831-838, 2013 (SCI-Expanded)

CXXVI. Sevoflurane alone and propofol with or without remifentanil for electroconvulsive therapy-a

randomised, crossover study
BEGEÇ Z., KAYHAN G. E., TOPRAK H. İ., ŞAHİN T. T., KONUR H., ÇOLAK C., DURMUŞ M., ERSOY M. Ö.
ANAESTHESIA AND INTENSIVE CARE, vol.41, no.2, pp.202-206, 2013 (SCI-Expanded)

CXXVII. Comparison of effects of propofol and ketamine-propofol mixture (ketofol) on laryngeal mask airway insertion conditions and hemodynamics in elderly patients: a randomized, prospective, double-blind trial
ERDOĞAN M. A., BEGEÇ Z., AYDOĞAN M. S., ÖZGÜL Ü., YÜCEL A., ÇOLAK C., DURMUŞ M.
JOURNAL OF ANESTHESIA, vol.27, no.1, pp.12-17, 2013 (SCI-Expanded)

CXXVIII. Therapeutic efficiency of Atosiban, an oxytocin receptor blocking agent in the treatment of experimental endometriosis
SIMSEK Y., CELIK O., KARAER A., GÜL M., YILMAZ E., Koc O., ÇOLAK C., ZENGIN S., AYDIN N. E.
ARCHIVES OF GYNECOLOGY AND OBSTETRICS, vol.286, no.3, pp.777-783, 2012 (SCI-Expanded)

CXXIX. A rare cause of ankle pain: concomitant intravenous lobular capillary haemangioma and arteriovenous fistula
TURTAY M. G., ŞAMDANCI E., OĞUZTÜRK H., ÇOLAK C., DOĞAN M.
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.16, no.8, pp.1120-1122, 2012 (SCI-Expanded)

CXXX. Effects of electromagnetic radiation from 3G mobile phone on heart rate, blood pressure and ECG parameters in rats
COLAK C., PARLAKPINAR H., ERMİŞ N., TAĞLUK M. E., ÇOLAK C., SARIHAN E., DILEK O. F., TURAN B., BAKIR S., ACET A.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.28, no.7, pp.629-638, 2012 (SCI-Expanded)

CXXXI. Increased frequency of restless legs syndrome in atopic dermatitis
Cicek D., Halisdemir N., Dertioglu S. B., Berilgen M. S., Ozel S., Colak C.
CLINICAL AND EXPERIMENTAL DERMATOLOGY, vol.37, no.5, pp.469-476, 2012 (SCI-Expanded)

CXXXII. The Rates of Seropositivity and Seroconversion of Toxoplasma Infection in Pregnant Women
DOGAN K., KAFKASLI A., Karaman U., ATAMBAY M., KARAOĞLU L., ÇOLAK C.
MIKROBIYOLOJI BULTENI, vol.46, no.2, pp.290-294, 2012 (SCI-Expanded)

CXXXIII. A descriptive analysis of 188 liver transplant patient visits to an Emergency Department
TURTAY M. G., OĞUZTÜRK H., AYDIN C., ÇOLAK C., IŞIK B., YILMAZ S.
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.16, pp.3-7, 2012 (SCI-Expanded)

CXXXIV. The level of adenosine deaminase in the serum of patients who have positive Entamoeba coli
Kiran T. R., KARAMAN U., ÇOLAK C., ÖZER A.
HEALTHMED, vol.6, no.6, pp.2108-2111, 2012 (SCI-Expanded)

CXXXV. Investigation of Demodex SPP. On the perinea in women visiting urology and gynecology policlinics
BEYTUR L., KARAMAN U., Beytur A., ALTINDAG M., Gecit I., ÖZER A., ÇOLAK C.
HEALTHMED, vol.6, no.4, pp.1279-1284, 2012 (SCI-Expanded)

CXXXVI. Investigation of Demodex Spp. prevalence among managers and workers of health hazard bearing and sanitary establishment
ÖZER A., Karaman U., DEĞERLİ S., ÇOLAK C., KARADAN M., KARCI E.
JOURNAL OF THE FORMOSAN MEDICAL ASSOCIATION, vol.111, no.1, pp.30-33, 2012 (SCI-Expanded)

CXXXVII. Short and long-term results of the Karydakis flap versus the Limberg flap for treating pilonidal sinus disease: a prospective randomized study
Ates M., Dirican A., SARAC M., ASLAN A., ÇOLAK C.
AMERICAN JOURNAL OF SURGERY, vol.202, no.5, pp.568-573, 2011 (SCI-Expanded)

CXXXVIII. Effects of 2 Different Doses of Pregabalin on Morphine Consumption and Pain After Abdominal Hysterectomy: A Randomized, Double-Blind Clinical Trial
YÜCEL A., Ozturk E., AYDOGAN M. S., DURMUŞ M., ÇOLAK C., ERSOY M. Ö.
CURRENT THERAPEUTIC RESEARCH-CLINICAL AND EXPERIMENTAL, vol.72, no.4, pp.173-183, 2011 (SCI-Expanded)

CXXXIX. GENERALIZATION OF KOROVKIN TYPE APPROXIMATION BY APPROPRIATE RANDOM VARIABLES &

MOMENTS AND AN APPLICATION IN MEDICINE
Gurcan M., ÇOLAK C.
PAKISTAN JOURNAL OF STATISTICS, vol.27, no.3, pp.283-297, 2011 (SCI-Expanded)

CXL. **Prevalence of Microsporidium and Other Intestinal Parasites in Children from Malatya, Turkey**
Calik S., Karaman U., ÇOLAK C.
INDIAN JOURNAL OF MICROBIOLOGY, vol.51, no.3, pp.345-349, 2011 (SCI-Expanded)

CXLI. **Detecting the Shape Differences of the Corpus Callosum in Behcet's Disease by Statistical Shape Analysis**
ÇOLAK C., Ercan I., DOGAN M., Ozdemir S. T., ŞENER S., ALKAN A.
ANATOMICAL RECORD-ADVANCES IN INTEGRATIVE ANATOMY AND EVOLUTIONARY BIOLOGY, vol.294, no.5, pp.870-874, 2011 (SCI-Expanded)

CXLII. **Effect of renal colic analgesia on oxidative stress parameters**
TURTAY M. G., OĞUZTÜRK H., ÇOLAK C., POLAT A., TAŞDEMİR C.
SCIENTIFIC RESEARCH AND ESSAYS, vol.5, no.20, pp.3160-3163, 2010 (SCI-Expanded)

CXLIII. **BERNSTEIN POLYNOMIAL APPROACH AGAINST TO SOME FREQUENTLY USED GROWTH CURVE MODELS ON ANIMAL DATA**
Gurcan M., Colak C., ORMAN M. N.
PAKISTAN JOURNAL OF STATISTICS, vol.26, no.3, pp.509-516, 2010 (SCI-Expanded)

CXLIV. **The incidence of Demodex species in skin biopsy specimens diagnosed as actinic keratosis and nonmelanoma skin cancer**
KARAMAN U., Sener S., ŞAMDANCI E., Colak C., Sasmaz S.
ASIAN BIOMEDICINE, vol.4, no.2, pp.343-348, 2010 (SCI-Expanded)

CXLV. **ON THE MOMENTS OF ORDER STATISTICS FROM DISCRETE DISTRIBUTIONS**
Calik S., Gungor M., Colak C.
PAKISTAN JOURNAL OF STATISTICS, vol.26, no.2, pp.417-426, 2010 (SCI-Expanded)

CXLVI. **Effects of montelukast on burn wound healing in a rat model**
TURTAY M. G., FIRAT C., ŞAMDANCI E., Oguzturk H., ERBATUR S., ÇOLAK C.
CLINICAL AND INVESTIGATIVE MEDICINE, vol.33, no.6, 2010 (SCI-Expanded)

CXLVII. **MALONDIALDEHYDE, GLUTATHIONE AND NITRIC OXIDE LEVELS IN PATIENTS WITH ENTEROBIUS VERMICULARIS INFECTION**
Kiran T. R., KARAMAN U., Colak C., KARABULUT A. B., DALDAL N.
MIKROBIYOLOJI BULTENI, vol.44, no.1, pp.165-167, 2010 (SCI-Expanded)

CXLVIII. **Updated Weight and Height-for Age Centiles in a Group of Predominantly Breastfed Turkish Children Aged 0-2 Years**
Colak C., Camurdan A. D., Ergocen S., Elhan A. H., Sahin F.
TURKIYE KLINIKLERI TIP BILIMLERI DERGISI, vol.29, no.6, pp.1376-1385, 2009 (SCI-Expanded)

CXLIX. **A comparison of different treatment managements in patients with acute deep vein thrombosis by the effects on enhancing venous outflow in the lower limb**
Rahman A., Colak M. C., Ustunel L., Koc M., Kocakoc E., Colak C.
MEDICAL SCIENCE MONITOR, vol.15, no.11, 2009 (SCI-Expanded)

CL. **Adenosine deaminase level in the serum of the patients Toxoplasma gondii seropositive and Giardia intestinalis**
KARAMAN U., BEYTUR L., Kiran T. R., Colak C.
AFRICAN JOURNAL OF MICROBIOLOGY RESEARCH, vol.3, no.10, pp.654-657, 2009 (SCI-Expanded)

CLI. **Two different doses of caudal neostigmine co-administered with levobupivacaine produces analgesia in children**
Karaaslan K., Gulcu N., Ozturk H., Sarpkaya A., Colak C., Kocoglu H.
PEDIATRIC ANESTHESIA, vol.19, no.5, pp.487-493, 2009 (SCI-Expanded)

CLII. **Evaluation of antibodies against hydatid cyst fluid antigens in the post-treatment follow-up of cystic echinococcosis patients**
CELIK T., Akarsu G. A., Gungor C., Colak C., Ormeci N.

MEDICAL SCIENCE MONITOR, vol.15, no.4, 2009 (SCI-Expanded)

CLIII. Positivity of Demodex spp. in biopsy specimens of nevi
Sener S., KARAMAN U., Colak C., AYDIN N. E., Sasmaz S., IRAZ M.
TROPICAL BIOMEDICINE, vol.26, no.1, pp.51-56, 2009 (SCI-Expanded)

CLIV. The Epidemiology of Microsporidias in Humans (Malatya sample)
KARAMAN U., DALDAL N., ATAMBAY M., Colak C.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.39, no.2, pp.281-288, 2009 (SCI-Expanded)

CLV. Investigation of attention deficit and hyperactivity disorder in adult patients with atopic dermatitis
Cicek D., Kandi B., Dertlioglu S. B., GUNAY S., Halisdemir N., Turgay A., Colak C.
INTERNATIONAL JOURNAL OF PSYCHIATRY IN CLINICAL PRACTICE, vol.13, no.4, pp.292-297, 2009 (SCI-Expanded)

CLVI. Comparison of the severity of traumatic brain injuries in pedestrians and occupants of motor vehicles admitted to firat health center: A five-year series in an Eastern Turkish city
Tokdemir M., Kafadar H., Turkoglu A., Deveci S. E., Colak C.
MEDICAL SCIENCE MONITOR, vol.15, no.1, 2009 (SCI-Expanded)

CLVII. Malondialdehyde, Glutathione, and Nitric Oxide Levels in Toxoplasma gondii Seropositive Patients
KARAMAN U., CELIK T., Kiran T. R., Colak C., DALDAL N. U.
KOREAN JOURNAL OF PARASITOLOGY, vol.46, no.4, pp.293-295, 2008 (SCI-Expanded)

CLVIII. Predicting coronary artery disease using different artificial neural network models
Colak M. C., Colak C., Kocaturk H., SAĞIROĞLU Ş., Barutcu I.
ANADOLU KARDIYOLOJI DERGISI-THE ANATOLIAN JOURNAL OF CARDIOLOGY, vol.8, no.4, pp.249-254, 2008 (SCI-Expanded)

CLIX. The effects of levobupivacaine versus levobupivacaine plus magnesium infiltration on postoperative analgesia and laryngospasm in pediatric tonsillectomy patients
Karaaslan K., Yitmaz F., Gulcu N., Sarpkaya A., Colak C., Kocoglu H.
INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY, vol.72, no.5, pp.675-681, 2008 (SCI-Expanded)

CLX. Glutathione and malondialdehyde levels in patients with hydatid cyst
ATAMBAY M., KARAMAN U., KIRAN T. P., Colak C., KARABULUT A. B., CELIK T., DALDAL N.
SAUDI MEDICAL JOURNAL, vol.29, no.1, pp.87-89, 2008 (SCI-Expanded)

CLXI. Relationship of antioxidant enzymes and urinary 6-sulfatoxymelatonin with atherosclerotic involvement of the radial artery
ÇOLAK M. C., Colak C., KOCATURK H., CIHAN H. B., PARLAKPINAR H.
CARDIOVASCULAR DRUGS AND THERAPY, vol.21, 2007 (SCI-Expanded)

CLXII. Investigating the protective effect of melatonin on liver injury related to myocardial ischemia-reperfusion
Colak C., Parlakpinar H., OZER M. K., SAHNA E., Cigremis Y., ACET A.
MEDICAL SCIENCE MONITOR, vol.13, no.11, 2007 (SCI-Expanded)

CLXIII. Laparoscopic repair of peptic ulcer perforation without omental patch versus conventional open repair
Ates M., SEVIL S., BAKIRCIOGLU E., Colak C.
JOURNAL OF LAPAROENDOSCOPIC & ADVANCED SURGICAL TECHNIQUES, vol.17, no.5, pp.615-619, 2007 (SCI-Expanded)

CLXIV. Protective effects of melatonin on renal failure in pinealectomized rats
Parlakpinar H., ACET A., Gul M., ALTINOZ E., ESREFOGLU M., Colak C.
INTERNATIONAL JOURNAL OF UROLOGY, vol.14, no.8, pp.743-748, 2007 (SCI-Expanded)

CLXV. The comparison of logistic regression model selection methods for the prediction of coronary artery disease - Author's response
Colak C.
ANADOLU KARDIYOLOJI DERGISI-THE ANATOLIAN JOURNAL OF CARDIOLOGY, vol.7, no.2, pp.207, 2007 (SCI-Expanded)

CLXVI.   **Comparison of dexmedetomidine and midazolam for monitored anesthesia care combined with tramadol via patient-controlled analgesia in endoscopic nasal surgery: A prospective, randomized, double-blind, clinical study**
KARAASLAN K., YILMAZ F., GULCU N., Colak C., SEREFLICAN M., KOCOGLU H.
CURRENT THERAPEUTIC RESEARCH-CLINICAL AND EXPERIMENTAL, vol.68, no.2, pp.69-81, 2007 (SCI-Expanded)

CLXVII.   **The comparison of logistic regression model selection methods for the prediction of coronary artery disease**
Colak C., ÇOLAK M. C., Orman M. N.
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.7, no.1, pp.6-11, 2007 (SCI-Expanded)

CLXVIII.   **Beneficial role of aminoguanidine on acute cardiomyopathy related to doxorubicin-treatment**
Cigremis Y., Parlakpinar H., Polat A., Colak C., Ozturk F., Sahna E., Ermis N., Acet A.
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.285, pp.149-154, 2006 (SCI-Expanded)

CLXIX.   **Selective endothelin a (ETA) receptor antagonist (BQ-123) reduces both myocardial infarct size and oxidant injury**
OZDEMIR R., PARLAKPINAR H., POLAT A., Colak C., ERMIS N., ACET A.
TOXICOLOGY, vol.219, pp.142-149, 2006 (SCI-Expanded)

CLXX.   **Protective role of aminoguanidine on gentamicin-induced acute renal failure in rats**
Polat A., Parlakpinar H., Tasdemir S., Colak C., Vardi N., Ucar M., EMRE M. H., ACET A.
ACTA HISTOCHEMICA, vol.108, no.5, pp.365-371, 2006 (SCI-Expanded)

CLXXI.   **Identifying risk factors in a mostly overweight patient population with coronary artery disease**
Yologlu S., Sezgin A., Ozdemir R., Sezgin N., Colak C., Topal E., Barutcu I.
ANGIOLOGY, vol.54, no.2, pp.181-186, 2003 (SCI-Expanded)

Articles Published in Other Journals

I.   **Explainable boosting machine approach to identifying risk factors for Parkinson's disease**
ARSLAN A. K., COLAK C.
Annals of Medical Research, vol.31, no.9, pp.735-740, 2024 (Peer-Reviewed Journal)

II.   **Explainable Machine Learning Models for Predicting Recurrence in Differentiated Thyroid Cancer**
ARSLAN A. K., ÇOLAK C.
Medical records-international medical journal (Online), vol.6, no.3, pp.468-473, 2024 (Peer-Reviewed Journal)

III.   **Evaluation of Single/Multiple Joint Effects of Lipid Profiles on Hypertension, Diabetes Mellitus and Obesity Accompanying Coronary Artery Disease**
Çolak C., Arslan A. K., Erdil N., Tekin S., Akça B., Şahin İ., Çolak M. C., Parlakpınar H.
ODÜ Tıp Dergisi, vol.11, no.1, pp.33-48, 2024 (Peer-Reviewed Journal)

IV.   **Examination of Pediatric Trauma Patients Admitted to the Emergency Department**
YİĞİT E., TURTAY M. G., ÇOLAK C.
Eurasian Journal of Emergency Medicine, vol.23, no.1, pp.40-48, 2024 (ESCI)

V.   **Artificial intelligence-based prediction of molecular and genetic markers for hepatitis C-related hepatocellular carcinoma.**
Colak C., Kucukakcali Z., Akbulut S.
Annals of Medicine and Surgery, vol.85, no.10, pp.4674-4682, 2023 (ESCI)

VI.   **Evaluation of Nurses' Vaccine Hesitancy, Psychological Resilience, and Anxiety Levels During COVID-19 Pandemic**
Akbulut A. S., Boz G., Gökçe A., Unsal S., Sarıtaş H., Kizilay E., ÖZER A., Akbulut M. S., Çolak C.
Eurasian Journal of Medicine, vol.55, no.2, pp.140-145, 2023 (ESCI)

VII.   **Evaluation of Performance Metrics in Heart Disease by Machine Learning Techniques**
PINAR A., ÇOLAK C., GÜLTÜRK E.
The Journal of Cognitive Systems, vol.8, no.1, pp.11-15, 2023 (Peer-Reviewed Journal)

VIII.   **The Relationship between Helicobacter Pylori and Intestinal Parasites in Patients with Peptic Ulcer**

kaya y., Karaman Ü., ÇOLAK C., Cinar H., Karataş A., arserim n. b., Kaçmaz G., Top Ş.
Medical records-international medical journal (Online), vol.5, no.1, pp.132-139, 2023 (Peer-Reviewed Journal)

IX. **Selective Gene Up- and Down-Regulation as Potential Predictors of the Behavior of HBV-Associated Hepatocellular Carcinoma?**
KÜÇÜKAKÇALI Z., AKBULUT A. S., ÇOLAK C.
J Inonu Liver Transpl Inst, vol.1, no.2, pp.45-51, 2023 (Peer-Reviewed Journal)

X. **Machine Learning-Based Prediction of the Genetic Background of Colorectal Liver Metastasis Using Mirna Expression Data**
KÜÇÜKAKÇALI Z., AKBULUT A. S., BALIKÇI ÇİÇEK İ., ÇOLAK C.
Clinical Case Reports International, vol.23, no.7, pp.1553, 2023 (Peer-Reviewed Journal)

XI. **Risk Prediction of Liver Cancer based on the Proposed Artificial Intelligence Approach**
KÜÇÜKAKÇALI Z., BALIKÇI ÇİÇEK İ., YAĞIN F. H., AKBULUT A. S., ÇOLAK C.
J Inonu Liver Transpl Inst, vol.1, no.1, pp.5-9, 2023 (Peer-Reviewed Journal)

XII. **Assessment of Patient Safety Attitude Levels Among Healthcare Professionals Working in the Operating Room**
Tamer M., Akbulut A. S., Balıkçı Çiçek İ., Sarıtaş H., Akbulut M. S., Özer A., Çolak C.
ERCIYES MEDICAL JOURNAL, vol.45, no.1, pp.46-54, 2023 (ESCI)

XIII. **Development of Artificial Intelligence Based Clinical Decision Support System on Medical Images for the Classification of COVID-19**
ÇOLAK C., ASLAN A. K., UCUZAL H., KÖSE A., YILDIRIM İ. O., GÜLDOĞAN E., ÇOLAK M. C.
Medical Records - International Medical Journal, vol.5, no.1, pp.20-23, 2023 (Peer-Reviewed Journal)

XIV. **Effect of Underlying Chronic Liver Disease on Lysosomal Acid Lipase Activity: Case-Control Study**
KÜÇÜKAKÇALI Z., AKBULUT A. S., ŞAHİN T. T., ÇOLAK C.
J Inonu Liver Transpl Inst, vol.1, no.2, pp.35-40, 2023 (Peer-Reviewed Journal)

XV. **Prediction of COVID-19 Based on Genomic Biomarkers of Metagenomic Next-Generation Sequencing Data Using Artificial Intelligence Technology**
Akbulut A. S., Yağın F. H., Çolak C.
ERCIYES MEDICAL JOURNAL, vol.44, pp.544-548, 2022 (ESCI)

XVI. **Classification of colorectal cancer based on gene sequencing data with XGBoost model: An application of public health informatics**
Akbulut S., AKBULUT S., KÜÇÜKAKÇALI Z., ÇOLAK C.
CUKUROVA MEDICAL JOURNAL, vol.47, no.3, pp.1179-1186, 2022 (ESCI)

XVII. **MACHINE LEARNING-BASED CLASSIFICATION OF HBV AND HCV-RELATED HEPATOCELLULAR CARCINOMA USING GENOMIC BIOMARKERS br**
AKBULUT A. S., kucukakcal Z., ÇOLAK C.
JOURNAL OF ISTANBUL FACULTY OF MEDICINE-ISTANBUL TIP FAKULTESI DERGISI, 2022 (ESCI)

XVIII. **Machine Learning-based Prediction of HBV-related Hepatocellular Carcinoma and Detection of Key Candidate Biomarkers**
KÜÇÜKAKÇALI Z., Akbulut S., ÇOLAK C.
Medeniyet medical journal, vol.37, pp.255-263, 2022 (Peer-Reviewed Journal)

XIX. **Classification of Colorectal Cancer based on Gene Sequencing data with XGBoost Model: An application of Public Health Informatics**
AKBULUT A. S., KÜÇÜKAKÇALI Z., ÇOLAK C.
CUKUROVA MEDICAL JOURNAL, vol.47, no.3, pp.1179-1186, 2022 (ESCI)

XX. **Prediction of Breast Cancer Distant Metastasis by Artificial Intelligence Methods from an Epidemiological Perspective**
AKBULUT A. S., YAĞIN F. H., ÇOLAK C.
ISTANBUL MEDICAL JOURNAL, vol.23, no.3, pp.210-215, 2022 (ESCI)

XXI. **Evaluation of Vaccine Hesitancy, Anti-Vaccination, and Anxiety Levels for Medical Secretaries During COVID-19 Pandemic**
Akbulut S., AKBULUT S., GOKCE A., BOZ G., KUCUKAKCALI Z., SARİTAS H., UNSAL S., OZER A., AKBULUT M. S., COLAK

C.

Dicle Tıp Dergisi, vol.49, no.3, pp.455-467, 2022 (Peer-Reviewed Journal)

XXII. **Classification of Breast Cancer on the Strength of Potential Risk Factors with Boosting Models: A Public Health Informatics Application**

AKBULUT A. S., BALIKÇI ÇİÇEK İ., ÇOLAK C.

HASEKI TIP BULTENI-MEDICAL BULLETIN OF HASEKI, vol.60, no.3, pp.196-203, 2022 (ESCI)

XXIII. **Artificial Intelligence Based Video Processing Methods for Predicting COVID-19: Observational Study**

YAĞIN B., GÜLDOĞAN E., ÇOLAK C.

Türkiye Klinikleri Biyoistatistik Dergisi, vol.14, no.1, pp.22-31, 2022 (Peer-Reviewed Journal)

XXIV. **Assessment of COVID-19-Related Genes Through Associative Classification Techniques**

BALIKÇI ÇİÇEK İ., Kaya M. O., ÇOLAK C.

KONURALP TIP DERGISI, vol.14, no.1, pp.1-8, 2022 (ESCI)

XXV. **Development of a Python-Based Classification Web Interface for Independent Datasets**

BALIKÇI ÇİÇEK İ., SEL İ., YAĞIN F. H., ÇOLAK C.

Balkan Journal of Electrical and Computer Engineering, vol.10, no.96, pp.91-96, 2022 (Peer-Reviewed Journal)

XXVI. **An investigation of ensemble learning methods in classification problems and an application on non-small-cell lung cancer data**

KIVRAK M., ÇOLAK C.

Medicine Science, vol.11, no.2, pp.924-933, 2022 (Peer-Reviewed Journal)

XXVII. **Does the high sulfur content in apricots affect oxidative stress? Running title: Effect of sulfur amount on oxidative stress**

OTLU Ö., KIRAN T. R., GÜL M., ÖNAL Y., ÇOLAK C., BAY KARABULUT A.

Medicine Science, vol.11, no.3, 2022 (Peer-Reviewed Journal)

XXVIII. **Estimation of risk factors related to heart diseases with multilayer perceptron model**

Günata M., Arslan A. K., Çolak C., Parlakpınar H.

Medical records-international medical journal (Online), vol.4, pp.171-178, 2022 (Peer-Reviewed Journal)

XXIX. **The Relationship between Anthropometric Measurements and Modified Mallampati Test in Patients with Chronic Obstructive Pulmonary Disease**

Cuglan S., KÖSE E., Kylyc T., ÖGETÜRK M., Senol D., Ozbao D., ÇOLAK C., SAPMAZ H. I.

NIGERIAN JOURNAL OF BASIC AND CLINICAL SCIENCES, vol.19, no.1, pp.39-43, 2022 (ESCI)

XXX. **TwoClsBalancer: An Interactive Web Application for Handling the Class Imbalance Problem Based on Machine Learning**

ARSLAN A. K., ÇOLAK C., ÇOLAK M. C.

Türkiye Klinikleri Biyoistatistik Dergisi, vol.14, no.3, pp.168-179, 2022 (Peer-Reviewed Journal)

XXXI. **Comparison of Performance of Deep Survival and Cox Proportional Hazard Models: an Application on the Lung Cancer Dataset**

AKBAŞ K. E., BALIKÇI ÇİÇEK İ., KAYA M. O., ÇOLAK C.

Medicine Science, vol.11, no.3, pp.1202-1206, 2022 (Peer-Reviewed Journal)

XXXII. **Comparison of Performances of Associative Classification Methods for Cervical Cancer Prediction: Observational Study**

YAĞIN F. H., Yağın B., ARSLAN A. K., ÇOLAK C.

Türkiye Klinikleri Biyoistatistik Dergisi, vol.13, no.3, pp.266-272, 2021 (Peer-Reviewed Journal)

XXXIII. **Classification of healthy controls and Covid-19 cases established on transcriptomic analysis using proposed ensemble model**

Küçükakçalı Z., Yaşar Ş., Çolak C.

Medicine Science , vol.10, no.4, pp.1524-1533, 2021 (Peer-Reviewed Journal)

XXXIV. **A Computer-Assisted Diagnosis Tool for Classifying COVID-19 based on Chest X-Ray Images**

Yağın F. H., Güldoğan E., Ucuzal H., Çolak C.

KONURALP TIP DERGISI, vol.13, no.1, pp.438-441, 2021 (ESCI)

XXXV. **Detection of Different Tissue Types of Colorectal Cancer Based on Histological Images Using Deep Learning Approach**

GÜLDOĞAN E., KÜÇÜKAKÇALI Z., UCUZAL H., ÇOLAK C.

Turkiye Klinikleri Journal of Biostatistics, vol.13, no.2, pp.147-159, 2021 (Peer-Reviewed Journal)

XXXVI. **A WEB-BASED SOFTWARE FOR REPORTING GUIDELINES OF SCIENTIFIC RESEARCHES**

Yağın B., Yağın F. H., Gözükara Bağ H. G., Çolak C.

The Journal of Cognitive Systems, vol.6, no.1, pp.39-43, 2021 (Peer-Reviewed Journal)

XXXVII. **Transfer Learning-Based Classification of Breast Cancer using Ultrasound Images**

GÜLDOĞAN E., UCUZAL H., KUCUKAKCALI Z., ÇOLAK C.

Middle Black Sea Journal of Health Science, vol.7, no.1, pp.74-80, 2021 (Peer-Reviewed Journal)

XXXVIII. **Effects of Home-Based Aerobic Exercise Training on Glycemic Control and Lipid Profiles in Patients with Prediabetes and Type 2 Diabetes: A Randomized Controlled Study**

ÖZDEMİR F., KILÇIK M. H., EVREN B., ŞAHİN İ., ÇOLAK C.

Archives of health science and research (Online), vol.8, no.1, pp.10-16, 2021 (Peer-Reviewed Journal)

XXXIX. **Interactive web-based software for evaluating diagnostic tests and roc curve analyses in health sciences**

YAŞAR Ş., YAĞIN F. H., ARSLAN A. K., ÇOLAK C., YOLOĞLU S.

Annals of Medical Research, vol.28, 2021 (Peer-Reviewed Journal)

XL. **Automated Classification of Brain Tumors by Deep Learning-Based Models on Magnetic Resonance Images Using a Developed Web-Based Interface**

Tetik B., Ucuzal H., YAŞAR Ş., ÇOLAK C.

KONURALP TIP DERGISI, vol.13, no.2, pp.192-200, 2021 (ESCI)

XLI. **An Evaluation of Awareness of Mothers About Having Their Children to Acquire Healthy Nutrition Habits**

VAROL F. İ., KAYHAN TETİK B., ÇOLAK C.

KSÜ Tıp Fakültesi Dergisi, vol.16, no.2, pp.257-262, 2021 (Peer-Reviewed Journal)

XLII. **ESTIMATION OF FACTORS RELATED TO PREMENSTRUAL SYNDROME IN FEMALE STUDENTS BY USING ARTIFICIAL NEURAL NETWORK MODEL**

AKSOY DERYA Y., ÇOLAK C., KAYHAN TETİK B., YILMAZ A. N., ÖZŞAHİN Z.

The Journal of Cognitive Systems, vol.5, no.2, pp.88-93, 2020 (Peer-Reviewed Journal)

XLIII. **Estimation of Factors Related to Premenstrual Syndrome in Female Students by Using Artificial Neural Networks Model**

AKSOY DERYA Y., KAYHAN TETİK B., ÇOLAK C., uçar yılmaz a., ÖZŞAHİN Z.

The Journal of Cognitive Systems, vol.5, no.2, pp.88-93, 2020 (Peer-Reviewed Journal)

XLIV. **Prediction of breast cancer subtypes based on proteomic data with deep learning**

YAŞAR Ş., ÇOLAK C., YOLOĞLU S.

Annals of Medical Research, vol.27, no.10, pp.2803, 2020 (Peer-Reviewed Journal)

XLV. **Evaluation of association rules based on certainty factor: An application on diabetes data set**

kıvrak m., AKÇEŞME F. B., ÇOLAK C.

The Journal of Cognitive Systems, vol.5, no.1, pp.19-22, 2020 (Peer-Reviewed Journal)

XLVI. **A WEB-BASED SOFTWARE FOR THE CALCULATION OF THEORETICAL PROBABILITY DISTRIBUTIONS**

YAĞIN F. H., GÜLDOĞAN E., ÇOLAK C.

The Journal of Cognitive Systems, vol.6, no.1, pp.45-50, 2020 (Peer-Reviewed Journal)

XLVII. **AN INTERACTIVE WEB-BASED SOFTWARE FOR EPIDEMIOLOGICAL RESEARCH DESIGNS**

YAĞIN F. H., YAĞIN B., ÇOLAK C.

Middle Black Sea Journal of Health Science, vol.7, no.1, pp.122-131, 2020 (Peer-Reviewed Journal)

XLVIII. **Performance Evaluation of the Different Artificial Neural Network Models in the Classification of Type 2 Diabetes Mellitus**

GÜLDOĞAN E., KÜÇÜKAKÇALI Z., ayça a., ÇOLAK C.

The journal of cognitive systems, 2020 (Peer-Reviewed Journal)

XLIX. **SAMPLE SIZE EFFECT ON CLASSIFICATION PERFORMANCE OF MACHINE LEARNING MODELS: AN APPLICATION OF CORONARY ARTERY DISEASE**

KIVRAK M., AKÇEŞME F. B., ÇOLAK C.

THE JOURNAL OF COGNITIVE SYSTEMS, vol.5, no.1, pp.15-18, 2020 (Peer-Reviewed Journal)

L.   **Performance Evaluation of Different Artificial Neural Network Models in the Classification of Type 2 Diabetes Mellitus**
GÜLDOĞAN E., TUNÇ Z., ACET A., ÇOLAK C.
The Journal of Cognitive Systems, vol.5, no.1, pp.23-32, 2020 (Peer-Reviewed Journal)

LI.   **A web-based software developed for permutation tests and an application in medicine**
KÜÇÜKAKÇALI Z., YAŞAR Ş., GÜLDOĞAN E., ÇOLAK C.
Middle Black Sea Journal of Health Science, pp.206-210, 2020 (Peer-Reviewed Journal)

LII. **ASSOCIATIVE CLASSIFICATION APPROACH CAN PREDICT PROSTATE CANCER BASED ON THE EXTRACTED ASSOCIATION RULES**
BALIKÇI ÇİÇEK İ., KÜÇÜKAKÇALI Z., ÇOLAK C.
The journal of cognitive systems, 2020 (Peer-Reviewed Journal)

LIII. **Normal Dağılıma Uygunluğu Değerlendirmek İçin Açık Kaynak Web Tabanlı Yazılım: Normal Dağılımı İnceleme Yazılımı**
ARSLAN A. K., KÜÇÜKAKÇALI Z., ÇOLAK C.
Fırat Tıp Dergisi, 2020 (Peer-Reviewed Journal)

LIV. **Classification of Breast Cancer and Determination of Related Factors with Deep Learning Approach**
GÜLDOĞAN E., KÜÇÜKAKÇALI Z., ÇOLAK C.
the journal of cognitive systems, 2020 (Peer-Reviewed Journal)

LV.   **ASSESSMENT OF ASSOCIATIVE CLASSIFICATION APPROACH FOR PREDICTING MORTALITY BY HEART FAILURE**
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The Journal of Cognitive Systems, 2020 (Peer-Reviewed Journal)

LVI. **A Web-Based Software Developed for Bayesian Tests and an Application in Medicine**
BALIKÇI ÇİÇEK İ., YAŞAR Ş., KÜÇÜKAKÇALI Z., ÇOLAK C.
middle black sea journal of health science, 2020 (Peer-Reviewed Journal)

LVII. **İşgücüne Katılma Durumunu Etkileyen Faktörlerin Kategorik Regresyon İle Çözümlenmesi**
SAKLIYAN S., KIVRAK M., GÜLDOĞAN E., ARSLAN A. K., ÇOLAK C.
Akademik Yaklaşımlar Dergisi, vol.11, no.1, pp.35-45, 2020 (Peer-Reviewed Journal)

LVIII. **A NOVEL INTERPRETABLE WEB-BASED TOOL ON THE ASSOCIATIVE CLASSIFICATION METHODS: AN APPLICATION ON BREAST CANCER DATASET**
ARSLAN A. K., KÜÇÜKAKÇALI Z., BALIKÇI ÇİÇEK İ., ÇOLAK C.
The journal of cognitive systems, 2020 (Peer-Reviewed Journal)

LIX. **A Developed Interactive Web Application for Statistical Analysis: Statistical Analysis Software**
YAŞAR Ş., ARSLAN A. K., ÇOLAK C., YOLOĞLU S.
Middle Black Sea Journal of Health Science, pp.226-238, 2020 (Peer-Reviewed Journal)

LX.   **Determination of Trichomonas vaginalis Positivity and Risk Factors in Patients with Urogenital Complaints**
ERBİL N., KARAMAN Ü., BENLİ E., KESKİN D. D., ÇIRAKOĞLU A., GÜRGÖR P. N., ÇOLAK C.
Middle Black Sea Journal of Health Science, vol.5, no.3, pp.258-266, 2019 (Peer-Reviewed Journal)

LXI. **Open Source Web Based Software on Random Assignment Methods and Usage: Random Assignment Software**
ARSLAN A. K., BALIKÇI ÇİÇEK İ., ÇOLAK C.
Türkiye Klinikleri Biyoistatistik Dergisi, vol.11, no.3, pp.267-274, 2019 (Peer-Reviewed Journal)

LXII. **Effects of ketofol and propofol on intubation conditions and hemodynamics without the use of neuromuscular blockers in patients undergoing tympanomastoidectomy**
DEMİRÖZ D., UÇAR M., ERDOĞAN M. A., ŞANLI M., GÜLHAŞ N., ÇOLAK C., DURMUŞ M.
Medicine Science International Medical Journal, vol.8, no.2, pp.381-384, 2019 (Peer-Reviewed Journal)

LXIII. **Performance Comparison of Some Imputation Methods Used in Missing Value(s) Analysis: A Simulation Study**
ARSLAN A. K., TUNÇ Z., GÜLDOĞAN E., ÇOLAK C.

Turkiye Klinikleri Journal of Biostatistics, vol.11, no.1, pp.15-23, 2019 (Peer-Reviewed Journal)

LXIV. **Veri Dönüşümü İçin Açık Kaynak Erişimli Web Tabanlı Yazılım: Veri Dönüşüm Yazılımı**
ARSLAN A. K., TUNÇ Z., ÇOLAK C.
FIRAT ÜNİVERSİTESİ SAĞLIK BİLİMLERİ TIP DERGİSİ, 2018 (Peer-Reviewed Journal)

LXV. **Hidrosefali Hastalığının Sınıflandırılması ve İlişkiliFaktörlerin Makine Öğrenmesi Yöntemleri ile Belirlenmesi**
TUNÇ Z., ÇOLAK C., ÖZDEMİR R.
İnönü Üniversitesi Sağlık Bilimleri Dergisi, 2018 (Peer-Reviewed Journal)

LXVI. **R Shiny Paketi ile Kruskal Wallis H Testi için İnteraktif BirWeb Uygulaması**
ARSLAN A. K., YAŞAR Ş., ÇOLAK C., YOLOĞLU S.
İnönü Üniversitesi Sağlık Bilimleri Dergisi, vol.2, no.7, pp.49-55, 2018 (Peer-Reviewed Journal)

LXVII. **The Significance of p53 and Estrogen Expression in EndometrialHyperplasias and Endometrioid Carcinomas: How should we evaluate immunohistochemistry?**
ŞAHİN N., AKATLI A. N., AKPOLAT N., YILMAZ E., COŞKUN E. İ., KARABULUT DOĞAN Ü., ÇOLAK C.
CLINICAL ONCOLOGY AND RESEARCH, 2018 (Peer-Reviewed Journal)

LXVIII. **The Significance of p53 and Estrogen Expression in Endometrial Hyperplasias and Endometrioid Carcinomas: How should we evaluate immunohistochemistry?**
ŞAHİN N., AKATLI A. N., AKPOLAT N., YILMAZ E., İNCİ COŞKUN E., KARABULUT DOĞAN Ü., ÇOLAK C.
Clinical Oncology and Research, vol.1, no.1, pp.2-4, 2018 (Peer-Reviewed Journal)

LXIX. **Isolated coronary artery bypass surgery in patients with mild to moderate ischemic mitral regurgitation: Early results**
AKÇA B., ÇOLAK M. C., DİŞLİ O. M., ERMİŞ N., ÇOLAK C., BATTALOĞLU B., ERDİL N.
Medicine Science, vol.7, no.1, pp.114-117, 2018 (Peer-Reviewed Journal)

LXX. **isolated coronary artey bypass surgery in patients with mild to moderate ischemic mitral regurgitation: Early results**
AKÇA B., ÇOLAK M. C., DİŞLİ O. M., ERMİŞ N., ÇOLAK C., BATTALOĞLU B., ERDİL N.
medicine science, vol.7, no.1, pp.117-7, 2018 (Peer-Reviewed Journal)

LXXI. **The Prevalence of Pediculus humanus capitis among Primary School Pupils in Ordu Province**
KARAMAN Ü., ENGİNYURT Ö., KARAMAN Ö., ÇOLAK C., KAÇMAZ G.
TURK HIJIYEN VE DENEYSEL BIYOLOJI DERGISI. TURKISH BULLETIN OF HYGIENE AND EXPERIMENTAL BIOLOGY, vol.75, no.4, pp.383-390, 2018 (Scopus)

LXXII. **WSSPAS: An Interactive Web Application for Sample Size and Power Analysis with R Using Shiny**
ARSLAN A. K., YAŞAR Ş., ÇOLAK C., YOLOĞLU S.
Türkiye Klinikleri Biyoistatistik Dergisi, vol.3, no.10, pp.224-246, 2018 (Peer-Reviewed Journal)

LXXIII. **Estimation of total prostate specific antigen values through artificial intelligence modelling**
YAŞAR Ş., BEYTUR A., ÇOLAK C.
Medicine Science International Medical Journal, pp.1, 2018 (Peer-Reviewed Journal)

LXXIV. **Investigation of the Effect of Apocynin on Experimental Traumatic Cataract Model**
Polat N., Özer M. A., Parlakpınar H., Vardı N., Gündüz A., Çolak C.
Turkiye Klinikleri Journal of Ophthalmology, vol.26, no.4, pp.253-257, 2017 (Peer-Reviewed Journal)

LXXV. **Toplam Kolesterol, Ldl, Hdl ve Trigliserit Seviyelerinin Yaşa Göre Değişiminin Farklı Regresyon Modelleriyle İncelenmesi**
DİRİCAN E., ÇOLAK C., AKKUŞ Z.
Dicle Tıp Dergisi, vol.44, no.1, pp.81, 2017 (Peer-Reviewed Journal)

LXXVI. **The effect of sevoflurane anesthesia on the corneal endothel**
POLAT N., ÖZKAN A. S., GÜNDÜZ A., ULUCAN P. B., ÇOLAK C.
Journal of Turgut Ozal Medical Center, vol.24, no.3, pp.261-264, 2017 (Peer-Reviewed Journal)

LXXVII. **Protective effect of Nigella sativa oil against thioacetamide-induced liver injury in rats**
TANBEK K., ÖZEROL E., BİLGİÇ S., IRAZ M., ŞAHİN N., ÇOLAK C.
Medicine Science International Medical Journal, pp.1, 2017 (Peer-Reviewed Journal)

LXXVIII. **Radiation dose comparison between prospectively ECG triggered and retrospectively ECG gated**

techniques of coronary computed tomography angiography on 256 slice dual source CT scanner 256
kesitli cift tuplu bilgisayarli tomografi cihazinda prospektif EKG tetiklemeli ve retrospektif EKG
kapilamali teknikle cekilen koroner BT anjiografi incelemelerinde radyasyon dozu karsilastirmasi
GÖRMELİ C. A., KAHRAMAN A., ÖZDEMİR Z., YAĞMUR J., ÖZDEMİR R., AÇIKGÖZ N., ÇOLAK C.
İnönü Üniversitesi Tıp Fakültesi Dergisi, pp.1, 2016 (Peer-Reviewed Journal)

LXXIX. The Effect of Callisthenic Exercises on Pain Threshold Pain Severity and Muscle Strength on
Sedentary Women Diagnosed with Upper Extremity and Low Back Pain
AKYOL B., ARSLAN C., ÇOLAK C.
Turgut Özal Tıp Merkezi Dergisi, vol.23, no.1, pp.29-35, 2016 (Peer-Reviewed Journal)

LXXX. The Effect of Callisthenic Exercises on Pain Threshold Pain Severity and Muscle Strength on
Sedentary Women Diagnosed with Upper Extremity and Low Back Pain Ust Ekstremite ve Bel Agri
Tanisi Konulan Sedanter Kadinlarda Kalistenik Egzersizlerin Agri Esigi Agri Siddeti ve Kas Kuvveti
Uzerine Etkileri
AKYOL B., ARSLAN C., ÇOLAK C.
İnönü Üniversitesi Tıp Fakültesi Dergisi, vol.29, no.1, pp.29-35, 2016 (Peer-Reviewed Journal)

LXXXI. Protective effects of melatonin and and 914 D Glucan against acetaminophen toxicity in rats
AYDOĞAN M. S., POLAT A., VARDI N., ERDOĞAN M. A., YÜCEL A., YILDIZ A., ÖZGÜL Ü., ÇOLAK C.
Medicine Science, pp.1, 2016 (Peer-Reviewed Journal)

LXXXII. The effects of lack of melatonin in experimental rat model of Alzheimer s Disease relationship with
FEZ1 gene expression
Demir M., Yılmaz Ü., Çolak C., Çiğremiş Y., Özyalın F., Tekedereli İ., Kılınçlı A., Sandal S.
Medicine Science, vol.6, no.2, pp.217-223, 2016 (Peer-Reviewed Journal)

LXXXIII. Are neutrophil-lymphocyte and platelet-lymphocyte ratios valuable in predicting prostate cancer?
Camtosun A., Celik H., Cakmak B., Tasdemir C., Altintas R., Colak C.
ARCHIVES OF CLINICAL AND EXPERIMENTAL SURGERY, vol.5, pp.194-199, 2016 (Peer-Reviewed Journal)

LXXXIV. Investigating Optimal Number of Cross Validation on the Prediction of Postoperative Atrial
Fibrillation by Voting Ensemble Strategy
ÇOLAK C., ÇOLAK M. C., ERMİŞ N., ERDİL N., ÖZDEMİR R.
Turkiye Klinikleri Journal of Biostatistics, vol.8, no.1, pp.30-35, 2016 (Peer-Reviewed Journal)

LXXXV. Retrospective Evaluation of Dental Treatment under General Anaesthesia
ÖZKAN A. S., ERDOĞAN M. A., ŞANLI M., Kacmaz O., DURMUŞ M., ÇOLAK C.
TURKISH JOURNAL OF ANAESTHESIOLOGY AND REANIMATION, vol.43, no.5, pp.332-336, 2015 (ESCI)

LXXXVI. Myocardial Infarction Classification with Support Vector Machine Models
GÜLDOĞAN E., YAĞMUR J., YOLOĞLU S., ASYALI M. H., ÇOLAK C.
Annals of Medical Research, vol.22, no.2, pp.221-224, 2015 (Peer-Reviewed Journal)

LXXXVII. İskemik İnmede Risk Faktörleri ve Etkileri
KARAMAN E., TURTAY M. G., ÇOLAK C., OĞUZTÜRK H., GÜRBÜZ Ş., KAMIŞLI S., çelik e.
Journal of Turgut Ozal Medical Center , vol.22, no.4, pp.225-230, 2015 (Peer-Reviewed Journal)

LXXXVIII. The risk factors and their effects in ıschemic stroke
KARAMAN E., TURTAY M. G., ÇOLAK C., OĞUZTÜRK H., GÜRBÜZ Ş., KAMIŞLI S., çelik e.
İnönü Üniversitesi Tıp Fakültesi Dergisi, vol.23, no.4, 2015 (Peer-Reviewed Journal)

LXXXIX. Application of Medical Data Mining on the Prediction of APACHE II Score
ÇOLAK C., AYDOĞAN M. S., ARSLAN A. K., YÜCEL A.
Medicine Science | International Medical Journal, vol.4, no.4, pp.2743-2750, 2015 (Peer-Reviewed Journal)

XC. Comparison of Total Phenolic Content and Total Antioxidant Activity in Local Red Wines Determined
by Spectrophotometric Methods
BÜYÜKTUNCEL S. E., Porgalı E., ÇOLAK C.
Food and Nutrition Sciences, vol.5, pp.1660-1667, 2014 (Peer-Reviewed Journal)

XCI. Adaptation of Problematic Mobile Phone Use Scale to Turkish: A Validity and Reliability Study
TEKİN Ç., GÜNEŞ G., ÇOLAK C.
Medicine Science International Medical Journal, vol.3, no.3, pp.1361-1381, 2014 (Peer-Reviewed Journal)

XCII. **Effects of Ketamine-Propofol Mixture on Intraocular Pressure and Haemodynamics in Elderly Patients: A Randomised Double-Blind Trial.**
AYDOĞAN M. S., DEMIREL S., ERDOĞAN M., FıRAT P. G., Çolak C., DURMUŞ M.
Turkish journal of anaesthesiology and reanimation, vol.42, pp.12-8, 2014 (ESCI)

XCIII. **Effects of Ketamine Propofol Mixture on Intraocular Pressure andHaemodynamics in Elderly Patients A Randomised Double Blind Trial**
AYDOĞAN M. S., DEMİREL S., ERDOĞAN M. A., FIRAT P., ÇOLAK C., DURMUŞ M.
Turk J Anaesth Reanim, 2014 (Peer-Reviewed Journal)

XCIV. **Effects of Apelin 13 on Human Prostate Cancer Lines (İnsan Prostat Kanseri Hücre Serilerinde Apelin-13'xxün Etkileri)**
TEKİN S., SANDAL S., ÇOLAK C.
Medicine Science, vol.3, no.3, pp.1427-1441, 2014 (Peer-Reviewed Journal)

XCV. **Akut Zehirlenme Nedeniyle Mekanik Ventilasyon Uygulanan Hastaların Karakteristik Özellikleri ve Sonuçları**
ERDOĞAN M. A., AYDOĞAN M. S., ÖZGÜL Ü., UÇAR M., ÇOLAK C., GEDİK E., TOĞAL T., DURMUŞ M.
Türk Yoğun Bakım Derneği Dergisi, vol.11, no.2, pp.54-59, 2013 (Peer-Reviewed Journal)

XCVI. **Dental age assessment: The applicability of Demirjian method in southwestern of eastern Anatolia region Turkish children**
KARATAŞ O. H., ÖZTÜRK F., DEDEOĞLU N., ÇOLAK C., ALTUN O.
Cumhuriyet Dental Journal, vol.15, no.2, pp.130-137, 2012 (Scopus)

XCVII. **The Effect of Selective Endothelin Receptor a Antagonism by Bq 123 on Myocardial Ischemia Reperfusion Induced Apoptotic Cell Death**
ÇOLAK M. C., PARLAKPINAR H., ERMİŞ N., Polat a., ÇOLAK C., Mızrak B., ÖZDEMİR R., ACET H. A.
Medicine Science, vol.1, pp.254-270, 2012 (Peer-Reviewed Journal)

XCVIII. **Hayvan deneyleri in vivo denemelerin bildirimi ARRIVE Kılavuzu Derleme**
ÇOLAK C., PARLAKPINAR H.
İnönü Üniversitesi Tıp Fakültesi Dergisi, vol.19, no.2, pp.128-131, 2012 (Peer-Reviewed Journal)

XCIX. **In Vivo Denemelerin Bildirimi: ARRIVE Kılavuzu-Derleme**
Çolak C., PARLAKPINAR H.
İnönü Üniversitesi Tıp Fakültesi Dergisi, vol.19, pp.128-131, 2012 (Peer-Reviewed Journal)

C. **The Effect of Selective Endothelin Receptor A Antagonism by BQ 123 On Myocardial Ischemia Reperfusion Induced Apoptotic Cell**
ÇOLAK M. C., PARLAKPINAR H., ERMİŞ N., ÇOLAK C., MIZRAK B., ÖZDEMİR R., ACET H. A.
Medicine Science, 2012 (Peer-Reviewed Journal)

CI. **Genetik Epidemiyolojide Kullanılan Bazı Araştırma Tasarımları Derleme**
PAMUKÇU E., ÖZER A., ÇOLAK C.
Türkiye Klinikleri Biyoistatistik Dergisi, vol.4, no.1, pp.36-48, 2012 (Peer-Reviewed Journal)

CII. **Parasitosis in Appendectomy Cases.**
KARAMAN Ü., Türkmen E., Iraz M., KARATAŞ T., ÇOLAK C.
Eur J Gen Med, 2010 (Peer-Reviewed Journal)

CIII. **Kanser tanısı almış hastalarda Microsporidium görülme sıklığı**
KARAMAN Ü., ATAMBAY M., daldal N., ÇOLAK C.
TÜRKIYE PARAZITOLOJII DERGISI / TÜRKIYE PARAZITOLOJI DERNEGI = ACTA PARASITOLOGICA TURCICA / TURKISH SOCIETY FOR PARASITOLOGY, vol.32, pp.109-112, 2008 (Scopus)

CIV. **The prevalence of Microsporidium among adult patients admitted to the parasitology laboratory at the Inonu University Turgut Ozal Medical Center**
ATAMBAY M., KARAMAN Ü., Daldal N., ÇOLAK C.
Turkiye parazitolojii dergisi/, vol.32, no.2, pp.113-115, 2008 (Peer-Reviewed Journal)

CV. **Malatya da son yedi yıl içindeki sıtma olguları**
KARAMAN Ü., ATAMBAY M., Yaşar S., ÇOLAK C., MİMAN Ö., Daldal n.
Türkiye Parazitol Derg, vol.31, no.4, pp.245-248, 2007 (Peer-Reviewed Journal)

CVI. **The prevalence of Microsporidium among patients given a diagnosis of cancer**
KARAMAN Ü., ATAMBAY M., Daldal N., ÇOLAK C.
Turkiye parazitolojii dergisi, vol.32, no.2, pp.109-112, 2007 (Peer-Reviewed Journal)

CVII. **Radial Arterde Ateroskleroz'un tahmini ve etki eden risk faktörleri**
Çolak C., Çolak M., Cihan H., PARLAKPINAR H., Kocaoğulları C.
ULUDAĞ ÜNİVERSİTESİ TIP FAKÜLTESİ DERGİSİ, vol.31, pp.147-151, 2005 (Peer-Reviewed Journal)

CVIII. **Ateroskleroz un tahmini için bir yapay sinir ağı**
ÇOLAK C., ÇOLAK M. C., ATICI M.
Ankara Üniversitesi Tıp Fakültesi Mecmuası, vol.58, pp.159-162, 2005 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Biyoistatistik**
ÇOLAK C.
in: Epidemiyoloji, Biyoistatistik, Koruyucu Hekimlik ve Halk Sağlığı, Akbulut, S., & Özer, A., Editor, Elsevier, pp.1-100, 2023

Refereed Congress / Symposium Publications in Proceedings

I. **An optimized deep learning approach for predicting multiple sclerosis conditions from an artificial intelligence perspective**
Ucuzal H., ÇOLAK C., TURTAY M. G.
WACEM 2023 WORLD ACADEMIC CONGRESS OF EMERGENCY MEDICINE, Turkey, 28 October 2023, pp.432-437

II. **Evaluation of risk factors for diabetes mellitus using random forest method**
PINAR A., ARSLAN A. K., ÇOLAK C., KÜÇÜKAKÇALI Z., TURTAY M. G.
WACEM 2023 WORLD ACADEMIC CONGRESS OF EMERGENCY MEDICINE, Turkey, 28 October 2023, pp.666-672

III. **Prediction of polycystic ovary syndrome by the constructed associative classification algorithm**
BALIKÇI ÇİÇEK İ., KÜÇÜKAKÇALI Z., ÇOLAK C., TURTAY M. G.
WACEM 2023 WORLD ACADEMIC CONGRESS OF EMERGENCY MEDICINE, Turkey, 28 - 31 October 2023

IV. **Diabetes detection by adaptive boosting prediction model from a machine learning perspective**
YAĞIN F. H., Yağın B., ÇOLAK C., TURTAY M. G.
World Emergency Medicine Congress - WACEM 2023, Turkey, 28 - 31 October 2023, pp.759-764

V. **Examination of Patients Over 65 Years Admitted to Emergency Department of University Hospital**
ŞAHİNGİL H. K., TURTAY M. G., ÇOLAK C., SEZER M.
WACEM 2023 WORLD ACADEMIC CONGRESS OF EMERGENCY MEDICINE, Turkey, 28 - 31 October 2023, pp.411-413

VI. **Prediction of stroke risk and determination of clinical biomarkers with machine learning methods**
Yağın B., YAĞIN F. H., ÇOLAK C., TURTAY M. G.
WACEM 2023 WORLD ACADEMIC CONGRESS OF EMERGENCY MEDICINE, Turkey, 28 - 31 October 2023, pp.519-527

VII. **Predicting liver disease based on demographic/clinical characteristics and examining risk factors with a machine-learning approach**
YAĞIN F. H., YAŞAR Ş., ÇOLAK C., TURTAY M. G.
WACEM 2023 WORLD ACADEMIC CONGRESS OF EMERGENCY MEDICINE, Turkey, 28 - 31 October 2023

VIII. **Comparison of classification performances of different artificial intelligence models on the analysis of heart failure disease**
GÜLTÜRK E., ÇOLAK C., TURTAY M. G.
World Emergency Medicine Congress - WACEM 2023, Turkey, 28 - 31 October 2023, pp.717-723

IX. **Identifying Biomarkers in Predicting Breast Cancer with the XGBoost Approach**

YAĞIN F. H., YAŞAR Ş., ÇOLAK C., TURTAY M. G.
WACEM 2023 WORLD ACADEMIC CONGRESS OF EMERGENCY MEDICINE, Turkey, 28 - 31 October 2023, pp.232-239

X. **Analysis of the myocardial infarction dataset using the regularized class association rules**
YAŞAR Ş., YAĞIN F. H., ÇOLAK C., TURTAY M. G.
WACEM 2023 (World Academic Congress of Emergency Medicine), Turkey, 28 - 31 October 2023, pp.37

XI. **Identification of risk factors associated with lung cancer using stochastic gradient boosting model**
KÜÇÜKAKÇALI Z., BALIKÇI ÇİÇEK İ., AKBULUT A. S., ÇOLAK C., TURTAY M. G.
WACEM 2023 WORLD ACADEMIC CONGRESS OF EMERGENCY MEDICINE, Turkey, 28 - 31 October 2023, pp.631-636

XII. **Development of an extreme gradient boosting machine in the prediction of multiple sclerosis**
YAŞAR Ş., YAĞIN F. H., ÇOLAK C., TURTAY M. G.
WACEM 2023 WORLD ACADEMIC CONGRESS OF EMERGENCY MEDICINE, Turkey, 28 - 31 October 2023, pp.118-124

XIII. **A predictive model can classify diabetes mellitus and determine the associated risk factors**
BALIKÇI ÇİÇEK İ., KÜÇÜKAKÇALI Z., ÇOLAK C., TURTAY M. G.
WACEM 2023 WORLD ACADEMIC CONGRESS OF EMERGENCY MEDICINE, Turkey, 28 - 31 October 2023, pp.304-310

XIV. **Determination of associated risk factors in the prediction of coronary heart disease with a machine-learning model**
KÜÇÜKAKÇALI Z., BALIKÇI ÇİÇEK İ., AKBULUT A. S., ÇOLAK C., TURTAY M. G.
WACEM 2023 WORLD ACADEMIC CONGRESS OF EMERGENCY MEDICINE, Turkey, 28 - 31 October 2023, pp.361-367

XV. **Machine Learning in Obesity Research: A Comprehensive Review**
YAĞIN F. H., EKEN Ö., ÇOLAK C.
Karadeniz 14th International Conference on Applied Sciences, Batumi, Georgia, 13 - 15 October 2023

XVI. **Diabetes and Machine Learning: Revolutionizing Management and Prediction**
YAĞIN F. H., EKEN Ö., ÇOLAK C.
Karadeniz 14th International Conference on Applied Sciences, Batumi, Georgia, 13 - 15 October 2023

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KÜÇÜKAKÇALI Z., BALIKÇI ÇİÇEK İ., ÇOLAK C., TURTAY M. G.
9th INTERCONTINENTAL EMERGENCY MEDICINE CONGRESS INTERNATIONAL CRITICAL CARE AND EMERGENCY MEDICINE CONGRESS, Antalya, Turkey, 27 - 30 October 2022, pp.310-311

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İNCEOĞLU F., ÇOLAK C., TURTAY M. G.
9th INTERNATIONAL CRITICAL CARE AND EMERGENCY MEDICINE CONGRESS INTERCONTINENTAL EMERGENCY MEDICINE CONGRESS, Antalya, Turkey, 27 - 30 October 2022, pp.314-315

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KÜÇÜKAKÇALI Z., BALIKÇI ÇİÇEK İ., ÇOLAK C., TURTAY M. G.
9th INTERNATIONAL CRITICAL CARE AND EMERGENCY MEDICINE CONGRESS INTERCONTINENTAL EMERGENCY MEDICINE CONGRESS, Antalya, Turkey, 27 - 30 October 2022, pp.312-313

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9th INTERCONTINENTAL EMERGENCY MEDICINE CONGRESS INTERNATIONAL CRITICAL CARE AND EMERGENCY MEDICINE CONGRESS, Antalya, Turkey, 27 October - 30 November 2022, pp.308

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9th INTERCONTINENTAL EMERGENCY MEDICINE CONGRESS INTERNATIONAL CRITICAL CARE AND EMERGENCY MEDICINE CONGRESS, Antalya, Turkey, 27 - 30 October 2022, pp.308-309

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XCVII. **Ordu İli İlköğretim Okulu Öğrencilerinde Pediculus capitis Yaygınlığının Belirlenmesi**
KARAMAN Ü., ENGİNYURT Ö., KARAMAN Ö., ÇOLAK C., KAÇMAZ G.
16. Uluslararası Doğu AKdeniz Aile Hekimliği Kongresi, 11 - 14 May 2017

XCVIII. **Green Synthesis Of Laurocerausus Officinalis Roemer (Cherry Laurel) Fruit Extracts Based Nanoflower With In Vitro Amoebicidal And Catalytic Activity**
BALDEMİR A., KARAMAN Ü., YUSUFBEYOĞLU S., EKEN A., ILDIZ N., ÇOLAK C., KAÇMAZ G., ÖÇSOY İ.
tabkon,2017, 9 - 12 May 2017

XCIX. **GREEN SYNTHESIS OF LAUROCERAUSUS OFFICINALIS ROEMER (CHERRY LAUREL) FRUIT EXTRACTS BASBD NANOFLOWER WITH IN VITRO AMOEBICIDAL AND CATALYTIC ACTIVITY**
BALDEMİR A., KARAMAN Ü., YUSUFBEYOGLU S., EKEN A., ILDIZ N., ÇOLAK C., ŞAHİN G., ÖÇSOY İ.

TABKON 2017, 9 - 12 May 2017

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BALDEMİR A., KARAMAN Ü., YUSUFBEYOGLU S., EKEN A., ILDIZ N., ÇOLAK C., ŞAHİN G., ÖÇSOY İ.
TOBCON, 9 - 12 May 2017

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KARAMAN Ü., BALDEMİR A., YEŞİLYURT E. B., ÇOLAK C., ILDIZ N., ŞAHİN G.
8th NATIONAL AND 1st INTERNATIONAL CONGRESS OF HYDATIDOLOGY, 13 - 15 April 2017

CII. **Türkiye'nin Farklı Lokalitelerinden Toplanan Helianthemum nummularium (L.) Mill Alt Türlerinin Skolosidal Ajan Olarak Etkinliğinin Karşılaştırılması**
KARAMAN Ü., BALDEMİR A., YEŞİLYURT E. B., ÇOLAK C., ILDIZ N., KACMAZ G.
8th NATIONAL AND 1st INTERNATIONALCONGRESS OF HYDATIDOLOGY, 13 - 15 April 2017

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BİLGİÇ Y., AKBULUT A. S., NURANSOY CENGİZ A., ÖZHAN O., ÇOLAK C., CENGİZ M., ÇAĞIN Y. F., SEÇKİN Y., YILDIRIM O., HARPUTLUOĞLU M. M. M., et al.
AASLD VIRAL HEPAITITIS, 3 - 04 March 2017

CIV. **The efficacy of plasmapheresis therapy in chronic hepatits B flares**
BİLGİÇ Y., AKBULUT A. S., NURANSOY CENGİZ A., ÖZHAN O., ÇOLAK C., Cengiz M., Çağın Y. F., SEÇKİN Y., YILDIRIM O., HARPUTLUOĞLU M. M. M., et al.
Viral Hepatitis, İstanbul, Turkey, 3 - 04 March 2017, pp.1

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ERDİL N., AKÇA B., ÇOLAK M. C., DİŞLİ O. M., BATTALOĞLU B., ÇOLAK C.
Türk Kalp ve Damar Cerrahisi Derneği 14. Kongresi, Turkey, 3 - 06 November 2016

CVI. **Koroner baypas operasyonu yapılan diabetik hastalarda preoperatif hipergliseminin erken dönem sonuçlara etkisi**
AKÇA B., ERDİL N., ÇOLAK M. C., DİŞLİ O. M., BATTALOĞLU B., ÇOLAK C.
Türk Kalp ve damar cerrahisi Derneği 14. Kongresi, Turkey, 3 - 06 November 2016

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YURDAKUL ERTÜRK E., KARAMAN Ü., ÇOLAK C., DİREKEL Ş.
INTERNATIONAL SYMPOSIUM ON PARASITIC ZOONOZES, 16 - 20 November 2016

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ŞENER S., KARAMAN Ü., KIRAN T. R., ÇOLAK C., ASLAN A., DİREKEL Ş.
INTERNATIONAL SYMPOSIUM ON PARASITIC ZOONOZES, 16 - 20 November 2016

CIX. **Timpanomastoidektomilerde Ketofol ile Propofolün Kas Gevşeticisiz Entübasyon Koşulları ve Hemodinamiye Etkisi.**
DEMİRÖZ ASLAN D., UÇAR M., ERDOĞAN M. A., ŞANLI M., GÜLHAŞ N., ÇOLAK C., DURMUŞ M.
Türk Anesteziyoloji ve Reanimasyon Derneği 50. Ulusal Kongresi "TARK 2016', Antalya, Turkey, 26 - 30 October 2016

CX. **Handling imbalanced class problem for the prediction of atrial fibrilation in obes patient**
ÇOLAK M. C., KARAASLAN E., ÇOLAK C., ARSLAN A. K., ERDİL N.
1. Ulusal biyoistatistik kongresi, 26 - 29 October 2016

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GÜLDOĞAN E., ARSLAN A. K., ÇOLAK M. C., ÇOLAK C., ERDİL N.
I. International Biostatistics Congress, Turkey, 26 - 29 October 2016

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ÇOLAK M. C., KARAASLAN E., ÇOLAK C., ARSLAN A. K., ERDİL N.

I. International Biostatistics Congress, 26 - 29 October 2016

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ARSLAN A. K., GÜLDOĞAN E., ÇOLAK C.
I. International Biostatistics Congress, Turkey, 26 - 29 October 2016

CXIV. **koroner bypass operasyonu yapılan diyabetik hastalarda preoperatif hüpergliseminin erken dönem sonuçlara etkisi**
AKÇA B., ERDİL N., ÇOLAK M. C., DİŞLİ O. M., BATTALOĞLU B., ÇOLAK C.
Uluslararası katılımlı 14. kalp damar cerrahisi kongresi, 3 - 06 October 2016

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ERDİL N., AKÇA B., ÇOLAK M. C., DİŞLİ O. M., BATTALOĞLU B., ÇOLAK C.
Uluslararası katılımlı 14. kalp damar cerrahisi kongresi, 3 - 06 October 2016

CXVI. **Does Irisin Affect Uncoupling Protein Levels in Fat and Muscle Tissues**
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ACTA PHYSIOLOGICA, Turkey, 01 October 2016

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ACTA PHYSIOLOGICA, Turkey, 01 October 2016

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DEMİR M., YILMAZ Ü., SANDAL S., ÇOLAK C., ÖZYALIN F.
42. Ulusal Fizyoloji Kongresi, 5 - 08 September 2016

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ESC Congress 2016, Roma, Italy, 28 - 31 August 2016, pp.1

CXX. **The effect of angiotensin II type 2 receptor agonist treatment on doxorubicin induced heart failure**
ERMİŞ N., ÖZHAN O., ULUTAŞ KURNAZ Z., VARDI N., ÇOLAK C., PARLAKPINAR H.
ESC Congress 2016, Roma, Italy, 28 - 31 August 2016, pp.1

CXXI. **The effect of angiotensin II type 2 receptor agonist treatment on doxorubicin induced heart failure**
ERMİŞ N., ÖZHAN O., Ulutas Z., VARDI N., ÇOLAK C., PARLAKPINAR H.
Congress of the European-Society-of-Cardiology (ESC), Rome, Italy, 27 - 31 August 2016, vol.37, pp.1318

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MELEKOĞLU R., Eraslan S., Çelik E., ŞİMŞEK Ö. Y., ÇOLAK C.
15th World Congress in Fetal Medicine, Palma De Mallorca, Spain, 26 - 30 June 2016

CXXIII. **GDM first trimester diagnosis**
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15th World Congress in Fetal Medicine, Palma De Mallorca, Spain, 26 - 30 June 2016, pp.1-2

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ÇOLAK M. C., ÇOLAK C., ERDİL N., ARSLAN A. K.
17th international symposium on econometrics, operation research and statistics, 2 - 06 June 2016

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FIRAT F., ARSLAN A. K., ÇOLAK C., HARPUTLUOĞLU H.
International Symposium on Econometrics, Operations Research and Statistics, 2 - 04 June 2016

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ÇOLAK M. C., ÇOLAK C., ERDİL N., ARSLAN A. K.
17. International Symposium on Econometrics, Operations Research and Statistics, 2 - 04 June 2016

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ARSLAN A. K., ÇOLAK C., SARIHAN M. E.

International Symposium on Econometrics, Operations Research and Statistics, 2 - 04 June 2016

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3. International Critical Care and Emergency Medicine Congress, 19 - 22 May 2016

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3.İntercontinental Emergency Medicine Congress, Antalya, Turkey, 19 - 22 May 2016, pp.180-181

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GÜRBÜZ Ş., TURTAY M. G., OĞUZTÜRK H., Güven T., Gür A., ÇOLAK C., DURAK M. A.
3. International Critical Care and Emergency Medicine Congress, 19 - 22 May 2016

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GÜRBÜZ Ş., AYDOĞAN M. S., ÇOLAK C., TURTAY M. G., OĞUZTÜRK H., GÜR A., EKMEKYAPAR M., ERCAN A.
3. International Critical Care and Emergency Medicine Congress, 19 - 22 May 2016

CXXXII. **Protective effects of vinpocetine on renal ischemia reperfusion injury in rats.**
Şahin L., Sarıhan M., PARLAKPINAR H., Polat A., Vardı N., Çolak C.
Third International Critical Care and Emergency Medicine Congress., Antalya, Turkey, 19 - 22 May 2016, pp.1

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3. International Critical Care and Emergency Medicine Congress, 19 - 22 May 2016

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TARK 2015, 2 - 06 December 2015

CXXXV. **Ultrason Rehberliğindeki Transvers Abdominal Plane Bloğunun Canlı Karaciğer Vericisinindeki Postoperatif Ağrıya Etkisi**
KITLIK A., ERDOĞAN M. A., ÖZGÜL Ü., AYDOĞAN M. S., UÇAR M., TOPRAK H. İ., ÇOLAK C., DURMUŞ M.
TÜRK ANESTEZİYOLOJİ VE REANİMASYON DERNEĞİ 49.ULUSAL KONGRESİ, Turkey, 2 - 06 December 2015

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PEHLİVAN E., üzen g., TAŞKAPAN H., GÜNEŞ G., ŞAHİN İ., ÇOLAK C.
World Endocrinology Congress, 1 - 04 December 2015

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ÇAĞIN Y. F., ŞAHİN N., POLAT A., ERDOĞAN M. A., ATAYAN Y., EYOL E., BİLGİÇ Y., SEÇKİN Y., ÇOLAK C.
32.ULUSAL GASTROENTEROLOJİ HAFTASI, Antalya, Turkey, 25 - 29 November 2015

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32.ULUSAL GASTROENTEROLOJİ HAFTASI, Antalya, Turkey, 25 - 29 November 2015

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TEKİN S., ERDEN Y., SANDAL S., ÇİĞREMİŞ Y., TEKEDERELİ İ., ÇOLAK C.
41st National Physiology congress, 9 - 13 September 2015, vol.215, pp.15-31

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TEKİN S., ERDEN Y., özyalın F., ÇOLAK C., SANDAL S.
ACTA PHYSIOLOGICA, 9 - 13 September 2015

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TEKİN S., ERDEN Y., SANDAL S., ÇİĞREMİŞ Y., TEKEDERELİ İ., ÇOLAK C.
ACTA PHYSIOLOGICA, 9 - 13 September 2015

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ERDEN Y., TEKİN S., ÇOLAK C., SANDAL S., TEKTEMUR A., ÖNALAN E., KIRBAĞ S.
ACTA PHYSIOLOGICA, 9 - 13 September 2015

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ERDEN Y., TEKİN S., Özyalın F., ÖZEN H., ÇOLAK C., SANDAL S.
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YILMAZ N., KÖSE E., DEDEOĞLU N., ÇOLAK C., ÖZBAĞ D.
XXIV. INTERNATIONAL SYMPOSIUM ON MORPHOLOGICAL SCIENCES, İstanbul, Turkey, 2 - 06 September 2015, vol.9, pp.209

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ACTA PHYSIOLOGICA, 26 - 29 August 2015

CXLVII. **Prediction of apelin 13 concentration based on the levels ofthyroid hormones in rats**
ERDEN Y., TEKİN S., SANDAL S., ÇİĞREMİŞ Y., ÇOLAK C., Özyalın F.
The Joint Meeting of the Federation ofEuropean Physiological Societies and the Baltic PhysiologicalSocieties in Kaunas, 26 - 29 August 2015, vol.215, pp.0-137

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TEKİN S., ERDEN Y., SANDAL S., Etem E., ÇOLAK C.
ACTA PHYSIOLOGICA, 26 - 29 August 2015

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OTAN E., Akbulut S., KARAGUL S., AYDIN C., KIRMIZI S., ÇOLAK C., YILMAZ S.
21st Annual International Congress of the International-Liver-Transplant-Society (ILTS), Illinois, United States Of America, 8 - 11 July 2015, vol.99, pp.137

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Akbulut S., KARAKAŞ S., AYDIN C., SÜMER F., KAYAALP C., IŞIK B., ÇOLAK C., USTA S., YILMAZ S.
21st Annual International Congress of the International-Liver-Transplant-Society (ILTS), Illinois, United States Of America, 8 - 11 July 2015, vol.99, pp.278

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AYDIN C., Akbulut S., OTAN E., KARAKAŞ S., DİRİCAN A., KAYAALP C., ÇOLAK C., YILMAZ S.
21st Annual International Congress of the International-Liver-Transplant-Society (ILTS), Illinois, United States Of America, 8 - 11 July 2015, vol.99, pp.281

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TANBEK K., ALÇİN E., ÖZEROL E., YILDIZ A., VARDI N., ÇOLAK C.
V.İnternational Congress of Moleculer Medicine,İzmir, 2015., İzmir, Turkey, 22 - 24 May 2015

CLIII. **Protective effects of mertformin in a diatetic neuropathy rat model biochemical perturbations of brain region**
TANBEK K., ALÇİN E., ÖZEROL E., YILDIZ A., VARDI N., ÇOLAK C.
V. international Congress of Molecular Medicine, 20 - 22 May 2015

CLIV. **Protective effects of metformin in a diabetic neuropathy rat model biochemical perturbations of brain region**
TANBEK K., ALÇİN E., ÖZEROL E., YILDIZ A., VARDI N., ÇOLAK C.
5th International Congress of MolecularMedicine, 20 - 22 May 2015

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GÖRMELİ G., GÖRMELİ C. A., ATAOĞLU M. B., ÇOLAK C., ASLANTÜRK O., ERTEM K.
5. ORTOPEDİ ve TRAVMATOLOJİ İSTANBUL BULUŞMASI, İstanbul, Turkey, 10 - 12 April 2015

CLVI. **The efficacy of melatonin on improvment of Alzheimer sdisease in STZ Induced rats**
DEMİR M., YILMAZ Ü., ÇOLAK C., SANDAL S.
13th TURKISH NEUROSCIENCE CONGRESS, 30 April - 03 May 2015

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DEMİR M., YILMAZ Ü., ÇOLAK C., SANDAL S.
13th TURKISH NEUROSCIENCE CONGRESS, 30 April - 03 May 2015

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ÇOLAK C., Karaman E., TURTAY M. G.
2nd Intercontinental Emergency Medicine Congress/International Critical Care and Emergency Medicine, 16 - 19 April 2015

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Karaman E., TURTAY M. G., ÇOLAK C., OĞUZTÜRK H., GÜRBÜZ Ş., KAMIŞLI S., Çelik e.
2nd Intercontinental Emergency Medicine Congress/International Critical Care and Emergency Medicine, 16 - 19 April 2015

CLX. **Analgesic effect of Apelin-13 and its mechanism over nitric oxide and serotonin pathways.**
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11th Eemergency Medicine Congress, İstanbul, Turkey, 16 - 19 April 2015, pp.1

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ÇOLAK C., PARLAKPINAR H., KAHRAMAN E., OTLU S., ŞAHİN S., ERDİL N., ACET H. A., BATTALOĞLU B.
64th International Congress of the Euorepean Society of Cardiovascular and Endovascular Surgery (ESCVS), 26 - 28 March 2015

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ÇOLAK M. C., ÇOLAK C., ERMİŞ N., ERDİL N., ÖZDEMİR R.
11th Update in Cardiology and Cardiovascular Surgery and 64th ESCVS Congress, 26 - 29 March 2015

CLXIII. **PP 032 Prediction of Cholesterol Level in Patient with Myocardial Infarction Based on Data Mining Methods**
ÇOLAK M. C., ÇOLAK C., ERMİŞ N., ERDİL N., ÖZDEMİR R.
11th international congress of update of in cardiology and cardiovascular Surgery, 26 - 29 March 2015, vol.115, pp.111

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Türk Kalp ve Damar Cerrahisi Derneği 13. Kongresi. Sözlü Sunum Birincilik Ödülü, Antalya, Turkey, 30 October - 02 November 2014, pp.1

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AYDIN C., OTAN E., AKBULUT A. S., KARAKAŞ S., KAYAALP C., ÇOLAK C., YILMAZ S.
10. Türkiye Organ Nakli Kuruluşları Koordinasyon Derneği (TONKKD) Kongresi, Muğla, Turkey, 15 - 18 October 2014, pp.82-83

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10. Türkiye Organ Nakli Kuruluşları Koordinasyon Derneği (TONKKD) Kongresi, Muğla, Turkey, 15 - 18 October 2014, pp.192-193

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10. Türkiye Organ Nakli Kuruluşları Koordinasyon Derneği (TONKKD) Kongresi, Muğla, Turkey, 15 - 18 October 2014, pp.176-177

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10. Türkiye Organ Nakli Kuruluşları Koordinasyon Derneği (TONKKD) Kongresi, Muğla, Turkey, 15 - 18 October 2014, pp.177-178

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10. Türkiye Organ Nakli Kuruluşları Koordinasyon Derneği (TONKKD) Kongresi, Muğla, Turkey, 15 - 18 October 2014, pp.178

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XVI. Ulusal Biyoistatistik Kongresi, Antalya, Turkey, 10 - 12 September 2014

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ÇUĞLAN S., IRMAK SAPMAZ H., YILMAZ N., TEKİN Ç., ÇOLAK C., ÖZBAĞ D.
16th National Congress of Anatomy, Malatya, Turkey, 11 - 14 September 2014, pp.1

CLXXIII. **Farklı İrisin Konsantrasyonları ile Bazı Kan Parametreleri Arasındaki İlişkinin Polinom Regresyon Modelleri İle Tahmin Edilmesi**
TEKİN S., ÇOLAK C., ERDEN Y., SANDAL S.
40. Ulusal Fizyoloji Kongresi, Turkey, 2 - 06 September 2014

CLXXIV. **Estimation of the relationships between irisin concentration and food intake, body weight and body temperature using polynomial regression models in the rats**
TEKİN S., ÇOLAK C., ERDEN Y., SANDAL S.
Joint Meeting of the Federation of EuropeanPhysiological Societies and the Hungarian PhysiologicalSociety (FEPS-2014), Budapest, Hungary, 27 - 30 August 2014, vol.211, pp.138

CLXXV. **Sağkalım analiz yöntemleri ve karaciğer nakli verileri ile bir uygulama**
İnceoğlu F., GÖZÜKARA BAĞ H. G., ÇOLAK C., YOLOĞLU S., YILMAZ S.
Uluslararası Katılımlı 15. Ulusal Biyoistatistik Kongresi, Aydın, Turkey, 20 - 23 August 2013, pp.18

CLXXVI. **Characteristics and Outcomes of Adult Patients Receving Mechanical Ventilation Due to Acute Poissoning**
ERDOĞAN M. A., AYDOĞAN M. S., ÖZGÜL Ü., UÇAR M., ÇOLAK C., GEDİK E., TOĞAL T., DURMUŞ M.
19 th International Intensive Care Symposium, İstanbul, Turkey, 10 - 11 May 2013, pp.27

CLXXVII. **Characteristics and Outcomes of Adult Patients Receiving Mechanical Ventilation Due to Acute Poisoning**
ERDOĞAN M. A., AYDOĞAN M. S., ÖZGÜL Ü., UÇAR M., ÇOLAK C., GEDİK E., TOĞAL T., DURMUŞ M.
19 th INTERNATIONAL INTENSIVE CARE SYMPOSIUM, İstanbul, Turkey, 10 - 11 May 2013, pp.27

CLXXVIII. **Turgut Özal Tıp Merkezi Çalışanlarının İş Memnuniyetinin Ölçülmesi ve Bunu Etkileyen Faktörlerin İncelenmesi**
karataş n., YAYAN E. H., nak n., özge i., ÇOLAK C.
IV. Uluslararası Sağlıkta Performans ve Kalite Kongresi, 1 - 03 May 2013

CLXXIX. **SAĞ HEPATEKTOMİ UYGULANAN KARACİĞER NAKLİ VERİCİLERİNDE PROPOFOL İLE İZOFLURANIN KARACİĞER VE BÖBREK FONKSİYONLARI İLE KOAGÜLASYON PROFİLİNE ETKİSİ**
ÖZGÜL Ü., UÇAR M., ERDOĞAN M. A., AYDOĞAN M. S., TOPRAK H. İ., ÇOLAK C., DURMUŞ M., ERSOY M. Ö.
TRANSPLANTASYON'xx12 TÜRKİYE ORGAN NAKLİ KURULUŞLARI KOORDİNASYON DERNEĞİ IX.KONGRESİ, Bursa,

Turkey, 26 - 29 September 2012, pp.82

CLXXX. **Destek Vektör Makinesi Modelleri ile Miyokard İnfarktüsün Sınıflandırılması**
GÜLDOĞAN E., AKAYCAN J., YOLOĞLU S., ASYALI M. H., ÇOLAK C.
XIV. Ulusal Biyoistatistik Kongresi, Kayseri, Turkey, 4 - 07 September 2012

CLXXXI. **Parenteral Ozon Uygulamasının Deneysel Miyokardiyal İskemi-Reperfüzyonun Tetiklediği Aritmiler Üzerine Etkileri.**
PARLAKPINAR H., Taşdemir S., Cansel M., Erdoğan S., Sarıhan M., Önal Y., Çolak C., Acet A.
21.Ulusal Farmakoloji Kongresi, Eskişehir, Turkey, 19 - 22 October 2011, pp.1

CLXXXII. **2,3,7,8,-TCDD (Tetraklorodibnzo-P-Dioksin)'in neden olduğu kardiyotoksik etkilere karşı aminoguanidinin koruyucu etkilerinin araştırılması.**
Sarıhan M., PARLAKPINAR H., Çolak C., Dişli O., Ermiş N., Çiftçi O.
VII. Türkiye Acil Tıp Kongresi, Trabzon, Turkey, 13 - 16 October 2011, pp.1

CLXXXIII. **Doksorubusinin neden olduğu kardiyovasküler hasara karşı molsidominin etkileri.**
Sarıhan M., Dişli O., Çolak C., Vardı N., Tamtekin B., PARLAKPINAR H.
VII. Türkiye Acil Tıp Kongresi, Trabzon, Turkey, 13 - 16 October 2011, pp.1

CLXXXIV. **Effects of 3G-launced mobile phone-induced electromagnetic radiation on heart rate, blood pressure and ECG records in rats.**
Çolak C., PARLAKPINAR H., Ermiş N.
XXVI. Ulusal Kardiyoloji Kongresi., İstanbul, Turkey, 21 - 24 October 2010, pp.1

CLXXXV. **Tiyoasetamidle İndüklenen Oksidatif Hasara Karşı Sıçan Karaciğerinde Dekspantenolün Koruyucu Etkisi**
TANBEK K., ÖZEROL B. G., VARDI N., YILDIZ A., ÇOLAK C., GÜREL E.
TBD LABORATUVAR YÖNETİMİ SEMPOZYUMU, Malatya, Turkey, 16 October 2014, vol.39, pp.53

Supported Projects

Aksoy Derya Y., Benli T. E., Yılmaz A. N., Arı A., Karakayalı Ay Ç., Kayhan Tetik B., Altıparmak S., Ünver Koca H., Çolak C., Özşahin Z., TUBITAK Project, Yenidoğan Kimliği Oluşturmada Yapay Zeka Tabanlı Bir Klinik Karar Destek Sisteminin Geliştirilmesi: Güvenli Ve Ebe Dostu Bir Yaklaşım, 2023 - 2026

ÇOLAK C., KÜÇÜKAKÇALI Z., BALIKÇI ÇİÇEK İ., Project Supported by Higher Education Institutions, Sisplatin ile Hepatotoksisite Oluşturulmuş Sıçanlarda Genomik Verilerden Tanıya Yönelik Biyobelirteçlerin Tespiti İçin Topluluk Öğrenme Yöntemlerine Dayalı Bilgisayar Destekli Bir Sistemin Geliştirilmesi, 2021 - 2023

ÇOLAK C., BALIKÇI ÇİÇEK İ., KÜÇÜKAKÇALI Z., YOLOĞLU S., Project Supported by Higher Education Institutions, Metotreksat ile Nefrotoksisite Oluşturulmuş Sıçanlarda Genomik Verilerden Tanıya Yönelik Biyobelirteçlerin Tespiti İçin Ağaç Tabanlı Makine Öğrenmesi Yöntemlerine Dayalı Klinik Karar Destek Sisteminin Geliştirilmesi, 2021 - 2023

MELEKOĞLU R., YAŞAR Ş., YOLOĞLU S., ÇOLAK C., KARABULUT DOĞAN Ü., KASAP M., Project Supported by Higher Education Institutions, Anormal invaziv plasenta tanılı gebelerde plazma proteomik analizlerine yönelik bilgisayar destekli sistemin geliştirilmesi, 2021 - 2023

ÇOLAK C., ÇOLAK M. C., GÜLDOĞAN E., ARSLAN A. K., UCUZAL H., KÖSE A., YILDIRIM İ. O., Project Supported by Higher Education Institutions, Covid-19 Tanısına Yönelik Tıbbi Görüntülere Dayalı Yapay Zeka Tabanlı Klinik Karar Destek Sistemlerinin Geliştirilmesi, 2020 - 2022

ÇOLAK M. C., KÖSE E., ERDİL N., ÇOLAK C., ARSLAN A. K., ERMİŞ N., GÜLDOĞAN E., UCUZAL H., UCUZAL H., UCUZAL H., Project Supported by Higher Education Institutions, İnönü Üniversitesi Turgut Özal Tıp Merkezinde Koroner Arter Bypass Operasyonu Yapılan Hastalarda Gelişen Postoperatif Atriyal Fibrilasyonun Tıbbi Bilgi Keşfi Süreci ile Tahmini, 2017 - 2020

KÖSE E., ÇOLAK C., KILIÇ T., ÇUĞLAN S., Project Supported by Higher Education Institutions, Kronik Obstrüktif Akciğer Hastalığı Olanlarda Alevlenme ve Stabil Dönemdeki Antropometrik Ölçümler ile Modifiye Mallampati Testi Arasındaki İlişkisinin İncelenmesi, 2017 - 2018

ÇOLAK C., Project Supported by Higher Education Institutions, İŞGÜCÜNE KATILIM ORANINI ETKİLEYEN FAKTÖRLERİN KATEGORİK REGRESYON ANALİZİ İLE MODELLENMESİ, 2016 - 2018

Metrics

Publication: 486
Citation (WoS): 1274
Citation (Scopus): 1081
H-Index (WoS): 19
H-Index (Scopus): 17

Non Academic Experience

Other Public Institution, Türkiye Bilimsel Ve Teknolojik Araştırma Kurumu (Tübitak) , (Sbag)

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Other, Avrupa Standartlar Komitesi, Cen

Other Public Institution, Türk Standardları Enstitüsü (Tse)

Other Public Institution, Türk Akreditasyon Kurumu

Türk Standardları Enstitüsü

Başbakanlık Gümrük Müsteşarlığı

İçişleri Bakanlığı