

Prof. CEMİL ÇOLAK

Personal Information

Office Phone: [+90 422 341 0660](tel:+904223410660) Extension: 1287

Fax Phone: [+90 422 341 0036](tel:+904223410036)

Email: cemil.colak@inonu.edu.tr

Web: <https://avesis.inonu.edu.tr/cemil.colak>

International Researcher IDs

ScholarID: Pk-BSwoAAAAJ

ORCID: 0000-0001-5406-098X

Publons / Web Of Science ResearcherID: ABI-3261-2020

ScopusID: 11738942300

Yoksis Researcher ID: 9217

Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Biyoistatistik, Turkey 2001 - 2005

Postgraduate, Inonu University, Sağlık Bilimleri Enstitüsü, Biyoistatistik, Turkey 1999 - 2001

Undergraduate, Ondokuz Mayıs 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

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., 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., Prostat spesifik antijen (PSA)'nın değişik yapay sinir ağı modelleri ile tahmini, Postgraduate, M.ONUR(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. **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)
- II. **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)
- III. **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)
- IV. **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, pp.779, 2023 (SCI-Expanded)
- V. **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)
- VI. **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)
- VII. **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)
- VIII. **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)

- IX. **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)
- X. **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)
- XI. **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)
- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **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)
- XVII. **Effect of Intracerebroventricular MOTS-c Infusion on Peripheral Uncoupling Proteins in Rats**
Bahar M. R., Tekin S., Beytur A., Önalın E., Çolak C., Sandal S.
NEUROENDOCRINOLOGY, vol.111, pp.33-34, 2021 (SCI-Expanded)
- XVIII. **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)
- XIX. **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)
- XX. **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)
- XXI. **The Protective Effects of Compound 21 and Valsartan in Isoproterenol-Induced Myocardial Injury in**

Rats

Ulutas Z., Ermis N., Ozhan O., Parlakpınar H., Vardi N., Ates B., Colak C.

CARDIOVASCULAR TOXICOLOGY, vol.21, no.1, pp.17-28, 2021 (SCI-Expanded)

- XXII. **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.
INFECTİON AND DRUG RESİSTANCE, vol.14, pp.2557-2568, 2021 (SCI-Expanded)
- XXIII. **Effects of scapular stabilization exercises in patients of chronic neck pain with scapular dyskinesia: 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)
- XXIV. **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)
- XXV. **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)
- XXVI. **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)
- XXVII. **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)
- XXVIII. **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)
- XXIX. **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)
- XXX. **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., TANRIVERDİ L. H., ÇOLAK C., ACET A.
CARDIOVASCULAR TOXICOLOGY, vol.19, no.4, pp.306-320, 2019 (SCI-Expanded)
- XXXI. **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)
- XXXII. **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)
- XXXIII. **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)

- XXXIV. **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)
- XXXV. **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)
- XXXVI. **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)
- XXXVII. **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)
- XXXVIII. **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)
- XXXIX. **Central irisin administration suppresses thyroid hormone production but increases energy consumption in rats**
Tekin S., Erden Y., Ozyalin F., Onalan E. E., Çiğremiş Y., Çolak C., Tekedereli İ., Sandal S.
NEUROSCIENCE LETTERS, vol.674, pp.136-141, 2018 (SCI-Expanded)
- XL. **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)
- XLI. **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)
- XLII. **A New Strategy for Enhancing Acanthamoebicidal Activity with Synthesis of Nanoflower of Laurocerasus 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.
MIKROBIYOLOJİ BULTENİ, vol.52, no.1, pp.56-71, 2018 (SCI-Expanded)
- XLIII. **The Effects of Remifentanil on Hemodynamic Response Attenuation After Electroconvulsive Therapy Under Sevoflurane Anesthesia**
ERDİL F., ÖZGÜL Ü., ŞANLI M., KAYHAN G., ÇOLAK C., DURMUŞ M.
JOURNAL OF ECT, vol.33, no.4, pp.264-267, 2017 (SCI-Expanded)
- XLIV. **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)
- XLV. **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)
- XLVI. **The effects of intracerebroventricular infusion of irisin on feeding behaviour in rats**
Tekin S., Erden Y., Ozyalin F., Çiğremiş Y., Çolak C., Sandal S.
NEUROSCIENCE LETTERS, vol.645, pp.25-32, 2017 (SCI-Expanded)

- XLVII. **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)
- XLVIII. **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)
- XLIX. **Antenatal magnesium sulfate use for fetal neuroprotection experience from a tertiary care Hospital in Turkey**
MELEKOĞLU R., SEVİL E., Celik E., ŞİMŞEK Ö. Y., ÇOLAK C.
BIOMEDICAL RESEARCH-INDIA, vol.28, no.4, pp.1749-1754, 2017 (SCI-Expanded)
- L. **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)
- LI. **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)
- LII. **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)
- LIII. **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)
- LIV. **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)
- LV. **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)
- LVI. **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)
- LVII. **Pulmonary embolism: single and multiple risk factors**
DEMİR B., OĞUZTÜRK H., TURTAY M. G., ÇOLAK C., DEMİR N. K., GÜRBÜZ Ş.
BIOMEDICAL RESEARCH-INDIA, vol.28, no.9, pp.4213-4218, 2017 (SCI-Expanded)
- LVIII. **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)
- LIX. **Incidence and clinical presentation of portal vein thrombosis in cirrhotic patients**
CAGIN Y. F., ATAYAN Y., ERDOĞAN M. A., DAĞTEKİN F., ÇOLAK C.
HEPATOBIILIARY & PANCREATIC DISEASES INTERNATIONAL, vol.15, no.5, pp.499-503, 2016 (SCI-Expanded)
- LX. **Neurotransmitters Levels in Experimentally Produced Alzheimer Model in Rats**
Demir M., Yılmaz Ü., Sandal S., Çolak C., Ozyalın F.

- ACTA PHYSIOLOGICA, vol.218, pp.71, 2016 (SCI-Expanded)
- LXI. **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)
- LXII. **The Effect of Melatonin on the Alzheimer's Disease: Relationship with FEZ1 Gene Expression**
Demir M., Yılmaz Ü., Sandal S., Çolak C., Çiğremiş Y.
ACTA PHYSIOLOGICA, vol.218, pp.21-22, 2016 (SCI-Expanded)
- LXIII. **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.
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Non Academic Experience

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

Other Public Institution, Türkiye Sağlık Enstitüleri Başkanlığı (Tüseb) Türkiye Sağlık Hizmetleri Kalite Ve Akreditasyon Enstitüsü (Tüska)

Other, Avrupa Standartlar Komitesi, Cen

Other Public Institution, Türk Akreditasyon Kurumu

Other Public Institution, Türk Standardları Enstitüsü (Tse)