

## Prof. İsmail MALKOÇ

### Personal Information

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### International Researcher IDs

ScholarID: VRh3S10AAAAJ

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Publons / Web Of Science ResearcherID: AAH-5116-2019

ScopusID: 14060700100

### Education Information

Doctorate, Ataturk University, Tıp Fakültesi, Anatomi, Turkey 2000 - 2005

### Foreign Languages

English, B1 Intermediate

### Dissertations

Doctorate, "İNSAN ve GÖRME DUYUSU GELİŞMİŞ HAYVANLARININ GÖRME YOLLARININ KARŞILAŞTIRMALI ANATOMİSİ", Atatürk Üniversitesi, Tıp Fakültesi, Anatomi, 2005

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Human Anatomy

### Academic Titles / Tasks

Professor, Ataturk University, Tıp Fakültesi, Temel Tıp Bilimleri, 2017 - Continues

### Courses

Anatomi, Undergraduate, 2016 - 2017

### Advising Theses

MALKOÇ İ., Doğu Anadolu Bölgesinde TOF MRG Angiografi ile Tespit Edilen Willis Poligonu Varyasyonlarının Sıklığı ve Lokalizasyonları, Doctorate, F.Güven(Student), 2019

MALKOÇ İ., "ORTOGNATİK CERRAHİ HASTALARINDA CERRAHİ ANATOMİ BÖLGELERİNİN RADYOMORFOMETRİK İNCELENMESİ", Doctorate, H.TUĞÇE(Student), 2018  
MALKOÇ İ., "Sağlıklı Erkek Erişkinlerde Genital Anatomik Ölçümler", Doctorate, B.Fırat(Student), 2016  
MALKOÇ İ., "DOĞU ANADOLU BÖLGESİNDEKİ CANLI KARACİĞER VERİCİLERİNDE HEPATİK ARTERİN ANATOMİK VARYASYONLARI", Doctorate, A.KARA(Student), 2013

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Renoprotective Effect of Taxifolin in Paracetamol-Induced Nephrotoxicity: Emerging Evidence from an Animal Model**  
Topal I., ÖZDAMAR M. Y., Catakli T., Malkoc İ., Hacimuftuoglu A., Mamoulakis C., Tsatsakis A., Tsarouhas K., Tsitsimpikou C., Taghizadehghalehjoughi A.  
Journal of Clinical Medicine, vol.12, no.3, 2023 (SCI-Expanded)
- II. **Effect of lutein on methotrexate-induced oxidative lung damage in rats: a biochemical and histopathological assessment**  
MAMMADOV R., SÜLEYMAN B., Akturan S., KESKİN ÇİMEN F., KURT N., SÜLEYMAN Z., MALKOÇ İ.  
KOREAN JOURNAL OF INTERNAL MEDICINE, vol.34, no.6, pp.1279-1286, 2019 (SCI-Expanded)
- III. **The effect of thiamine and its metabolites on peripheral neuropathic pain induced by cisplatin in rats**  
ONK D., MAMMADOV R., SÜLEYMAN B., Cimen F. K., ÇANKAYA M., Gul V., ALTUNER D., ŞENOL O., KADIOĞLU Y., MALKOÇ İ., et al.  
EXPERIMENTAL ANIMALS, vol.67, no.2, pp.259-269, 2018 (SCI-Expanded)
- IV. **The Effect of Esomeprazole on Postoperative Pain and Lung and Heart Complications in Rats**  
ONK D., COŞKUN R., ONK O. A., KESKİN ÇİMEN F., KURT N., SÜLEYMAN B., MAMMADOV R., ALTUNER D., Gul V., MALKOÇ İ., et al.  
LATIN AMERICAN JOURNAL OF PHARMACY, vol.37, no.6, pp.1182-1191, 2018 (SCI-Expanded)
- V. **Effect of Hippophae rhamnoides Extract on Oxidative Oropharyngeal Mucosal Damage Induced in Rats Using Methotrexate**  
ERHAN E., TERZİ S., ÇELİKER M., YARALI O., ÇANKAYA M., Cimen F. K., MALKOÇ İ., SÜLEYMAN B.  
CLINICAL AND EXPERIMENTAL OTORHINOLARYNGOLOGY, vol.10, no.2, pp.181-187, 2017 (SCI-Expanded)
- VI. **Effect of sheep tail fat on the knee joint cartilage injury induced in rats with formalin**  
Cimen F. K., KOÇKARA N., Turkoglu M., Dundar C., Cetin N., SÜLEYMAN B., Coban A., Yarali O., MALKOÇ İ., SÜLEYMAN H.  
INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE, vol.10, no.5, pp.7573-7581, 2017 (SCI-Expanded)
- VII. **Effect of Thiamine Pyrophosphate on Oxidative Damage to the Oropharyngeal, Nasal and Cochlear Tissues Induced by Doxorubicin in Guinea Pigs**  
ERHAN E., TURAN F., TERZİ S., ÇELİKER M., MAMMADOV R., MALKOÇ İ., KUKULA O., ÇANKAYA M.  
LATIN AMERICAN JOURNAL OF PHARMACY, vol.36, no.6, pp.1115-1122, 2017 (SCI-Expanded)
- VIII. **Effect of Kineret (R) on ovarian ischemia reperfusion injury in a rat model**  
Nayki U. A., NAYKI C., Cetin N., Cimen F. K., Coban A., MAMMADOV R., Tas I. H., MALKOÇ İ.  
JOURNAL OF OBSTETRICS AND GYNAECOLOGY RESEARCH, vol.42, no.11, pp.1525-1533, 2016 (SCI-Expanded)
- IX. **The Impact of Resveratrol on Oxidative Stress Induced by Methotrexate in Rat Ileum Tissue: Evaluation of Biochemical and Histopathological Features and Analysis of Gene Expression**  
ÖZÇİÇEK A., ÇETİN N., Cimen F. K., TÜMKAYA L., MALKOÇ İ., GÜLABOĞLU M., YARALI O., SÜLEYMAN B.  
MEDICAL PRINCIPLES AND PRACTICE, vol.25, no.2, pp.181-186, 2016 (SCI-Expanded)
- X. **The Effect of Estrogen Treatment on Eccentric Exercise-Induced Damage in Rat Kidneys**  
Gerek Z., MALKOÇ İ., Parlak S. N.  
KAFKAS UNIVERSITESI VETERİNER FAKÜLTESİ DERGİSİ, vol.22, no.1, pp.119-125, 2016 (SCI-Expanded)
- XI. **Anatomy of the Anterior Deep Temporal Nerve Implications for Neurotization in Blinking**

## **Restoration in Facial Paralysis**

KARAGÖZ H., ÖZTÜRK S., Malkoc I., Diyarbakir S., DEMİRKAN F.

ANNALS OF PLASTIC SURGERY, vol.75, no.3, pp.316-318, 2015 (SCI-Expanded)

- XII. **The protective effects of beta-carotene against ischemia/reperfusion injury in rat ovarian tissue**  
Karamese S. A., Toktay E., Unal D., Selli J., Karamese M., MALKOÇ İ.  
ACTA HISTOCHEMICA, vol.117, no.8, pp.790-797, 2015 (SCI-Expanded)
- XIII. **The relationship between estrogen receptors and microtubule dynamics in post-menopausal rat brain**  
Selina A. K., Murat K., Emre K., MALKOÇ İ., Bunyami U., Cemal G.  
ACTA HISTOCHEMICA, vol.117, no.8, pp.747-751, 2015 (SCI-Expanded)
- XIV. **A comparative investigation of the nephrotoxic effects of various antihypertensive drugs in rats: Biochemical and histopathological analysis**  
MALKOÇ İ., ALTUNKAYNAK K., TURAN M. I., Gursan N., HACIMÜFTÜOĞLU A., Akcay F., ÜÇÜNCÜ Y., Suleyman H.  
Acta Medica Mediterranea, vol.30, no.2, pp.515-521, 2014 (SCI-Expanded)
- XV. **Handedness related differences in bone mineral density in patients with osteoporosis**  
MALKOÇ İ., Dane S., KARATAY S., UZKESER H., SARUHAN Z., Yildirim K.  
Neurology Psychiatry and Brain Research, vol.19, no.2, pp.64-66, 2013 (SCI-Expanded)
- XVI. **Comparative review of biochemistry and cell anatomy of the hepatic tissue in rats administered some anti hypertensive drug for a long time**  
MALKOÇ İ., CETIN N., Altuner D., HACIMÜFTÜOĞLU A., Gursan N., BAKAN E., Akcay F., Suleyman H.  
Latin American Journal of Pharmacy, vol.31, no.4, pp.537-544, 2012 (SCI-Expanded)
- XVII. **Anatomical evaluation of the dorsal ulnar artery**  
MALKOÇ İ., Karagoz H., Alp B. F., GÜNDOĞDU C., DİYARBAKIR S.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.42, no.1, pp.167-171, 2012 (SCI-Expanded)
- XVIII. **Height, Weight and Body Mass Index Percentiles of Children Aged 6-14 Years Living at Moderate Altitudes**  
MALKOÇ İ., MAZICIOĞLU M. M., ÖZKAN B., KONDOLOT M., Kurtoglu S., Yesilyurt H.  
JOURNAL OF CLINICAL RESEARCH IN PEDIATRIC ENDOCRINOLOGY, vol.4, no.1, pp.14-20, 2012 (SCI-Expanded)
- XIX. **The Effects of Testosterone on Intestinal Ischemia/Reperfusion in Rats**  
Albayrak Y., HALICI Z., Odabasoglu F., Unal D., KELEŞ O. N., MALKOÇ İ., Oral A., YAYLA M., Aydin O., Unal B.  
JOURNAL OF INVESTIGATIVE SURGERY, vol.24, no.6, pp.283-291, 2011 (SCI-Expanded)
- XX. **Number of axons in the right and left optic nerves of right-pawed and left-pawed rats: a stereologic study.**  
YAZICI A. G., MALKOÇ İ., ALTUNKAYNAK B., ERDOĞAN A., Aydin M. D., DANE S., CAN S., GUMUSTEKIN K., UNAL B.  
Analytical and quantitative cytology and histology, vol.31, pp.177-83, 2009 (SCI-Expanded)
- XXI. **Intrarenal Segmentation of the Renal Arteries in the Kangal Dog**  
Özdemir D., Ozudogru Z., Malkoç İ.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.15, pp.41-44, 2009 (SCI-Expanded)
- XXII. **The effects of extracorporeal shock wave lithotripsy on antioxidant enzymes in erythrocytes**  
Aksoy Y., Malkoc I., ATMACA A. F., Aksoy H., ALTINKAYNAK K., Akcay F.  
CELL BIOCHEMISTRY AND FUNCTION, vol.24, no.5, pp.467-469, 2006 (SCI-Expanded)
- XXIII. **Effects of endurance training on antioxidant defense mechanisms and lipid peroxidation in testis of rats**  
AKSOY Y., YAPANOĞLU T., Aksoy H., Demircan B., Öztaşan N., Çanakçı E., MALKOÇ İ.  
Archives of Andrology, vol.52, no.4, pp.319-323, 2006 (SCI-Expanded)
- XXIV. **Determination of Brain Volumes Using Quantitative MR Imaging in Patients with Multiple Sclerosis.**  
ALPER F., GUNDOĞDU C., VAROĞLU A., Kantarci M., BULUCU Z., MALKOC I., UNAL B.  
The neuroradiology journal, vol.19, pp.283-8, 2006 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Bullet Migration from Fascial Space of Femoral Vein to Common Iliac Vein Bifurcation**  
ŞENER M. T., Kara C., MALKOÇ İ., LEVENT A., KÖK A. N.  
JOURNAL OF EMERGENCY MEDICINE CASE REPORTS, vol.8, no.4, pp.73-75, 2017 (ESCI)
- II. **Should orthopedic surgeons consider the effects of gabapentin administration on bone healing while treating a long bone fracture: experimental study in a rat model**  
SOFU H., KOÇKARA N., Aydın B. K., SÜLEYMAN B., TAYFUR M., MALKOÇ İ.  
SICOT-J, vol.2, 2016 (ESCI)
- III. **Are new generations getting bigger in size? anthropometric measurements in Erzurum Yeni nesiller giderek daha İri yapılı mı oluyor? antropometrik ölçümlerin güncellenmesi Üzerine bir araştırma**  
MALKOÇ İ., KAYA M. D., ERDOĞAN O., KARA A., YEŞİLYURT H., ÖZKAN B.  
Eurasian Journal of Medicine, vol.46, no.3, pp.192-197, 2014 (ESCI)
- IV. **Age Related Changes in Height and Shape of The Lumbar Intervertebral Discus**  
MALKOÇ İ., AYDINLIOĞLU A., ALPER F., KACIROĞLU F., YÜKSEL Y., YÜKSEL R., KARA A., DANE Ş., TOKTAŞ M.  
Eur J Basic Med Sci, vol.2, pp.68-73, 2012 (Peer-Reviewed Journal)
- V. **A Stereological and Electron Microscopic Study of the Development of the Nephron in Prenatal and Postnatal Rats Prenatal ve Postnatal Ratlarda Nefronun Gelişimi Üzerine Elektron Mikroskopik ve Stereolojik bir Çalışma**  
ŞİMŞEK N., ALTUNKAYNAK B. Z., ÜNAL D., CAN S., MALKOÇ İ., ÜNAL B.  
Eurasian J Med, vol.41, pp.84-90, 2009 (Peer-Reviewed Journal)
- VI. **İnsan Kurt ve Kartal Bulbus Oculi Çaplarının Karşılaştırılması The Comparison of the Diameters of the Human Wolf and Eagle Bulbus Oculi**  
MALKOÇ İ., ERDOĞAN A.  
Eurasian J Med, vol.39, pp.115-118, 2007 (Peer-Reviewed Journal)
- VII. **Göz Küresinin Tabakaları Anatomik ve Histolojik Bir Derleme Layers of the Bulbus Oculi An Anatomic and Histological Review**  
MALKOÇ İ.  
Eurasian J Med, vol.38, pp.124-129, 2006 (Peer-Reviewed Journal)
- VIII. **Boy Kısallıkları**  
MALKOÇ İ.  
Van Tıp Dergisi, vol.13, pp.67-70, 2006 (Peer-Reviewed Journal)
- IX. **Meme Radyolojisi**  
METE Ö., MALKOÇ İ.  
Erzurum Tıp Dergisi, vol.1, pp.38-45, 2005 (Non Peer-Reviewed Journal)
- X. **Histerektomi Materyallerimizin İrdelenmesi**  
KURT A., EŞREF K., DUDU S. K., MALKOÇ İ.  
Erzurum Tıp Dergisi, vol.1, pp.46-52, 2005 (Non Peer-Reviewed Journal)
- XI. **Appendix Vermiformis**  
MALKOÇ İ.  
Erzurum Tıp Dergisi, vol.1, pp.25-27, 2005 (Non Peer-Reviewed Journal)
- XII. **Acil Radyoloji**  
METE Ö., MALKOÇ İ.  
Erzurum Tıp Dergisi, vol.1, pp.18-24, 2005 (Non Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Ünite 14. Duyu Organları (Kulak)**  
MALKOÇ İ.  
in: Temel Anatomi, SAMİH DİYARBAKIR, Editor, Atatürk Üniversitesi Açıköğretim Fakültesi, 2018

## Refereed Congress / Symposium Publications in Proceedings

- I. **Intrarenal Segmentation of the Renal Arteries in the Kangal Dog**  
ÖZDEMİR D., ÖZÜDOĞRU Z., MALKOÇ İ.  
1st International Veterinary Anatomy Congress of Turkey, 13 - 16 September 2017
- II. **Trifurcation of the Arteria Hepatica Communis**  
KARA A., KARACA L., KARA M., KANTARCI A., MALKOÇ İ., KAPAKIN S.  
ANATOMİ GÜNLERİ 2014, Turkey, 20 - 22 February 2014
- III. **HANDEDNESS RELATED DIFFERENCES IN BONE MINERAL DENSITY IN PATIENTS WITH OSTEOPOROSIS**  
MALKOÇ İ., Dane S., Karatay S., Saruhan Z., Uzkeser H., YILDIRIM K.  
1st IOF-ESCEO Pre-Clinical Symposium, Valencia, Spain, 23 - 26 March 2011, vol.22, pp.224
- IV. **A research on updating of anthropometric measurements**  
KAYA M. D., MALKOÇ İ., ERDOĞAN o., KARA a., YEŞİLYURT h.  
First International Symposium on Sustainable Development ISSD'xx09, Saray Bosna, 9 - 10 June 2009, pp.189-193
- V. **THE VOLUME ESTIMATION OF BRAIN AND CEREBELLUM WITH GENDER, IN 3ND DECADE: A STEREOLOGICAL STUDY**  
KELEŞ O. N., MALKOÇ İ., ALBAYRAK M., ALPER F., DİYARBAKIR S., ÜNAL B.  
11. Ulusal Anatomi Kongresi, Turkey, 25 - 29 October 2007
- VI. **VOLUMES ESTIMATION OF BRAIN AND LATERAL VENTRICLE USING CAVALIERI METHODS IN 3ND DECADE**  
MALKOÇ İ., KELEŞ O. N., KALKAN Y., ALBAYRAK M., ALPER F., ÜNAL B.  
11. Ulusal Anatomi Kongresi, Turkey, 25 - 29 October 2007
- VII. **2 Dekatta MR Görüntüleri Üzerinde Beyin ve Lateral Ventrikül Hacminin Hesaplanması**  
MALKOÇ İ., KELEŞ O. N., TOPAL A., ALPER F., ÜNAL B.  
11. Ulusal Anatomi Kongresi, Turkey, 25 - 29 October 2007
- VIII. **2 Dekatta MR Görüntüleri Üzerinde Stereoloji Kullanarak Beyin ve Beyincik Hacminin Hesaplanması**  
KELEŞ O. N., MALKOÇ İ., TOPAL A., ALPER F., ÜNAL B.  
11. Ulusal Anatomi Kongresi, Turkey, 25 - 29 October 2007

## Activities in Scientific Journals

Clinical Journal of Surgery, Editor, 2019 - Continues

EAJM, Advisory Committee Member, 2007 - 2018

## Metrics

Publication: 47

Citation (WoS): 168

Citation (Scopus): 129

H-Index (WoS): 8

H-Index (Scopus): 6