

## Assoc. Prof. İLKER ÜNAL

### Personal Information

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### Education Information

Doctorate, Cukurova University, Sağlık Bilimleri Enstitüsü, Biyoistatistik Anabilimdalı, Turkey 2004 - 2011

Post Graduate, Cukurova University, Sağlık Bilimleri Enstitüsü, Biyoistatistik Anabilimdalı, Turkey 2001 - 2004

Under Graduate, Middle East Technical University, Fen Edebiyat Fakültesi, Matematik, Turkey 1996 - 2001

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, TANI TESTLERİNİ DEĞERLENDİRMEDE KULLANILAN STANDARTLAR VE ANALİTİK YÖNTEMLER, Cukurova University, Tıp Fakültesi, Biyoistatistik Anabilimdalı, 2011

Post Graduate, PROGNOZDA VE TANIDA LOJİSTİK REGRESYON VE NEURAL NETWORK YAKLAŞIMI: EPİDEMİYOLOJİK VERİ SETLERİNDE KARŞILAŞTIRMALI UYGULAMALAR, Cukurova University, Tıp Fakültesi, Biyoistatistik Anabilimdalı, 2004

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biostatistics and Medical Informatics

### Academic Titles / Tasks

Associate Professor, Cukurova University, Tıp Fakültesi, Temel Tıp Bilimleri, 2020 - Continues

Assistant Professor, Cukurova University, Tıp Fakültesi, Biyoistatistik Anabilimdalı, 2018 - 2020

Assistant Professor, Cukurova University, Tıp Fakültesi, Biyoistatistik Anabilimdalı, 2013 - 2018

Assistant Professor, Izmir University, Tıp Fakültesi, Biyoistatistik Anabilimdalı, 2012 - 2013

Research Assistant, Cukurova University, Tıp Fakültesi, Biyoistatistik Anabilimdalı, 2001 - 2011

### Professional Experience

Assistant Coordinator, Cukurova University, Tıp Fakültesi, Dönem Iı Koordinatör Yardımcısı, 2015 - Continues

Board Member, Cukurova University, İstatistik Uygulama Ve Araştırma Merkezi, 2015 - Continues

Academic Board Member, Cukurova University, Tıp Fakültesi, 2013 - Continues  
Head of Department, Izmir University, Tıp Fakültesi, 2012 - 2013

## Courses

Kategorik Veri Analizi, Doctorate, 2018 - 2019  
Uygulamalı Lojistik Regrasyon Analizi, Post Graduate, 2017 - 2018  
Çoklu Regresyon Analizi, Doctorate, 2017 - 2018, 2018 - 2019  
Epidemiyolojide İstatistiksel Yöntemler II, Post Graduate, 2017 - 2018  
Kategorik Veri Analizi, Doctorate, 2017 - 2018  
Çok Değişkenli Analiz, Doctorate, 2018 - 2019  
Biyostatistik, Under Graduate, 2016 - 2017  
Epidemiyolojide İstatistiksel Yöntemler II, Post Graduate, 2016 - 2017  
Epidemiyolojide İstatistiksel Yöntemler I, Post Graduate, 2017 - 2018  
Multivariate Analizi, Doctorate, 2017 - 2018  
Tanı Testlerini Değerlendirmede Kullanılan İleri İstatistiksel Yöntemler, Doctorate, 2017 - 2018  
Çoklu Regresyon Analizi, Doctorate, 2016 - 2017  
Discrete Multivariate Analizi, Doctorate, 2016 - 2017  
Biyostatistik, Under Graduate, 2016 - 2017  
Tıbbi İstatistik, Associate Degree, 2015 - 2016, 2016 - 2017  
Tanı Testleri Değerlendirmede Kullanılan İstatistiksel Yöntemlere Giriş, Post Graduate, 2015 - 2016  
Epidemiyolojide İstatistiksel Yöntemler I, Post Graduate, 2016 - 2017  
Multivariate Analizi I, Doctorate, 2016 - 2017  
Tanı Testleri Değerlendirmede Kullanılan İstatistiksel Yöntemlere Giriş, Post Graduate, 2014 - 2015  
Uygulamalı Lojistik Regrasyon Analizi, Post Graduate, 2015 - 2016  
Tıbbi İstatistik, Associate Degree, 2014 - 2015  
Analize Giriş, Post Graduate, 2014 - 2015  
Tıbbi İstatistik, Associate Degree, 2013 - 2014  
Temel Bilgi Teknolojileri, Under Graduate, 2013 - 2014  
Tıbbi Bilişim, Under Graduate, 2012 - 2013  
Biyostatistik, Under Graduate, 2012 - 2013  
İstatistik, Under Graduate, 2012 - 2013

## Advising Theses

ÜNAL İ., Tekrarlı Ölçümler Analizinde Küresellik Varsayımının İncelenmesi, Post Graduate, D.Yalçıntaş(Student), 2019  
ÜNAL İ., Faktör Analizi Yaklaşımının Medikal Verilerde Kullanımı: Kardiyoloji Alanına Bir Uygulama, Post Graduate, B.Karaarslan(Student), 2018  
ÜNAL İ., Zamana Bağlı ROC Analizi ve Sağlık Alanında Bir Uygulaması, Post Graduate, C.Efe(Student), 2017

## Jury Memberships

Doctoral Examination, Doktora yeterlilik sınavı, Çukurova Üniversitesi, September, 2019  
Post Graduate, Biyoistatistik Yüksek Lisans Tez Savunması, Çukurova Üniversitesi, August, 2019  
Doctoral Examination, Mersin Üniversitesi Biyoistatistik Doktora Yeterlilik, Mersin Üniversitesi, June, 2019  
Doctorate, Mersin Üniversitesi Biyoistatistik Doktora tez savunma, Mersin Üniversitesi, March, 2019  
Doctoral Examination, Mersin Üniversitesi Biyoistatistik Yeterlilik, Mersin Üniversitesi, January, 2019  
Post Graduate, Mersin Üniversitesi Biyoistatistik Tez savunma, Mersin Üniversitesi, January, 2019

Post Graduate, Tez Savunma Jurisi, Çukurova Üniversitesi, March, 2018

Appointment Academic Staff, Araştırma Görevlisi Kadrosu, Çukurova Üniversitesi, January, 2018

Doctorate, Tez Savunma Jurisi, Mersin Üniversitesi, September, 2017

Post Graduate, Tez Savunma Jurisi, Çukurova Üniversitesi, July, 2017

Doctorate, Tez Savunma Jurisi, Çukurova Üniversitesi, July, 2017

Post Graduate, Tez Savunma Jurisi, Mersin Üniversitesi, January, 2016

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

- I. **Prognostic performance of copeptin among patients with acute decompensated heart failure**  
ÖZMEN Ç., DEVECİ O. S. , Tepe O., Yesildas C., ÜNAL İ., Yildiz I., AKILLI R., DENİZ A., DEMİR M., KANADAŞI M., et al.  
ACTA CARDIOLOGICA, 2020 (Journal Indexed in SCI)
- II. **Correlations Between Clinical Features and Mouth Opening in Patients With Systemic Sclerosis**  
TÜRK İ., Cuzdan N., ÇİFTÇİ V., Arslan D., ÜNAL İ.  
ARCHIVES OF RHEUMATOLOGY, vol.35, pp.196-204, 2020 (Journal Indexed in SCI)
- III. **Malnutrition, associated clinical factors, and depression in systemic sclerosis: a cross-sectional study**  
TÜRK İ., Cuzdan N., ÇİFTÇİ V., TAŞ ARSLAN D., DOĞAN M. C. , ÜNAL İ.  
CLINICAL RHEUMATOLOGY, vol.39, pp.57-67, 2020 (Journal Indexed in SCI)
- IV. **The relationship of abdominal perfusion pressure with mortality in critically ill pediatric patients**  
Horoz O. O. , Yildizdas D., SARI Y., ÜNAL İ., EKİNCİ F., PETMEZCİ E.  
JOURNAL OF PEDIATRIC SURGERY, vol.54, pp.1731-1735, 2019 (Journal Indexed in SCI)
- V. **Post-obturation pain following the use of carrier-based system with AH Plus or iRoot SP sealers: a randomized controlled clinical trial**  
Ates A. A. , Dumani A., Yoldas O., ÜNAL İ.  
CLINICAL ORAL INVESTIGATIONS, vol.23, pp.3053-3061, 2019 (Journal Indexed in SCI)
- VI. **Factors affecting epilepsy prognosis in patients with tuberous sclerosis**  
MERT G. G. , ALTUNBAŞAK Ş., HERGÜNER O., İNCECİK F., OVETTI H. C. , ÖZCAN N., KUSCU D., ÜNAL İ.  
CHILDS NERVOUS SYSTEM, vol.35, pp.463-468, 2019 (Journal Indexed in SCI)
- VII. **Diagnostic values of KOH examination, histological examination, and culture for onychomycosis: a latent class analysis**  
Karaman B. F. , AÇIKALIN A., ÜNAL İ., AKSUNGUR V. L.  
INTERNATIONAL JOURNAL OF DERMATOLOGY, vol.58, pp.319-324, 2019 (Journal Indexed in SCI)
- VIII. **Myocarditis and Early Markers of Cardiac Response Associated with Scorpion Stings in Children**  
GOKAY S. S. , KENDIR O. T. , GULU U. U. , NALBANT T., Ekinci F., Matyar S., ÜNAL İ., Erdem S., YILDIZDAŞ R. D. , YILMAZ H. L.  
WILDERNESS & ENVIRONMENTAL MEDICINE, vol.29, pp.471-478, 2018 (Journal Indexed in SCI)
- IX. **Does prophylactic ondansetron reduce norepinephrine consumption in patients undergoing cesarean section with spinal anesthesia?**  
KARACAER F., BİRİCİK E., ÜNAL İ., BÜYÜKKURT S., ÜNLÜGENÇ H.  
JOURNAL OF ANESTHESIA, vol.32, pp.90-97, 2018 (Journal Indexed in SCI)
- X. **A new criterion to differentiate atrioventricular nodal reentrant tachycardia from atrioventricular reciprocating tachycardia: Combined AVR criterion.**  
DEMİRTAŞ A., ICEN Y., KAYPAKLı O., KOCA H., Ünal İ., KÖSEOĞLU Z., SAHİN D., KOC M.  
Journal of electrocardiology, vol.51, pp.1045-1051, 2018 (Journal Indexed in SCI)
- XI. **Successive Potassium Hydroxide Testing for Improved Diagnosis of Tinea Pedis**  
Karaman B. F. , Topal S. G. , AKSUNGUR V. L. , ÜNAL İ., İlkit M.  
CUTIS, vol.100, pp.110-114, 2017 (Journal Indexed in SCI)
- XII. **Evaluating Choroidal Characteristics in Systemic Sclerosis Using Enhanced Depth Imaging Optical Coherence Tomography**

- ESEN E., Tas D. A. , SIZMAZ S., TÜRK İ., ÜNAL İ., Demircan N.  
OCULAR IMMUNOLOGY AND INFLAMMATION, vol.25, pp.356-362, 2017 (Journal Indexed in SCI)
- XIII. **Defining an Optimal Cut-Point Value in ROC Analysis: An Alternative Approach**  
ÜNAL İ.  
COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE, 2017 (Journal Indexed in SCI)
- XIV. **Risk factors affecting prognosis in infantile spasm**  
Mert G. G. , Herguner M. O. , İNCECİK F., ALTUNBAŞAK Ş., SAHAN D., ÜNAL İ.  
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.127, pp.1012-1018, 2017 (Journal Indexed in SCI)
- XV. **Evaluation of Score for Neonatal Acute Physiology and Perinatal Extension II and Clinical Risk Index for Babies with additional parameters**  
Asker H. S. , SATAR M., Yildizdas H. Y. , Mutlu B., Ozyurt B. M. , Ipek M. S. , Sivasli E., Taviloglu S., Celik Y., Ozcan K., et al.  
PEDIATRICS INTERNATIONAL, vol.58, pp.984-987, 2016 (Journal Indexed in SCI)
- XVI. **Evaluation of the Innermost Retinal Layers and Visual Evoked Potentials in Patients with Multiple Sclerosis**  
ESEN E., SIZMAZ S., BALAL M., YAR K., Demirkiran M., ÜNAL İ., Demircan N.  
CURRENT EYE RESEARCH, vol.41, pp.1353-1358, 2016 (Journal Indexed in SCI)
- XVII. **Comparison of the Effects of Intrathecal Fentanyl and Intrathecal Morphine on Pain in Elective Total Knee Replacement Surgery**  
KILICKAYA R., ORAK Y., BALCI M. A. , BALCI F., ÜNAL İ.  
PAIN RESEARCH & MANAGEMENT, vol.2016, 2016 (Journal Indexed in SCI)
- XVIII. **Diagnostic value of diffusion weighted MRI and ADC in differential diagnosis of cavernous hemangioma of the liver.**  
Tokgöz O., Unlu E., ÜNAL İ., Serifoglu I., Oz I., AKTAS E., Caglar E.  
AFRICAN HEALTH SCIENCES, vol.16, pp.227-233, 2016 (Journal Indexed in SCI)
- XIX. **Evaluation of Choroidal Vascular Changes in Patients with Multiple Sclerosis Using Enhanced Depth Imaging Optical Coherence Tomography**  
ESEN E., SIZMAZ S., DEMİR T., Demirkiran M., ÜNAL İ., Demircan N.  
OPHTHALMOLOGICA, vol.235, pp.65-71, 2016 (Journal Indexed in SCI)
- XX. **Reply to the Comment by Yolcu et al. on Our Paper Entitled 'Evaluation of Choroidal Vascular Changes in Patients with Multiple Sclerosis Using Enhanced Depth Imaging Optical Coherence Tomography'**  
ESEN E., SIZMAZ S., DEMİR T., DEMIRKIRAN M., ÜNAL İ., DEMİRCAN N.  
OPHTHALMOLOGICA, vol.235, pp.122, 2016 (Journal Indexed in SCI)
- XXI. **The prevalence of and factors associated with intra-abdominal hypertension on admission Day in critically ill pediatric patients: A multicenter study**  
HOROZ O. O. , Yildizdas D., Asilioglu N., Kendirli T., Erkek N., Anil A. B. , BAYRAKCI B., Koroglu T., Akyildiz B. N. , Arslankoylu A. E. , et al.  
JOURNAL OF CRITICAL CARE, vol.30, pp.584-588, 2015 (Journal Indexed in SCI)
- XXII. **Estimation of stature and sex from sternal lengths: an autopsy study**  
Yonguc G. N. , Kurtulus A., Bayazit O., Adiguzel E., ÜNAL İ., Demir S., Acar K.  
ANATOMICAL SCIENCE INTERNATIONAL, vol.90, pp.89-96, 2015 (Journal Indexed in SCI)
- XXIII. **The value of liver and spleen ADC measurements in the diagnosis and follow up of hepatic fibrosis in chronic liver disease**  
Tokgoz O., ÜNAL İ., Turgut G. G. , Yildiz S.  
ACTA CLINICA BELGICA, vol.69, pp.426-432, 2014 (Journal Indexed in SCI)
- XXIV. **Verification bias on sensitivity and specificity measurements in diagnostic medicine: a comparison of some approaches used for correction**  
ÜNAL İ., BURGUT H. R.  
JOURNAL OF APPLIED STATISTICS, vol.41, pp.1091-1104, 2014 (Journal Indexed in SCI)
- XXV. **Gene-Gene Interaction of ACE I/D, Endothelial Nitric Oxide Synthase 4 a/b and ApoE does not Affect**

### **Coronary Artery Disease Severity**

Matyar S., ACARTURK E., ATILA G., ÜNAL İ., SOYER L., AKPINAR O.

ADVANCES IN CLINICAL AND EXPERIMENTAL MEDICINE, vol.23, pp.215-223, 2014 (Journal Indexed in SCI)

- XXVI. **Comparing the methods of measuring multi-rater agreement on an ordinal rating scale: a simulation study with an application to real data**  
SERTDEMİR Y., BURGUT H. R. , ALPARSLAN Z. N. , ÜNAL İ., GÜNAŞTI S.  
JOURNAL OF APPLIED STATISTICS, vol.40, pp.1506-1519, 2013 (Journal Indexed in SCI)
- XXVII. **Changes in renal Doppler ultrasonographic parameters in patients managed with rigid ureteroscopy**  
Tokgoz O., Tokgoz H., Unal I., VOYVODA N., Serifoglu I.  
ACTA RADIOLOGICA, vol.54, pp.327-332, 2013 (Journal Indexed in SCI)
- XXVIII. **The prognostic value of arterial stiffness in systolic heart failure**  
Demir S., Akpinar O., Akkus O., Nas K., ÜNAL İ., Molnar F., Demir A., Illyes M., Acarturk E.  
CARDIOLOGY JOURNAL, vol.20, pp.665-671, 2013 (Journal Indexed in SCI)
- XXIX. **Evaluation of paracetamol distribution and stability in case of acute intoxication in rats**  
Battal D., HİLAL A., Daglioglu K., ÜNAL İ., GÜLMEN M. K.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.32, pp.82-89, 2013 (Journal Indexed in SCI)
- XXX. **Diagnostic values of detrusor wall thickness, postvoid residual urine, and prostate volume to evaluate lower urinary tract symptoms in men**  
Tokgoz O., Tokgoz H., ÜNAL İ., Delibas U., Yildiz S., Voyvoda N., Erdem Z.  
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.18, pp.277-281, 2012 (Journal Indexed in SCI)
- XXXI. **Changes in BNP, hs-CRP and TIMI risk index with addition of tirofiban during primary percutaneous coronary intervention for acute STEMI: a prospective observational cohort study**  
KURT I. H. , DEMIRKOL S., ÜNAL İ., BATUR M. K.  
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.12, pp.107-114, 2012 (Journal Indexed in SCI)
- XXXII. **ASSOCIATION BETWEEN OBSESSIVE COMPULSIVE DISORDER AND TUMOR NECROSIS FACTOR-alpha GENE-308 (G > A) AND-850 (C > T) POLYMORPHISMS IN TURKISH CHILDREN**  
LÜLEYAP H. Ü. , Onatoglu D., Tahiroglu A. Y. , ALPTEKİN D., YILMAZ M., ÇETİNER S., PAZARBAŞI A., ÜNAL İ., AVCI A.  
BALKAN JOURNAL OF MEDICAL GENETICS, vol.15, pp.61-66, 2012 (Journal Indexed in SCI)
- XXXIII. **Chronic pulmonary diseases are independent risk factors for complications after radical nephrectomy**  
Tokgoz H., Akduman B., ÜNAL İ., Erol B., Akyurek E., Mungan N. A.  
INTERNATIONAL UROLOGY AND NEPHROLOGY, vol.43, pp.1025-1031, 2011 (Journal Indexed in SCI)
- XXXIV. **Relationship of brain natriuretic peptide with metabolic syndrome parameters: an observational study**  
Oztekin S., Karakurt O., YAZIHAN N., ÜNAL İ.  
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.11, pp.678-684, 2011 (Journal Indexed in SCI)
- XXXV. **In vivo confocal microscopy: Corneal changes of hydrogel contact lens wearers**  
YAĞMUR M., OKAY O., Sizmaz S., ÜNAL İ., YAR K.  
International Ophthalmology, vol.31, pp.377-383, 2011 (Journal Indexed in SCI Expanded)
- XXXVI. **The effect of streptokinase therapy in STEMI and conventional therapy in NSTEMI patients on TIMI risk index, B-type natriuretic peptide and high-sensitive C-reactive protein**  
KURT I. H. , BATUR M. K. , ÜNAL İ.  
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.11, pp.530-535, 2011 (Journal Indexed in SCI)
- XXXVII. **Factors Affecting Epilepsy Development and Epilepsy Prognosis in Cerebral Palsy**  
MERT G. G. , İNCECİK F., ALTUNBAŞAK Ş., HERGÜNER O., MERT M. K. , KİRİŞ N., ÜNAL İ.  
PEDIATRIC NEUROLOGY, vol.45, pp.89-94, 2011 (Journal Indexed in SCI)
- XXXVIII. **Determination of Organochlorine Pesticides Residues in Human Adipose Tissue, Data from Cukurova, Turkey**  
DAĞLIOĞLU N., GÜLMEN M. K. , Akcan R., Efeoglu P., YENER F., ÜNAL İ.  
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.85, pp.97-102, 2010 (Journal Indexed in SCI)

- XXXIX. **Low Pulse Pressure as a Predictor of Death in Patients with Mild to Advanced Heart Failure**  
YILDIRAN T., KOC M., BOZKURT A., SAHIN D. Y. , ÜNAL İ., ACARTURK E.  
TEXAS HEART INSTITUTE JOURNAL, vol.37, pp.284-290, 2010 (Journal Indexed in SCI)
- XL. **The value of F-18-fluorodeoxyglucose positron emission tomography/computed tomography in carcinoma of an unknown primary: diagnosis and follow-up**  
Yapar Z., Kibar M., Yapar A. F. , Paydaş S., Reyhan M., Kara O., Buyukdereli G., Aydin M., Kelle A. P. , Ünal İ., et al.  
NUCLEAR MEDICINE COMMUNICATIONS, vol.31, pp.59-66, 2010 (Journal Indexed in SCI)
- XLI. **Calcium Phosphate Stone Morphology: Plain Radiographic Findings and Interobserver Variabilities**  
Tokgoz H., Turksoy O., Yildiz A., ÜNAL İ., Erol B., Toparli S., Mungan G.  
CURRENT MEDICAL IMAGING, vol.5, pp.238-241, 2009 (Journal Indexed in SCI)
- XLII. **The effect of HER2 expression on cisplatin-based chemotherapy in advanced non-small cell lung cancer patients**  
CALIKUSU Z., YILDIRIM Y., Akcali Z., Sakalli H., Bal N., ÜNAL İ., Ozyilkan O.  
JOURNAL OF EXPERIMENTAL & CLINICAL CANCER RESEARCH, vol.28, 2009 (Journal Indexed in SCI)
- XLIII. **Cutoff values of NT-proBNP for the prediction of low functional capacity, decreased ejection fraction and cardiovascular events in patients with heart failure**  
KOC M., BOZKURT A., SAHIN D. Y. , ÜNAL İ., ACARTURK E.  
CARDIOLOGY JOURNAL, vol.16, pp.43-51, 2009 (Journal Indexed in SCI)
- XLIV. **Usefulness of N-terminal pro-B-type natriuretic peptide increase with exercise for predicting cardiovascular mortality in patients with heart failure**  
KOC M., BOZKURT A., ACARTURK E., SAHIN D. Y. , ÜNAL İ.  
AMERICAN JOURNAL OF CARDIOLOGY, vol.101, pp.1157-1162, 2008 (Journal Indexed in SCI)
- XLV. **Left atrial size may predict exercise capacity and cardiovascular events in patients with heart failure**  
ACARTURK E., KOC M., BOZKURT A., ÜNAL İ.  
TEXAS HEART INSTITUTE JOURNAL, vol.35, pp.136-143, 2008 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Extended-focused Ultrasonography for Children with High-energy Trauma**  
KENDIR O. T. , YILMAZ H. L. , ÇELİK T., ÜNAL İ., GOKAY S. S. , OZKAYA A. M. K.  
JOURNAL OF PEDIATRIC RESEARCH, vol.6, pp.329-335, 2019 (Journal Indexed in ESCI)
- II. **Effect of Vitamin D Treatment on Glycemic Control, Diastolic Functions, and Carotid Intima-Media Thickness in Patients with Type 2 Diabetes Mellitus**  
Olgun M. E. , AKKUŞ G., GÖK M., ÇAĞLIYAN Ç. E. , UNAL I., SERT M., Tetiker T.  
TURKISH JOURNAL OF ENDOCRINOLOGY AND METABOLISM, vol.23, pp.97-104, 2019 (Journal Indexed in ESCI)
- III. **Evaluation of coronary sinus morphology by three-dimensional transthoracic echocardiography in patients undergoing electrophysiological study**  
SENTURK S. E. , ICEN Y. K. , KOC A. S. , DONMEZ Y., BAYKAN A. O. , ÜNAL İ., Sumbul H. E. , KOC M.  
JOURNAL OF ARRHYTHMIA, vol.34, pp.626-631, 2018 (Journal Indexed in ESCI)
- IV. **Performance of Using Tag-based Feature Sets in Web Page Classification**  
ÜNAL H. E. , ÖZEL S. A. , ÜNAL İ.  
SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, vol.22, pp.583-594, 2018 (International Refereed University Journal)
- V. **Does warming intravenous fluids during spinal-induced hypotension decrease the incidence of hypotension and reduce the amount of fluid, transfusion and ephedrine requirements?**  
ÜNLÜGENÇ H., GÜLEÇ E., ILGINEL M., ÜNAL İ., EMRE M.  
Middle East Journal of Anesthesiology, vol.25, pp.51-59, 2018 (Refereed Journals of Other Institutions)
- VI. **Does Warmin-g Intravenous Fluids During Spinal-Induced Hypotension Decreases The Incidence Of Hypotension And Reduce The Amount Of Fluid, Transfusion And Ephedrine Requirements?**  
ÜNLÜGENÇ H., GÜLEÇ E., Ilginel M., ÜNAL İ., EMRE M.

MIDDLE EAST JOURNAL OF ANESTHESIOLOGY, vol.25, pp.51-59, 2018 (Refereed Journals of Other Institutions)

- VII. **Is the transformation useful to estimate the area under the ROC curve with skewed data?**  
ÜNAL İ.  
CUKUROVA MEDICAL JOURNAL, vol.43, pp.141-147, 2018 (Journal Indexed in ESCI)
- VIII. **Prevalence of Seizures in Pregnant Women with Epilepsy and Pregnancy Outcomes**  
Tantik Pak A., BOZDEMİR H., ASLAN K., PEKOZ T., BÜYÜKKURT S., ÜNAL İ.  
EPILEPSI, vol.24, pp.114-119, 2018 (Journal Indexed in ESCI)
- IX. **Vitamin D levels of children with chronic liver disease**  
GÜRBÜZ F., AĞIN M., MENGEN E., ELCİ H., ÜNAL İ., TÜMGÖR G., YÜKSEL B.  
CUKUROVA MEDICAL JOURNAL, vol.43, pp.450-456, 2018 (Journal Indexed in ESCI)
- X. **Factors associated with delayed vascular maturation in infants with retinopathy of prematurity not requiring treatment**  
ESEN E., SIZMAZ S., Yapicioglu H., Ozlu F., YAR K., ÜNAL İ., Demircan N.  
CUKUROVA MEDICAL JOURNAL, vol.41, pp.346-353, 2016 (Journal Indexed in ESCI)
- XI. **Nörolojik Hastalıklarda Özürlülük**  
Evlice A. T. , Demir T., Aslan K., Bozdemir H., Demirkıran D. M. , Ünal İ., Bıçakçı Ş.  
Cukurova Medical Journal, vol.39, pp.566-571, 2014 (National Refreed University Journal)
- XII. **Medicine use behaviors of people in the city of Adana, Turkey Adana İlindeki İnsanlar{n ilaç kullanı{m all{şkanlı{kları{}**  
Pinar N., KARATAŞ Y., BOZDEMİR N., ÜNAL İ.  
TAF Preventive Medicine Bulletin, vol.12, pp.639-650, 2013 (Refereed Journals of Other Institutions)
- XIII. **Association between pediatric autoimmune neuropsychiatric disorders associated with streptococcal infections disease and tumor necrosis factor- $\gamma$  gene-308 g/a, -850 c/t polymorphisms in 4-12-year-old children in Adana/Turkey**  
Luleyap U., Onatoglu D., Yılmaz M., Alptekin D., Tahiroglu A., Çetiner S., PAZARBAŞI A., Unal I., Avcı A., Comertpay G.  
Indian Journal of Human Genetics, vol.19, pp.196-201, 2013 (Refereed Journals of Other Institutions)
- XIV. **Nozokomiyal Enfeksiyonlar İçin Enfeksiyon Belirteçleri**  
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## Supported Projects

SERTDEMİR Y., GÜLDEREN ÖZLÜ F., ÜNAL İ., BURGUT H. R., BARUTÇU A., SATAR M., AKÇALI M., YAPICIOĞLU YILDIZDAŞ H., Project Supported by Higher Education Institutions, Vital bulgular ile yeni doğanlarda sepsis tanısının daha erken konulmasında Lojistik Regresyon ve Karar Ağacı yöntemlerinin karşılaştırılması, 2015 - 2017

BURGUT H. R., ALPARSLAN Z. N., ARSLAN Y. K., SERTDEMİR Y., ÜNAL İ., Project Supported by Higher Education Institutions, 8th Conference of the Eastern Mediterranean Region of the International Biometric Society (EMR-IBS 2015), 2015 - 2016

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## Activities in Scientific Journals

Anadolu Kardiyoloji Dergisi, Advisory Committee Member, 2009 - 2015

## **Memberships / Tasks in Scientific Organizations**

Biyoistatistik Derneđi, Member, 2010 - Continues

International Biometric Society (IBS), Member, 2002 - Continues

Eastern Mediterranean Region of the International Biometric Society (EMR-IBS), Chairman, 2015 - 2017

## **Citations**

Total Citations (WOS):348

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## **Awards**

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