

## Prof. FEZA KORKUSUZ

### Personal Information

Office Phone: [+90 312 297 6464](tel:+903122976464)

Office Phone: [+90 312 305 1347](tel:+903123051347)

Fax Phone: [+90 312 297 6174](tel:+903122976174)

Email: [feza.korkusuz@hacettepe.edu.tr](mailto:feza.korkusuz@hacettepe.edu.tr)

Web: <https://avesis.hacettepe.edu.tr/feza.korkusuz>

Address: Hacettepe Üniversitesi Tıp Fakültesi Spor Hekimliği ABD Altındağ-ANKARA

### International Researcher IDs

ORCID: 0000-0001-9486-3541

ScopusID: 7003845679

Yoksis Researcher ID: 7792

### Education Information

Expertise In Medicine, Gazi University, Tıp Fakültesi, Ortopedi Ve Travmatoloji Ad, Turkey 1987 - 1992

Undergraduate, Ankara University, Tıp Fakültesi, Turkey 1980 - 1986

### Research Areas

Medicine, Health Sciences, Surgery Medicine Sciences, Orthopedics and Traumatology

### Academic Titles / Tasks

Professor, Hacettepe University, Tıp Fakültesi (İngilizce), Dahili Tıp Bilimleri Bölümü, 2011 - Continues

### Academic and Administrative Experience

Hacettepe Üniversitesi, Tıp Fakültesi (İngilizce), Dahili Tıp Bilimleri Bölümü, 2014 - Continues

Hacettepe Üniversitesi, Beytepe Tıp Fakültesi, 2014 - 2017

### Courses

Biyomühendislik İmplantlar, Undergraduate, 2016 - 2017

Sports Medicine Frequent Acute Injuries , Undergraduate, 2016 - 2017

Sports Medicine Spine Injuries, Undergraduate, 2016 - 2017

### Advising Theses

KORKUSUZ F., Gelişimsel kalça displazili kemiğin sonlu elemanlar analizi ve normal kemikle karşılaştırılması, Postgraduate, B.TANRIVERDİ(Student), 2017

KORKUSUZ F., SAĞLAM N., Elektrosin tekniđi ile nHAp/jelatin/antikanserojen ieren nanofibril retimi, karakterizasyonu ve hcre uyumunun arařtırılması, Postgraduate, E.EML(Student), 2016

KORKUSUZ F., Analysis of the effects of vancomycin containing bioceramic/polymer composites on biofilm prevention, biocompatibility and osteogenic modification of mesenchymal stem cells, Doctorate, B.KANKILI(Student), 2015

KORKUSUZ F., Bor ieren nano hidroksiapatit seramiklerin insan kaynaklı mezenkimal kk hcreler ile etkileřimi ve osteoporozlu tavřan uzun kemiklerine etkileri, Postgraduate, E.İFTİ(Student), 2015

KORKUSUZ F., Investigation of the use of the arms in recovering from postural perturbations, Doctorate, E.AK(Student), 2014

KORKUSUZ F., Effects of muscle fatigue on shooting accuracy in handball players, Doctorate, B.řİMřEK(Student), 2012

KORKUSUZ F., Effects of swiss ball training on knee joint reposition sense, core strength and dynamic balance in sedentary collegiate students, Doctorate, M.CUĐ(Student), 2012

KORKUSUZ F., 3D kinematic analysis of three different punches in amateur boxing, Doctorate, S.DZ(Student), 2011

KORKUSUZ F., The effect of strontium-containing silicon-doped hydroxyapatite ceramics on bone defect healing, Doctorate, G.KERMAN(Student), 2011

KORKUSUZ F., The effect of different impact exercise training on deformational behavior and functional adaptation of articular cartilage, Doctorate, .ELİK(Student), 2010

KORKUSUZ F., Four weeks of respiratory muscle training improves intermittent recovery performance but not pulmonary functions and maximum oxygen consumption (vo2 max) capacity in young soccer players, Postgraduate, C.ZGİDER(Student), 2010

KORKUSUZ F., Acute effects of local vibration on muscle performance at different durations and frequencies, Doctorate, A.YILDIRIM(Student), 2010

KORKUSUZ F., Qualitative and philosophical enquiry of aikido participants from different levels, conceptualization of aikido as different from other sports: mind and body perspectives, Doctorate, B.řENTUNA(Student), 2010

KORKUSUZ F., KORKUSUZ P., Role of TNF-alpha in skeletal muscle atrophy in ovariectomized rats: An experimental functional, histological and molecular biology study, Postgraduate, S.DAĐDEVİREN(Student), 2010

KORKUSUZ F., Vancomycin containing Plla delivery system for bone tissue biocompatibility and treatment of implant related chronic osteomyelitis, Postgraduate, B.UYSAL(Student), 2009

KORKUSUZ F., The effects of rhythm training on tennis performance, Doctorate, M.SĐT(Student), 2009

KORKUSUZ F., Vibration transmission to bicycle and rider: A field and a laboratory study, Doctorate, P.ARPINAR(Student), 2009

KORKUSUZ F., Human tibial bone strength prediction by vibration analysis for diagnosing progressing osteoporosis, Postgraduate, B.BEDİZ(Student), 2009

KORKUSUZ F., Fatigue does not affect the kinematics of free throw shooting in basketball, Postgraduate, M.UYGUR(Student), 2009

KORKUSUZ F., Pilates exercise positively affects balance, reaction time, muscle strength, number of falls and psychological parameters in 65+ years old women, Doctorate, G.BABAYİĐİT(Student), 2009

KORKUSUZ F., Exercise induced endocannabinoid and immune system alterations, Doctorate, R.HRREM(Student), 2009

KORKUSUZ F., Effects of eccentric hamstring training on lower extremity strength & landing kinetics in female recreational athletes, Doctorate, Y.SALCI(Student), 2008

KORKUSUZ F., The analysis of auditory evoked brain potentials in recurve archery, Doctorate, H.ERTAN(Student), 2007

KORKUSUZ F., Effects of scuba diving on middle ear pressure, Postgraduate, D.ZYURT(Student), 2006

KORKUSUZ F., Shoulder proprioception in male tennis players between ages 14-16, Postgraduate, A.BOYAR(Student), 2006

KORKUSUZ F., Determine the effects of long term playing soccer on the degeneration of lumbar spine, Postgraduate, .SERDAL(Student), 2006

KORKUSUZ F., Effects of a 5-week nordic Hamstring strength training on 10-12 years old male basketball players, Postgraduate, R.BARAN(Student), 2006

KORKUSUZ F., Vibration analysis in the diagnosis of bone mineral density in healthy and osteopenic radius bone and its correlation to muscle strength, Postgraduate, R.HRREM(Student), 2004

KORKUSUZ F., Effects of neuropeptide Y(NPY) on bone metabolism as a neuromediator, Postgraduate, M.ZGR(Student), 2004

KORKUSUZ F., Effects different joint positions, rotator cuff muscle fatigue and experience on shoulder proprioceptive sense among male volleyball players, Postgraduate, N.KABLAN(Student), 2004

KORKUSUZ F., Accuracy in body composition assessment with three different methods compared to dexa, Postgraduate, S.DÜZ(Student), 2003

KORKUSUZ F., Biodegradable bone plates and bone marrow extract loaded microcapsules in bone repair, Postgraduate, S.COŞKUN(Student), 2002

KORKUSUZ F., Comparison of landing maneuvers between male and female volleyball players, Postgraduate, Y.SALCI(Student), 2002

KORKUSUZ F., Bone tissue generation on biodegradable polymeric scaffold, Doctorate, G.TORUN(Student), 2002

KORKUSUZ F., Reliability and validity of Modified Conconi Test on rowing ergometers, Postgraduate, Ö.ÇELİK(Student), 2002

KORKUSUZ F., Formulation and biomechanical evaluation of bone cements, Doctorate, K.ŞERBETÇİ(Student), 2001

KORKUSUZ F., Reliability and validity testing of archery chronometer and analysis of forearm muscles in the drawing hand by use of EMG in Turkish archers, Postgraduate, H.ERTAN(Student), 2001

KORKUSUZ F., A Comparison of bone mineral density of female basketball players and sedentary females, Postgraduate, A.SİNEM(Student), 2000

KORKUSUZ F., Blood lactate removal in active, intermittent stretching, intermittent massage and 30 minutes massage periods following supramaximal exercise sessions in physical education and sports students, Postgraduate, H.DÜLGER(Student), 2000

KORKUSUZ F., Comparison of the oarsmen kneejoint isokinetic parameters at the velocities of 60, 180 and 240 deg/sec between the dominant sides, flexion and extension directions and pre and post competitive seasons, Postgraduate, E.AĞAŞÇIOĞLU(Student), 2000

KORKUSUZ F., Changes in mood states and brain biochemicals after aerobic exercise: Preliminary on functional magnetic resonance spectroscopy, Postgraduate, E.FEVZİ(Student), 2000

KORKUSUZ F., Effects of resistance training on female sex hormones, Postgraduate, F.NEŞE(Student), 2000

KORKUSUZ F., Comparison of bone mineral density of ex-elite volleyball players and sedentary women at the age of 40 and over, Postgraduate, N.KÜÇÜKKUBAŞ(Student), 1999

KORKUSUZ F., Effects of sports school activities on physical, physiological and motor parameters of male children between the ages 7 and 14, Postgraduate, C.AKALAN(Student), 1998

KORKUSUZ F., Determination of the selected physical and physiological characteristics of the Turkish female soccer players, Postgraduate, A.TİMUR(Student), 1998

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

- I. **Comparative analysis of magnetically activated cell sorting and ultracentrifugation methods for exosome isolation**  
Ciftci E., Bozbeyoglu N., Gursel I., KORKUSUZ F., Bakan Misirlioglu F., KORKUSUZ P.  
PloS one, vol.18, no.2, 2023 (SCI-Expanded)
- II. **Plasma irisin and metabolomic response differ between concentric and isometric exercise Effets différents de l'exercice concentrique et de l'exercice isométrique sur l'irisine plasmatique et la réponse métabolomique**  
KARA Ö. S., ERCAN A., ÇELEBİER M., KAPLAN O., ÖNCÜL S., KORKUSUZ F.  
Science and Sports, vol.37, no.7, pp.610-617, 2022 (SCI-Expanded)
- III. **Evaluation of stoppage time due to field injuries in professional football games: do players really need medical help so often?**  
DÖNMEZ G., TORĞUTALP Ş. Ş., ÖZKAN Ö., İLİCEPINAR Ö. F., KORKUSUZ F., Kudas S.  
RESEARCH IN SPORTS MEDICINE, vol.30, no.6, pp.593-602, 2022 (SCI-Expanded)
- IV. **Autologous Adipose-Derived Tissue Stromal Vascular Fraction (AD-tSVF) for Knee Osteoarthritis**  
VARGEL İ., Tuncel A., Baysal N., HARTUÇ ÇEVİK İ., KORKUSUZ F.  
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.23, no.21, 2022 (SCI-Expanded)

- V. **Vancomycin Containing PDLLA and PLGA/beta-TCP Inhibit Biofilm Formation but Do Not Stimulate Osteogenic Transformation of Human Mesenchymal Stem Cells**  
Kankilic B, Bayramli E, KORKUSUZ P, EROĞLU H, ŞENER B, MUTLU P, KORKUSUZ F.  
FRONTIERS IN SURGERY, vol.9, 2022 (SCI-Expanded)
- VI. **Titanium based bone implants production using laser powder bed fusion technology**  
Depboylu F. N., YASA E., Poyraz O., Minguella-Canela J., KORKUSUZ F., De los Santos Lopez M. A.  
JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, vol.17, pp.1408-1426, 2022 (SCI-Expanded)
- VII. **Operative treatment in non-emergency sports injuries: a sports medicine clinic experience**  
Kara Ö. S., Torgutalp S. S., TURHAN E., Dönmez G., KORKUSUZ F.  
Physician and Sportsmedicine, 2022 (SCI-Expanded)
- VIII. **ABDOMINAL SUBCUTANEOUS FAT THICKNESS MEASURED BY ULTRASOUND AS A PREDICTOR OF TOTAL FAT MASS IN YOUNG- AND MIDDLE-AGED ADULTS**  
Torgutalp S. S., Korkusuz F.  
ACTA ENDOCRINOLOGICA-BUCHAREST, vol.18, no.1, pp.58-63, 2022 (SCI-Expanded)
- IX. **Mean femoral cartilage thickness is higher in athletes as compared with sedentary individuals**  
Babayeva N., DÖNMEZ G., ÖZÇAKAR L., Torgutalp S. S., KARAÇOBAN L., Gedik E., KORKUSUZ F., Doral M. N.  
KNEE SURGERY SPORTS TRAUMATOLOGY ARTHROSCOPY, vol.29, no.4, pp.1206-1214, 2021 (SCI-Expanded)
- X. **Do Plantar Pressure and Loading Patterns Vary with Joint Hypermobility in Young Females?**  
TORĞUTALP Ş. Ş., Babayeva N., ÖZKAN Ö., Yılmaz S., DÖNMEZ G., KORKUSUZ F.  
JOURNAL OF THE AMERICAN PODIATRIC MEDICAL ASSOCIATION, vol.111, no.1, 2021 (SCI-Expanded)
- XI. **Pain during walking and ascending stairs before hyaluronic acid injection was common in patients with knee osteoarthritis: a qualitative study**  
ÖZKAN Ö., Babayeva N., TORĞUTALP Ş. Ş., KARA Ö. S., DÖNMEZ G., KORKUSUZ F.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.51, no.2, pp.693-699, 2021 (SCI-Expanded)
- XII. **Volume and T2 relaxation time measurements of quadriceps femoris and hamstring muscles are reliable and reproducible**  
Torgutalp S. S., ÖZKAN Ö., PARLAK Ş., Oğuz K. K., KORKUSUZ F.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.51, no.4, pp.2007-2014, 2021 (SCI-Expanded)
- XIII. **BLOCK SLOPE IS THE MAIN DETERMINANT OF BLOCK PHASE PERFORMANCE IN SWIMMING**  
ÖDEK U., KORKUSUZ F., KİRAZCI S.  
REVISTA BRASILEIRA DE MEDICINA DO ESPORTE, vol.27, no.1, pp.30-35, 2021 (SCI-Expanded)
- XIV. **Dual X-ray Absorptiometry Can Predict Total and Regional Body Fat Percentage: A Comparative Study With Skinfold Thickness and Body Mass Index For Adult Women**  
Kucukkubas N., KORKUSUZ F.  
PROGRESS IN NUTRITION, vol.22, no.3, 2020 (SCI-Expanded)
- XV. **Biological Responses of Ceramic Bone Spacers Produced by Green Processing of Additively Manufactured Thin Meshes**  
Minguella-Canela J., Antonio Calero J., KORKUSUZ F., KORKUSUZ P., Kankilic B., BİLGİÇ E., Antonia De los Santos-Lopez M.  
MATERIALS, vol.13, no.11, 2020 (SCI-Expanded)
- XVI. **Effects of hyperlipidemia on patellar tendon stiffness: A shear wave elastography study**  
Torgutalp S. S., Babayeva N., Tas S., DÖNMEZ G., KORKUSUZ F.  
CLINICAL BIOMECHANICS, vol.75, 2020 (SCI-Expanded)
- XVII. **Knee muscle and tendon stiffness in professional soccer players: a shear-wave elastography study**  
Tas S., ÖZKAN Ö., KARAÇOBAN L., DÖNMEZ G., ÇETİN A., KORKUSUZ F.  
JOURNAL OF SPORTS MEDICINE AND PHYSICAL FITNESS, vol.60, no.2, pp.276-281, 2020 (SCI-Expanded)
- XVIII. **Baicalein Nanofiber Scaffold Containing Hyaluronic Acid and Polyvinyl Alcohol: Preparation and Evaluation**  
Bachimam K., Emul E., SAĞLAM N., KORKUSUZ F.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.50, no.4, pp.1139-1146, 2020 (SCI-Expanded)
- XIX. **BMP and TGF beta use and release in bone regeneration**

- Bal Z., Kushioka J., Kodama J., Kaito T., Yoshikawa H., KORKUSUZ P., KORKUSUZ F.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.50, pp.1707-1722, 2020 (SCI-Expanded)
- XX. **Neuropeptide Y1 receptor antagonist but not neuropeptide Y itself increased bone mineral density when locally injected with hyaluronic acid in male Wistar rats**  
Cevik M. O., KORKUSUZ P., KORKUSUZ F.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.50, no.5, pp.1454-1460, 2020 (SCI-Expanded)
- XXI. **Thirty Minutes of Running Exercise Decreases T2 Signal Intensity but Not Thickness of the Knee Joint Cartilage: A 3.0-T Magnetic Resonance Imaging Study.**  
Karanfil Y., Babayeva N., Dönmez G., Diren H., Eryilmaz M., Doral M., Korkusuz F.  
Cartilage, vol.10, pp.444-450, 2019 (SCI-Expanded)
- XXII. **What happens to bone mineral density, strength and body composition of ex-elite female volleyball players: A cross sectional study**  
Kucukkubas N., Korkusuz F.  
SCIENCE & SPORTS, vol.34, no.4, 2019 (SCI-Expanded)
- XXIII. **Development, characterization and research of efficacy on in vitro cell culture of glucosamine carrying hyaluronic acid nanoparticles**  
Şahin Ş., BİLGİÇ E., Salimi K., Tuncel A., KARAOSMANOĞLU B., Taşkıran E. Z., KORKUSUZ P., KORKUSUZ F.  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.52, pp.393-402, 2019 (SCI-Expanded)
- XXIV. **In Vitro Assessment of Bioactive Glass Coatings on Alumina/Zirconia Composite Implants for Potential Use in Prosthetic Applications**  
Baino F., Minguella-Canela J., KORKUSUZ F., KORKUSUZ P., Kankilic B., Angeles Montealegre M., Antonia De los Santos-Lopez M., Vitale-Brovarone C.  
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.20, no.3, 2019 (SCI-Expanded)
- XXV. **Skeletal muscle fatigue does not affect shooting accuracy of handball players**  
Akyuz B., ARPINAR AVŞAR P., Bilge M., DELİCEOĞLU G., KORKUSUZ F.  
ISOKINETICS AND EXERCISE SCIENCE, vol.27, no.4, pp.253-259, 2019 (SCI-Expanded)
- XXVI. **Recent Advancements and New Perspectives of Nanomaterials**  
Emul E., AŞIK M. D., AKÇAN R., Kose K., UZUN L., Sağlam S., KORKUSUZ F., SAĞLAM N.  
PLANT NANOBIONICS, VOL 1: ADVANCES IN THE UNDERSTANDING OF NANOMATERIALS RESEARCH AND APPLICATIONS, pp.1-32, 2019 (SCI-Expanded)
- XXVII. **Neck Muscle Stiffness in Participants With and Without Chronic Neck Pain: A Shear-Wave Elastography Study**  
Tas S., KORKUSUZ F., ERDEN Z.  
JOURNAL OF MANIPULATIVE AND PHYSIOLOGICAL THERAPEUTICS, vol.41, no.7, pp.580-588, 2018 (SCI-Expanded)
- XXVIII. **Morphological and mechanical properties of plantar fascia and intrinsic foot muscles in individuals with and without flat foot**  
Tas S., Unluer N. O., KORKUSUZ F.  
JOURNAL OF ORTHOPAEDIC SURGERY, vol.26, no.3, 2018 (SCI-Expanded)
- XXIX. **Injuries Among Recreational Football Players: Results of a Prospective Cohort Study**  
DÖNMEZ G., KORKUSUZ F., ÖZÇAKAR L., Karanfil Y., Dursun E., KUDAŞ S., Doral M. N.  
CLINICAL JOURNAL OF SPORT MEDICINE, vol.28, no.3, pp.249-254, 2018 (SCI-Expanded)
- XXX. **The use of a proximal femoral nail as a hip prosthesis: A biomechanical analysis of a newly designed implant**  
Konya M. N., KORKUSUZ F., Maralcan G., Demir T., Aslan A.  
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART H-JOURNAL OF ENGINEERING IN MEDICINE, vol.232, no.2, pp.200-206, 2018 (SCI-Expanded)
- XXXI. **Treatment of implant-related methicillin-resistant Staphylococcus aureus osteomyelitis with vancomycin-loaded VK100 silicone cement: An experimental study in rats**  
Neyisci C., Erdem Y., Bilekli A. B., Demiralp B., Kose O., Bek D., KORKUSUZ F., Kankilic B.  
JOURNAL OF ORTHOPAEDIC SURGERY, vol.26, no.1, 2018 (SCI-Expanded)

- XXXII. **Stem Cell and Advanced Nano Bioceramic Interactions**  
Kose S., Kankilic B., GİZER M., Dede E. C., Bayramli E., KORKUSUZ P., KORKUSUZ F.  
NOVEL BIOMATERIALS FOR REGENERATIVE MEDICINE, vol.1077, pp.317-342, 2018 (SCI-Expanded)
- XXXIII. **Effects of Body Mass Index on Mechanical Properties of the Plantar Fascia and Heel Pad in Asymptomatic Participants**  
TAŞ S., BEK N., ONUR M. R., KORKUSUZ F.  
FOOT & ANKLE INTERNATIONAL, vol.38, no.7, pp.779-784, 2017 (SCI-Expanded)
- XXXIV. **Shear Wave Elastography Is a Reliable and Repeatable Method for Measuring the Elastic Modulus of the Rectus Femoris Muscle and Patellar Tendon**  
TAŞ S., ONUR M. R., YILMAZ S., SOYLU A. R., KORKUSUZ F.  
JOURNAL OF ULTRASOUND IN MEDICINE, vol.36, no.3, pp.565-570, 2017 (SCI-Expanded)
- XXXV. **Chitosan nanoparticles enhances the anti-quorum sensing activity of kaempferol**  
İLK S., SAĞLAM N., ÖZGEN M., KORKUSUZ F.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.94, pp.653-662, 2017 (SCI-Expanded)
- XXXVI. **Meloxicam and diclofenac do not change VEGF and PDGF-AB serum levels of platelet-rich plasma**  
Utku B., DÖNMEZ G., Erisgen G., AKIN Ş., Demirel H. A., KORKUSUZ F., Doral M. N.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.47, no.2, pp.570-576, 2017 (SCI-Expanded)
- XXXVII. **Patellar tendon mechanical properties change with gender, body mass index and quadriceps femoris muscle strength**  
TAŞ S., YILMAZ S., ONUR M. R., SOYLU A. R., ALTUNTAŞ O., KORKUSUZ F.  
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.51, no.1, pp.54-59, 2017 (SCI-Expanded)
- XXXVIII. **Hamstring Injury After Swimming in a Patient With Multiple Hereditary Osteochondromatosis**  
DÖNMEZ G., ÖZÇAKAR L., KORKUSUZ F.  
CLINICAL JOURNAL OF SPORT MEDICINE, vol.26, no.5, 2016 (SCI-Expanded)
- XXXIX. **Characterization of Electrospun Nanofibrous Scaffolds for Nanobiomedical Applications**  
EMÜL E., Sağlam S., Ates H., Korkusuz F., SAĞLAM N.  
JOURNAL OF ELECTRONIC MATERIALS, vol.45, no.8, pp.3835-3841, 2016 (SCI-Expanded)
- XL. **Novel full-ceramic monoblock acetabular cup with a bioactive trabecular coating: design, fabrication and characterization**  
BAİNO F., MINGUELLA J., KIRK N., Montealegre M. A., FIASCHÍ C., KORKUSUZ F., Orlygsson G., Vitale-Brovarone C.  
CERAMICS INTERNATIONAL, vol.42, no.6, pp.6833-6845, 2016 (SCI-Expanded)
- XLI. **Mesenchymal Stem Cells and Nano-Bioceramics for Bone Regeneration**  
Kankilic B., KÖSE S., KORKUSUZ P., Timucin M., KORKUSUZ F.  
CURRENT STEM CELL RESEARCH & THERAPY, vol.11, no.6, pp.487-493, 2016 (SCI-Expanded)
- XLII. **In vitro and in vivo evaluation of doxycycline-chondroitin sulfate/PCL microspheres for intraarticular treatment of osteoarthritis**  
Aydin O., KORKUSUZ F., KORKUSUZ P., TEZCANER A., BİLGİÇ E., Yaprakci V., KESKİN D.  
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, vol.103, no.6, pp.1238-1248, 2015 (SCI-Expanded)
- XLIII. **Editorial Comment: Award Papers from Turkish Society of Orthopaedics and Traumatology 2013**  
Korkusuz F.  
CLINICAL ORTHOPAEDICS AND RELATED RESEARCH, vol.472, no.12, pp.3879, 2014 (SCI-Expanded)
- XLIV. **Vancomycin containing PLLA/beta-TCP controls experimental osteomyelitis in vivo**  
Kankilic B., BİLGİÇ E., KORKUSUZ P., KORKUSUZ F.  
JOURNAL OF ORTHOPAEDIC SURGERY AND RESEARCH, vol.9, 2014 (SCI-Expanded)
- XLV. **Prosthesis Selection**  
Diaz-Ledezma C., PARVÍZÍ J., ZHOU Y., ANTOCÍ V., DUCHEYNE P., FREIBERG A., RANGEL G. G., HAN S. B., HICKOK N., HIGUERA C., et al.  
JOURNAL OF ORTHOPAEDIC RESEARCH, vol.32, 2014 (SCI-Expanded)
- XLVI. **Nanocrystalline Apatite-Based Biomaterials and Stem Cells in Orthopaedics**  
KORKUSUZ F., Timucin M., KORKUSUZ P.

- ADVANCES IN CALCIUM PHOSPHATE BIOMATERIALS, vol.2, pp.373-390, 2014 (SCI-Expanded)
- XLVII. **Muscle strength and function of shoulders with Bankart lesion after successful arthroscopic treatment: interlimb comparison 24 months after surgery**  
TAHTA M., Aknese R., Ozberk Z. N., Coskun O. O., IŞIK C., Korkusuz F., BOZKURT M.  
ARCHIVES OF ORTHOPAEDIC AND TRAUMA SURGERY, vol.133, no.12, pp.1711-1718, 2013 (SCI-Expanded)
- XLVIII. **Editorial Comment: Nanoscience in Musculoskeletal Medicine**  
Korkusuz F.  
CLINICAL ORTHOPAEDICS AND RELATED RESEARCH, vol.471, no.8, pp.2530-2531, 2013 (SCI-Expanded)
- XLIX. **Periodontal ligament cell behavior on different titanium surfaces**  
Hakki S. S., KORKUSUZ P., PURALI N., Korkusuz F., Bozkurt B. S., Hakki E. E., ÖNDER M. T., Gorur I., NOHUTCU R. M., Timucin M., et al.  
ACTA ODONTOLOGICA SCANDINAVICA, vol.71, pp.906-916, 2013 (SCI-Expanded)
- L. **The efficacy of bioceramics for the closure of burr-holes in craniotomy: Case studies on 14 patients**  
İZCİ Y., SECER H. I., ILICA A. T., Karacalioglu O., ONGURU O., Timucin M., Korkusuz F.  
JOURNAL OF APPLIED BIOMATERIALS & FUNCTIONAL MATERIALS, vol.11, no.3, pp.187-196, 2013 (SCI-Expanded)
- LI. **Serum cartilage oligomeric matrix protein accumulation decreases significantly after 12 weeks of running but not swimming and cycling training - A randomised controlled trial**  
Celik O., Salci Y., Ak E., Kalaci A., Korkusuz F.  
KNEE, vol.20, no.1, pp.19-25, 2013 (SCI-Expanded)
- LII. **The effects of eccentric hamstring training on lower extremity strength and landing kinetics in recreational female athletes**  
Salci Y., YILDIRIM A., Celik O., Ak E., Kocak S., Korkusuz F.  
ISOKINETICS AND EXERCISE SCIENCE, vol.21, no.1, pp.11-18, 2013 (SCI-Expanded)
- LIII. **The effect of instability training on knee joint proprioception and core strength.**  
CUĞ M., AK E., OZDEMIR R., Korkusuz F., BEHM D.  
Journal of sports science & medicine, vol.11, pp.468-74, 2012 (SCI-Expanded)
- LIV. **Vancomycin Containing PLLA/beta-TCP Controls MRSA In Vitro**  
Kankilic B., Bayramli E., Kilic E., Dagdeviren S., Korkusuz F.  
CLINICAL ORTHOPAEDICS AND RELATED RESEARCH, vol.469, no.11, pp.3222-3228, 2011 (SCI-Expanded)
- LV. **EFFECTS OF SWISS-BALL CORE STRENGTH TRAINING ON STRENGTH, ENDURANCE, FLEXIBILITY, AND BALANCE IN SEDENTARY WOMEN**  
Sekendiz B., Cug M., Korkusuz F.  
JOURNAL OF STRENGTH AND CONDITIONING RESEARCH, vol.24, no.11, pp.3032-3040, 2010 (SCI-Expanded)
- LVI. **Vibration measurements predict the mechanical properties of human tibia**  
Bediz B., ÖZGÜVEN H. N., Korkusuz F.  
CLINICAL BIOMECHANICS, vol.25, no.4, pp.365-371, 2010 (SCI-Expanded)
- LVII. **Quantification of Anandamide and 2-Arachidonylglycerol in Plasma Samples: A Short, Non-toxic HPLC Method and Sample Storage**  
Ozdurak R. H., ŞEKER T., KORKUSUZ P., Korkusuz F.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.35, no.3, pp.279-284, 2010 (SCI-Expanded)
- LVIII. **Elbow but not knee joint kinematics can be assessed using photogrammetric methods during a nonstationary slap shot in ice hockey**  
GÖKTEPE A., ÖZFİDAN I., KARABORK H., KORKUSUZ F.  
Scientific Research And Essays, vol.5, pp.339-342, 2010 (SCI-Expanded)
- LIX. **Can rhBMP-2 Containing Collagen Sponges Enhance Bone Repair in Ovariectomized Rats?: A Preliminary Study**  
Sarban S., Senkoğlu A., Isikan U. E., KORKUSUZ P., Korkusuz F.  
CLINICAL ORTHOPAEDICS AND RELATED RESEARCH, vol.467, no.12, pp.3113-3120, 2009 (SCI-Expanded)
- LX. **Evaluation of body composition using three different methods compared to dual-energy X-ray absorptiometry**

Duz S., Kocak M., Korkusuz F.

EUROPEAN JOURNAL OF SPORT SCIENCE, vol.9, no.3, pp.181-190, 2009 (SCI-Expanded)

- LXI. **Joint angles during successful and unsuccessful tennis serves kinematics of tennis serve.**  
GÖKTEPE A., AK E., SÖĞÜT M., KARABORK H., KORKUSUZ F.  
Joint Diseases and Related Surgery, vol.20, pp.156-160, 2009 (SCI-Expanded)
- LXII. **Alendronate enhances antibiotic-impregnated bone grafts in the treatment of osteomyelitis**  
ÖZTÜRK A. M., TABAK A. Y., AKTEKİN C. N., ALTAY M., Erdemli E., Karahuseyinoglu S., Korkusuz F.  
INTERNATIONAL ORTHOPAEDICS, vol.32, no.6, pp.821-827, 2008 (SCI-Expanded)
- LXIII. **In vitro antibiotic release from poly 3 hydroxybutyrate co 3 hydroxyvalerate rods**  
GÜRSEL İ., YAĞMURLU F., KORKUSUZ F., HASIRCI V.  
Journal Of Microencapsulation, vol.19, pp.153-164, 2008 (SCI-Expanded)
- LXIV. **Developmental dysplasia of the hip**  
Inan M., Korkusuz F.  
CLINICAL ORTHOPAEDICS AND RELATED RESEARCH, vol.466, no.4, pp.761-762, 2008 (SCI-Expanded)
- LXV. **Diagnosis of developmental dislocation of the hip by sonospectrography**  
KAPICIOĞLU S., KORKUSUZ F.  
CLINICAL ORTHOPAEDICS AND RELATED RESEARCH, vol.466, no.4, pp.802-808, 2008 (SCI-Expanded)
- LXVI. **Bone mineral density of ancient Anatolian populations**  
GÜLTEKİN T., ÖZER İ., SAĞIR M., BAYKARA İ., YILMAZ H., GÜLEÇ E. S., KORKUSUZ F.  
EKLEM HASTALIKLARI VE CERRAHISI-JOINT DISEASES AND RELATED SURGERY, vol.19, no.3, pp.133-139, 2008 (SCI-Expanded)
- LXVII. **Early weight bearing of porous HA/TCP (60/40) ceramics in vivo: A longitudinal study in a segmental bone defect model of rabbit**  
Balcik C., Tokdemir T., Senkoylu A., Koc N., Timucin M., Akin S., Korkusuz P., Korkusuz F.  
ACTA BIOMATERIALIA, vol.3, no.6, pp.985-996, 2007 (SCI-Expanded)
- LXVIII. **Archery performance level and repeatability of event-related EMG**  
Soylu A. R., ERTAN H., KORKUSUZ F.  
HUMAN MOVEMENT SCIENCE, vol.25, no.6, pp.767-774, 2006 (SCI-Expanded)
- LXIX. **Vibration analysis of the human radius of elderly men**  
Oezdurak R. H., Sezgin O. C., AKIN S., Korkusuz F.  
CLINICAL ORTHOPAEDICS AND RELATED RESEARCH, no.443, pp.94-100, 2006 (SCI-Expanded)
- LXX. **Burden of osteoporosis**  
Atik O. S., Gunal I., Korkusuz F.  
Clinical Orthopaedics and Related Research, no.443, pp.19-24, 2006 (SCI-Expanded)
- LXXI. **Reliability and validity of the modified conconi test on concept II rowing ergometers**  
CELİK O., Kosar S., KORKUSUZ F., BOZKURT M.  
JOURNAL OF STRENGTH AND CONDITIONING RESEARCH, vol.19, no.4, pp.871-877, 2005 (SCI-Expanded)
- LXXII. **Tissue engineered cartilage on collagen and PHBV matrices**  
KÖSE G. T., Korkusuz F., ÖZKUL A., SOYSAL Y., ÖZDEMİR T., Yildiz C., HASIRCI V.  
BIOMATERIALS, vol.26, no.25, pp.5187-5197, 2005 (SCI-Expanded)
- LXXIII. **Collagen-chondroitin sulfate-based PLLA-SAIB-coated rhBMP-2 delivery system for bone repair**  
Keskin D., Tezcaner A., Korkusuz P., Korkusuz F., Hasirci V.  
BIOMATERIALS, vol.26, no.18, pp.4023-4034, 2005 (SCI-Expanded)
- LXXIV. **Quantification the relationship between FITA scores and EMG skill indexes in archery**  
Ertan H., Soylu A. R., KORKUSUZ F.  
JOURNAL OF ELECTROMYOGRAPHY AND KINESIOLOGY, vol.15, no.2, pp.222-227, 2005 (SCI-Expanded)
- LXXV. **In vivo human brain biochemistry after aerobic exercise: preliminary report on functional magnetic resonance spectroscopy**  
ÇAĞLAR E., SABUNCUOĞLU H., KESKİN T., IŞIKLI S., KESKİL S., Korkusuz F.  
SURGICAL NEUROLOGY, vol.64, pp.53-57, 2005 (SCI-Expanded)
- LXXVI. **Hydroxyapatite reinforced poly(3-hydroxybutyrate) and poly(3-hydroxybutyrate-co-3-**



- hydroxyvalerate) based degradable composite bone plate**  
 COŞKUN S., Korkusuz F., HASIRCI V.  
 JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.16, no.12, pp.1485-1502, 2005 (SCI-Expanded)
- LXXXVII. **Comparison of landing maneuvers between male and female college volleyball players**  
 SALCI Y., KENTEL B. B., HEYCAN C., AKIN S., Korkusuz F.  
 CLINICAL BIOMECHANICS, vol.19, no.6, pp.622-628, 2004 (SCI-Expanded)
- LXXXVIII. **In vivo tissue engineering of bone using poly(3-hydroxybutyric acid-co-3-hydroxyvaleric acid) and collagen scaffolds**  
 Kose G., Korkusuz F., Korkusuz P., Hasirci V.  
 TISSUE ENGINEERING, vol.10, pp.1234-1250, 2004 (SCI-Expanded)
- LXXXIX. **Thermal and mechanical properties of hydroxyapatite impregnated acrylic bone cements**  
 Serbetci K., Korkusuz F., HASIRCI N.  
 Polymer Testing, vol.23, no.2, pp.145-155, 2004 (SCI-Expanded)
- LXXX. **Fabrication and characterization of porous tricalcium phosphate ceramics**  
 Koç N., Timuçin M., Korkusuz F.  
 Ceramics International, vol.30, no.2, pp.205-211, 2004 (SCI-Expanded)
- LXXXI. **Soccer causes degenerative changes in the cervical spine**  
 KARTAL A., YILDIRAN İ., ŞENKÖYLÜ A., Korkusuz F.  
 EUROPEAN SPINE JOURNAL, vol.13, no.1, pp.76-82, 2004 (SCI-Expanded)
- LXXXII. **Activation patterns in forearm muscles during archery shooting**  
 ERTAN H. B., Kentel B., TÜMER S. T., Korkusuz F.  
 Human Movement Science, vol.22, no.1, pp.37-45, 2003 (SCI-Expanded)
- LXXXIII. **Poly(3-hydroxybutyric acid-co-3-hydroxyvaleric acid) based tissue engineering matrices**  
 Köse G. T., Ber S., Korkusuz F., Hasirci V.  
 Journal of Materials Science: Materials in Medicine, vol.14, no.2, pp.121-126, 2003 (SCI-Expanded)
- LXXXIV. **Effects of step aerobics and aerobic dancing on serum lipids and lipoproteins**  
 ISLER A., Kosar S., KORKUSUZ F.  
 JOURNAL OF SPORTS MEDICINE AND PHYSICAL FITNESS, vol.41, no.3, pp.380-385, 2001 (SCI-Expanded)
- LXXXV. **A novel osteochondral implant**  
 Yaylaoglu M. B., YILDIZ C., Korkusuz F., Hasirci V.  
 Biomaterials, vol.20, no.16, pp.1513-1520, 1999 (SCI-Expanded)
- LXXXVI. **Development of a calcium phosphate-gelatin composite as a bone substitute and its use in drug release**  
 Yaylaoglu M., Korkusuz P., Ors U., Korkusuz F., Hasirci V.  
 BIOMATERIALS, vol.20, no.8, pp.711-719, 1999 (SCI-Expanded)
- LXXXVII. **An investigation of the chemical synthesis and high-temperature sintering behaviour of calcium hydroxyapatite (HA) and tricalcium phosphate (TCP) bioceramics**  
 Tas A., Korkusuz F., TİMÜÇİN M., AKKAŞ N.  
 JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE, vol.8, no.2, pp.91-96, 1997 (SCI-Expanded)
- LXXXVIII. **LATERAL RHACHOTOMY FOR THORACIC SPINAL LESIONS**  
 YONENOBU K., KORKUSUZ F., HOSONO N., EBARA S., ONO K.  
 SPINE, vol.15, no.11, pp.1121-1125, 1990 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Thin-Walled Commercially Pure Titanium Structures: Laser Powder Bed Fusion Process Parameter Optimization**  
 Depboylu F. N., YASA E., Poyraz O., KORKUSUZ F.  
 Machines, vol.11, no.2, 2023 (Scopus)
- II. **Muscle strength but not balance improves after arthroscopic biodegradable polyurethane meniscus**

## **scaffold application**

AKKAYA M., GURSOY S., OZBERK N., ŞİMŞEK M. E., KORKUSUZ F., BOZKURT M. C.  
Musculoskeletal Surgery, vol.106, no.2, pp.145-153, 2022 (Scopus)

- III. **Accuracy in Archery Shooting is linked to the Amplitude of the ERP N1 to the Snap of Clicker**  
ERTAN H., YAĞCIOĞLU S., YILMAZ A., UNGAN P., KORKUSUZ F.  
MONTENEGRIN JOURNAL OF SPORTS SCIENCE AND MEDICINE, vol.10, no.1, pp.37-44, 2021 (ESCI)
- IV. **The Association of Collagen 1A1, 5A1 and 12A1 Gene Expression with General Joint Laxity in Athletes is Non-Significant**  
TORĖUTALP Ş. Ş., BABAYEVA N., ÖZKAN Ö., AKDOĞAN KITTANA F. N., ALP A., KORKUSUZ F.  
Turkish Journal of Sports Medicine, vol.55, pp.308-313, 2020 (Peer-Reviewed Journal)
- V. **Bone regeneration with hydroxyapatite-based biomaterials**  
BAL Z., KAITO T., KORKUSUZ F., YOSHIKAWA H.  
EMERGENT MATERIALS, vol.3, no.4, pp.521-544, 2020 (ESCI)
- VI. **Chronic Medial Collateral Ligament Sprain and Medial Collateral Ligament Bursitis of Knee in a Female Football Player: A Case Report**  
KARA Ö. S., DÖNMEZ G., KORKUSUZ F.  
Turk J Sports Med, 2020 (Peer-Reviewed Journal)
- VII. **Doping Knowledge and Attitudes of Turkish Athletes: A Cross-Sectional Study**  
ÖZKAN Ö., TORĖUTALP Ş. Ş., KARA Ö. S., DÖNMEZ G., DEMİREL A. H., KARANFİL Y., YARGIÇ M. P., KORKUSUZ F.  
Montenegrin Journal of Sports Science and Medicine, vol.9, no.1, pp.1-7, 2020 (ESCI)
- VIII. **Do Pain and Function Improve after Dextrose Prolotherapy or Autologous Platelet-Rich Plasma Injection in Longstanding Groin Pain?**  
ÖZKAN Ö., TORĖUTALP Ş. Ş., KARAÇOBAN L., DÖNMEZ G., KORKUSUZ F.  
Montenegrin Journal of Sports Science and Medicine, vol.9, pp.5-12, 2020 (ESCI)
- IX. **Vitamin D Status in Soccer Players with Skeletal Muscle Injury**  
DÖNMEZ G., TORĖUTALP Ş. Ş., BABAYEVA N., YARGIÇ M. P., KORKUSUZ F., DORAL M. N.  
Turk J Sports Med, vol.53, pp.94-100, 2018 (Peer-Reviewed Journal)
- X. **Kemik grefti yerine geçen substratlar ve etki mekanizmaları**  
KORKUSUZ F., DEDE E. Ç., BAL Z., GİZER M., ISHIGURO H., KAITO T., SAĞLAM N., KORKUSUZ P.  
TOTBID Dergisi, vol.16, pp.31-38, 2017 (Peer-Reviewed Journal)
- XI. **Kas-iskelet sistemi hastalıklarında stromal vasküler fraksiyon (SVF).**  
KÖPRÜ Ç. Z., KORKUSUZ P., KORKUSUZ F.  
TOTBID Dergisi, vol.16, 2017 (Peer-Reviewed Journal)
- XII. **Ayak Bileđi Burkulması Geçiren Sporcularda Os Subfibulare Varlığı Tedavi Sürecini Etkiler Mi? Olgu Sunumu**  
TORĖUTALP Ş. Ş., BABAYEVA N., DÖNMEZ G., KORKUSUZ F.  
Turk J Sports Med, vol.51, pp.106-109, 2016 (Peer-Reviewed Journal)
- XIII. **Electrospun Nanofibrous Scaffolds Current Status and Prospects in Nanotechnology and Nanomedicine**  
SAĞLAM N., EMÜL E., YALÇIN E., ŞAM M., KORKUSUZ F., SAĞLAM S.  
International Journal on "Technical and Physical Problems of Engineering", 2015 (Peer-Reviewed Journal)
- XIV. **International Combined Orthopaedic Research Societies: A model for international collaboration to promote orthopaedic and musculoskeletal research**  
MICALU T., ADACHI N., ANTONIOU J., BALDINI N., BLUNN G., BOYD S., CHANG J., GRIMM B., GUO X. E., IM G., et al.  
JOURNAL OF ORTHOPAEDIC TRANSLATION, vol.2, no.4, pp.165-169, 2014 (ESCI)
- XV. **Sporda Hareket Analizi**  
DÖNMEZ G., AK E., ÖDEK U., ÖZBERK N., KORKUSUZ F.  
TOTBID Dergisi, vol.13, pp.369-380, 2014 (Non Peer-Reviewed Journal)
- XVI. **Spor Yaralanmaları ve Genetik**  
KARAYILAN Ş., DÖNMEZ G., BABAYEVA N., YARGIÇ M. P., KORKUSUZ F., DORAL M. N.  
Turk J Sports Med, vol.48, pp.139-146, 2013 (Peer-Reviewed Journal)

- XVII. Qualitative enquiry of Aikido practitioners from different levels to the Philosophical discussion between arts and sports: The case of Aikido in-between.**  
ŞENTUNA B., MCNAMEE M., KIRAZ E., KORKUSUZ F.  
Int J of Eastern Sports and PE, vol.8, pp.35-43, 2010 (Peer-Reviewed Journal)
- XVIII. Production and properties of apatite-wollastonite ceramics for biomedical application.**  
AHMETOĞLU C. V., KORKUSUZ F., ÖZTÜRK A., TİMUÇİN M.  
Interceram, vol.58, pp.86-90, 2009 (Peer-Reviewed Journal)
- XIX. The status of the professional development programmes of the health and fitness industry in Turkey.**  
SEKENDİZ B., KOÇAK M. S., KORKUSUZ F.  
Int J Spor Management and Marketing, vol.5, pp.465-476, 2009 (Peer-Reviewed Journal)
- XX. Effects of Pilates exercise on trunk strength, endurance and flexibility in sedentary adult females.**  
SEKENDİZ B., ALTUN Ö., KORKUSUZ F., AKIN S.  
J Bodywork Movement Therap, vol.11, pp.318-326, 2007 (Peer-Reviewed Journal)
- XXI. Bosental, a non-specific endothelin antagonist, stimulates fracture healing.**  
MURATLI H., KORKUSUZ F., KORKUSUZ P., BİÇİMOĞLU A., ERCAN Z.  
Biomedical Engineering: Application, Basis and Communications, pp.37-46, 2007 (Peer-Reviewed Journal)
- XXII. Correlation Between Mechanical Vibration and Dual Energy X Ray DEXA Analysis in the Measurement of Bone Strength a Preliminary in vivo Study in Human Tibia**  
ARPINAR AVŞAR P., ŞİMŞEK B., SEZGİN Ö. C., BİRLİK G., KORKUSUZ F.  
Technology and Health Care, vol.13, pp.107-113, 2005 (Scopus)
- XXIII. Correlation between mechanical vibration analysis and dual energy X-ray absorptiometry (DXA) in the measurement of in vivo human tibial bone strength.**  
ŞİMŞEK B., SEZGİN Ö. C., BİRLİK G., KORKUSUZ F.  
Technology and health care : official journal of the European Society for Engineering and Medicine, vol.13, pp.107-113, 2005 (Peer-Reviewed Journal)
- XXIV. In-vivo compatibility of hydroxyapatite and tricalcium ceramic composites used in segmental bone defect healing [Segmenter defekt içeren uzun kemik kırıklarının tedavisinde kullanılan gözenekli hidroksiapatit ve kalsiyum fosfat seramik bloklarının in vivo uyumluluğu]**  
BALÇIK B. C., ŞENKÖYLÜ A., KOÇ N., TİMUÇİN M., KORKUSUZ P., KORKUSUZ F.  
Artroplasti Artroskopik Cerrahi, vol.14, no.1, pp.39-44, 2003 (Peer-Reviewed Journal)
- XXV. Hard tissue-implant interactions-2: Bone-ceramic and bone-polymer interactions [Sert doku-biyomateryal etkileşimleri-2: Kemik-seramik ve kemik-polimer etkileşimleri]**  
KORKUSUZ F., ŞENKÖYLÜ A., KORKUSUZ P.  
Artroplasti Artroskopik Cerrahi, 2003 (Peer-Reviewed Journal)
- XXVI. Quantitative forearm muscle strength influences radial bone mineral density in osteoporotic and healthy males**  
ÖZDURAK SINGİN R. H., DÜZ S., ARSAL G., AKINCI Y., KABLAN N., İŞIKLI S., KORKUSUZ F.  
Technology and Health Care, vol.11, pp.253-261, 2003 (Scopus)

## Books & Book Chapters

- I. Return to Play After Intraarticular Knee Fractures**  
DÖNMEZ G., BABAYEVA N., TORĞUTALP Ş. Ş., KORKUSUZ F., DORAL M. N.  
in: Intraarticular Fractures: Minimally Invasive Surgery, Arthroscopy, Doral MN, Karlsson J, Nyland J, Benedetto K, Editor, Springer International Publishing, pp.409-411, 2019
- II. Stem Cell and Advanced Nano Bioceramic Interactions**  
KÖSE S., KANKILIÇ B., GİZER M., ÇİFTÇİ DEDE E., BAYRAMLI E., KORKUSUZ P., KORKUSUZ F.  
in: Advances in Experimental Medicine and Biology, Chun H, Park K, Kim CH, Khang G, Editor, Springer, Singapore, 2018

- III. **Klinik Ve Fonksiyonel Deęerlendirme**  
DÖNMEZ G., YARGIÇ M. P., KORKUSUZ F.  
in: Alt Ekstremitte Yaralanmalarında Rehabilitasyon, VOLGA BAYRAKCI TUNAY, ZAFER ERDEN, CEMİL YILDIZ,  
Editor, HİPOKRAT KİTABEVİ, Ankara, pp.201-227, 2017
- IV. **Part II Biomechanics and Research Methods**  
GÖKTEPE A., AK E., KARABÖRK H., ÇİÇEK Ş., KORKUSUZ F.  
in: International Research in Science and Soccer, Barry Drust, Thomas Rely, Mark Williams, Editor, Routledge,  
2009, pp.39-45, 2017
- V. **Apatites for Orthopedic Applications.**  
KANKILIÇ B., DEDE ÇİFTÇİ e., KORKUSUZ P., TİMUÇİN M., KORKUSUZ F.  
in: Clinical Applications of Biomaterials, Gurbinder Kaur, Editor, springer, pp.65-90, 2017
- VI. **Musculoskeletal Research and Basic Science**  
KORKUSUZ F.  
Springer, 2016
- VII. **TEMEL BİLİMLER VE ARAŞTIRMA KİTABI**  
KORKUSUZ F.  
PELİN OFSET, Ankara, 2016
- VIII. **Kök hücreler ve ortopedi**  
KÖSE s., ÇETİNKAYA F. D., KORKUSUZ P., KORKUSUZ F.  
in: Temel Bilimler ve Araştırma Kitabı, Feza Korkusuz, Editor, Pelin Ofset, 2016
- IX. **Stromal vasküler fraksiyon.**  
KÖPRÜ Ç. Z., KORKUSUZ P., VARGEL İ., KORKUSUZ F.  
in: Temel Bilimler ve Araştırma Kitabı, Feza Korkusuz, Editor, Pelin Ofset, 2016
- X. **Stem cell therapy and orthopedics**  
KÖSE s., ÇETİNKAYA D., SHARMA G., KYUN KİM T., KORKUSUZ P., KORKUSUZ F.  
in: Musculoskeletal Research and Basic Science, Feza Korkusuz, Editor, Springer, 2016
- XI. **Joint Cartilage**  
KORKUSUZ F., TUAN R. S.  
in: Musculoskeletal Research and Basic Science, Feza korkusuz, Editor, Springer, 2016
- XII. **Eklem kırırdağı mühendislięi**  
ÇİTÇİ DEDE e., KORKUSUZ F.  
in: Kırırdak, Bozkurt M, Tandoęan NR, Elmalı N, Aktekin CN, Editor, İTK Basım, 2016
- XIII. **Trombositten Zengin Plazma**  
DÖNMEZ G., TORGUTALP Ş. Ş., BABAYEVA N., KÖPRÜ Ç. Z., KORKUSUZ F., TURHAN E., HURİ G., BİLGE O., DORAL M.  
N.  
in: TOTEK Ortopedi ve Travmatoloji Temel Bilimler ve Araştırma Kitabı, Feza Korkusuz, Editor, BAYT, pp.251-263,  
2016
- XIV. **Eklem kırırdaęının yapısı ve işlevi**  
CAN N., KORKUSUZ F.  
in: Temel Bilimler ve Araştırma Kitabı, Feza Korkusuz, Editor, Pelin Ofset, 2016
- XV. **Kök Hücreler ve Ortopedi**  
KÖSE S., ÇETİNKAYA F. D., KORKUSUZ P., KORKUSUZ F.  
in: Temel Bilimler ve Araştırma Kitabı, F. Korkusuz, Editor, pelin ofset, Ankara, pp.235-249, 2016
- XVI. **Stem Cell Therapy and Orthopedics**  
KÖSE S., ÇETİNKAYA F. D., SHARMA G., KİM T. K., KORKUSUZ P., KORKUSUZ F.  
in: Musculoskeletal Research and Basic Science, Feza Korkusuz, Editor, Springer International Publishing, pp.269-  
279, 2016
- XVII. **Stromal Vasküler Fraksiyon**  
KÖPRÜ Ç. Z., KORKUSUZ P., VARGEL İ., KORKUSUZ F.  
in: Eklem İçi Enjeksiyonlar, Taşer Ö.F., Tuncay İ. , Editor, İstanbul Kitap Evleri, pp.51-62, 2016
- XVIII. **Kas İskelet Sistemi Biyomekanięi**

KORKUSUZ F.

in: Orthopaedic Knowledge Update 11, Lisa K. Cannada, Editor, BAYT, pp.49-59, 2015

**XIX. Platelet-Rich Plasma: From Laboratory to the Clinic**

UTKU B., DÖNMEZ G., BÜYÜKDOĞAN K., KARANFİL Y., TOLEVSKA R. D., KORKUSUZ F., DORAL M. N.

in: Sports Injuries: Prevention, Diagnosis, Treatment and Rehabilitation Second Edition, MN Doral, J Karlsson, Editor, Springer-Verlag Berlin Heidelberg, pp.3223-3250, 2015

**XX. Nanocrystalline Apatite-Based Biomaterials and Stem Cells in Orthopaedics**

KORKUSUZ F., Timuçin M., KORKUSUZ P.

in: ADVANCES IN CALCIUM PHOSPHATE BIOMATERIALS, Ben-Nissan B., Editor, Springer, Berlin, Heidelberg, pp.373-390, 2014

**XXI. Endoscopic Repair of Achilles Tendon Ruptures**

DORAL M. N., DÖNMEZ G., TURHAN E., HURİ G., BİLGE O., BOZKURT M., KAYA D., KORKUSUZ F.

in: Achilles Tendon Disorders: A Comprehensive Overview of Diagnosis and Treatment, J Karlsson, J Calder, CN Van Dijk, N Maffulli, H Thermann, Editor, DJO Publication, pp.219-231, 2014

**XXII. Kas İskelet Sistemi Biyomekaniği**

ÇIRPAR M., KORKUSUZ P., KORKUSUZ F.

in: Kemik yapısı ve fiziksel özellikleri, Akçalı İD, Gülşen M, Ün K, Editor, XXX, Adana, pp.227-251, 2009

**XXIII. Kemik dokusu metabolizması ve hormonal düzenleyicileri**

KORKUSUZ P., KORKUSUZ F., ARAS N. K.

in: Osteoporoz, Domaniç Ü, Gökşan SB, Editor, Türk Ortopedi ve Travmatoloji Derneği Yayınları, Perspektif, İstanbul, pp.3-21, 2000

## Refereed Congress / Symposium Publications in Proceedings

**I. NANOHYDROXYAPATITE, POLYLACTIC ACID-POLYETHYLENE GLYCOL COPOLYMER AND RHBMP-2 AS A NOVEL COMPOSITE FOR BONE REGENERATION**

BAL Z., KAITO T., KORKUSUZ P., ÇİFTÇİ DEDE E., GİZER M., KORKUSUZ F.

EORS 2020, Turkey, 17 September 2020

**II. GROIN INJURY IN A PROFESSIONAL SOCCER PLAYER: DOES MRI ALWAYS PAINT AN ACCURATE PICTURE? (A CASE REPORT)**

ÖZKAN Ö., KARAÇOBAN L., DÖNMEZ G., KORKUSUZ F.

European Orthopaedic Research Society 28th Annual Meeting Congress, İzmir, Turkey, 17 - 18 September 2020

**III. AN INNOVATIVE SAMPLE PREPARATION TECHNIQUE TO EVALUATE THE DIFFERENCES IN METABOLOME LEVELS FOR SYNOVIA AND FAT TISSUES**

KARAÇOBAN L., KAPLAN O., MENDERES Y., ÇELEBİER M., KORKUSUZ F.

European Orthopaedic Research Society 28th Annual Meeting Congress, İzmir, Turkey, 17 - 18 September 2020

**IV. PRP TREATMENT IN DEGLOVING INJURY OF A PROFESSIONAL BASKETBALL PLAYER: A CASE REPORT**

KARAÇOBAN L., ÖZKAN Ö., UYSAL Ö., ÖZÇAKAR L., KORKUSUZ F.

European Orthopaedic Research Society 28th Annual Meeting Congress, İzmir, Turkey, 17 - 18 September 2020

**V. Effect of Mesenchymal Stem Cell Exosomes combined with Calcium Phosphate Ceramic on Osteoblasts**

ÇİFTÇİ DEDE E., BAKAN F., KORKUSUZ F., KORKUSUZ P.

EORS 2020, Turkey, 17 September 2020

**VI. Boron-Containing Nano-Hydroxyapatite Composites Alters Mesenchymal Stem Cell Proliferation and Osteogenic Differentiation**

GİZER M., KÖSE S., KARAOSMANOĞLU B., TAŞKIRAN Z. E., BERKKAN A., TİMÜÇİN M., KORKUSUZ F., KORKUSUZ P.

European Orthopedic Research Society 27th Annual Anniversary Meeting, 2 - 05 October 2019

**VII. Isolation and Comparative Characterization of Exosomes From Human Mesenchymal Stem Cells by Ultracentrifuge and MACS Methods to Enhance Bone Healing**

ÇİFTÇİ DEDE E., KORKUSUZ F., KORKUSUZ P.

EORS 2019, 2 - 04 October 2019

- VIII. **Trabecular Bone Score of Postmenopausal Women**  
TORĞUTALP Ş. Ş., BABAYEVA N., KARA Ö. S., ÖZKAN Ö., DÖNMEZ G., KORKUSUZ F.  
European Orthopaedic Research Society (EORS) 2019, Maastricht, Netherlands, 2 - 04 October 2019, pp.260-261
- IX. **İnsan mezenkimal kök hücrelerinden eksozomların iki farklı yöntem ile izolasyonu ve karşılaştırmalı karakterizasyonu**  
ÇİFTÇİ DEDE E., KORKUSUZ F., KORKUSUZ P.  
EMK 2019, Edirne, Turkey, 24 - 26 April 2019
- X. **Kemik hücrelerine bor içeren nano-hidroksiapatit kompozitlerin moleküler etki mekanizması**  
Gizer M., KÖSE S., KARAOSMANOĞLU B., TAŞKIRAN Z. E., BERKCAN A., TİMUÇİN M., KORKUSUZ F., KORKUSUZ P.  
24. Ulusal Elektron Mikroskopi Kongresi, Edirne, Turkey, 24 - 26 April 2019
- XI. **Spor Hekimliği Kliniğine Başvuran Hastalardan Ortopedi ve Travmatoloji Konsültasyonu İstenilen Hastaların Değerlendirilmesi**  
KARA Ö. S., DÖNMEZ G., TORĞUTALP Ş. Ş., TURHAN E., KORKUSUZ F.  
17. Uluslararası Katılımlı Türk Spor Hekimliği Kongresi, Antalya, Turkey, 22 - 24 March 2019
- XII. **Turkish Elite Athletes' Knowledge, Practices and Attitudes of Prohibited Substances: A Cross-Sectional Study.**  
ÖZKAN Ö., DÖNMEZ G., TORĞUTALP Ş. Ş., BABAYEVA N., KARA Ö. S., YARGIÇ M. P., KORKUSUZ F.  
17. Uluslararası Katılımlı Türk Spor Hekimliği Kongresi, Antalya, Turkey, 22 - 24 March 2019
- XIII. **Vücut Yağ Miktarının Öngörülmesinde Ultrasonografi ile Abdominal Yağ Kalınlık Ölçümü**  
TORĞUTALP Ş. Ş., BABAYEVA N., DÖNMEZ G., KORKUSUZ F.  
17. Uluslararası Katılımlı Türk Spor Hekimliği Kongresi, Antalya, Turkey, 22 - 24 March 2019
- XIV. **PROFESYONEL FUTBOLCULARDA ALT EKSTREMİTE KAS VE TENDON SERTLİĞİNİN SHEAR-WAVE ELASTOGRAFİ YÖNTEMİ İLE DEĞERLENDİRİLMESİ**  
TAŞ S., ÖZKAN Ö., KARAÇOBAN L., DÖNMEZ G., ÇETİN A., KORKUSUZ F.  
17. Uluslararası Katılımlı Türk Spor Hekimliği Kongresi, Antalya, Turkey, 22 - 24 March 2019
- XV. **TÜBİTAK Program Güncellemeleri ve Başvuruda Dikkat Edilecek Konular**  
KORKUSUZ F.  
3. Uluslararası Sağlık Bilimleri Kongresi, Ankara, Turkey, 29 November - 01 December 2018
- XVI. **Tissue Engineering Applications**  
KORKUSUZ F.  
International Symposium on 3D Printing in Medicine, Ankara, Turkey, 16 - 17 November 2018
- XVII. **Kemik Rejenerasyonunda Nano-Hidroksiapatit ve Kök Hücreler**  
KORKUSUZ F.  
Tıp Teknolojileri Kongresi 18, Turkey, 8 - 10 November 2018
- XVIII. **Kıkırdağın değerlendirilmesi ve gelecekteki tedavi seçenekleri**  
KORKUSUZ F.  
XIV. Türkiye Spor Yaralanmaları Artroskopisi ve Diz Cerrahisi (TUSYAD) Kongresi, Antalya, Turkey, 2 - 06 October 2018
- XIX. **The Effects Of Hyaluronic Acid Injection On Patient's Perceptions In Knee Osteoarthritis: A Qualitative Study.**  
DÖNMEZ G., ÖZKAN Ö., BABAYEVA N., TORĞUTALP Ş. Ş., KARA Ö. S., KORKUSUZ F.  
XIV. Türk Spor Yaralanmaları Artroskopisi ve Diz Cerrahisi (TUSYAD) Kongresi, 2 - 06 October 2018
- XX. **IN VITRO BIOACTIVITY ASSESSMENT OF POLYMER AND NANO HYDROXYAPETITE (nHAp) NANOFIBERS FOR TISSUE ENGINEERING BY ELECTROSPINNING TECHNIQUE**  
EMÜL E., ATEŞ H., SAĞLAM S., KORKUSUZ F., SAĞLAM N., TÜRK M., ERDOĞDU M.  
TURKEY-TAIWAN HEALTH SCIENCE SYMPOSIUM, 1 - 04 April 2018
- XXI. **A NEW COMPOSITE BIOMATERIAL OF OSTEOINDUCTIVE NANOHYDROXYAPATITE (NHAp), SYNTHETIC POLYMER (PLA-PEG) AND BONE MORPHOGENETIC PROTEIN-2 (RHBMP-2) FOR BONE REGENERATION**  
BAL Z., KAITO T., ISHIGURO H., KORKUSUZ P., ÇİFTÇİ DEDE E., KORKUSUZ F.

European Orthopaedic Research Society, 25 - 28 September 2018

- XXII. **MUSCLE STRENGTH BUT NOT BALANCE IMPROVES AFTERARTHROSCOPIC BIODEGRADABLE POLYURETHANE MENISCUS SCAFFOLDS APPLICATION**  
AKKAYA M., GÜRSOY S., ÖZBERK N., KORKUSUZ F., ŞİMŞEK M. E., BOZKURT M.  
9 TH INTERNATIONAL BIOMECHANICS CONGRESS, Eskişehir, Turkey, 19 - 22 September 2018
- XXIII. **DXA can predict total body fat percentage: A comparative study with skin fold thicknesses measurements**  
KÜÇÜKKUBAŞ N., KORKUSUZ F.  
ULUSLARARASI 9. BİYOMEKANİK KONGRESİ, 19 - 22 September 2018
- XXIV. **KÖK HÜCRE**  
KORKUSUZ F.  
XVII TEMEL BİLİMLER ARAŞTIRMA OKULU, İstanbul, Turkey, 8 - 10 June 2018
- XXV. **Bor Katkılı Nano-Hidroksiapatit (B-nHAp) Kompozitlerin Mezenkimal Kök Hücrelerinin ve Kemik Hücrelerinin Proliferasyonuna Etkisinin Salımla İlişkili Araştırılması**  
gizer m., dede e. ç., BERKKAN A., KORKUSUZ F., timuçin m., KORKUSUZ P.  
14. Ulusal Histoloji ve Embriyoloji Kongresi, Antalya, Turkey, 10 - 13 May 2018, vol.6, pp.283
- XXVI. **Does bone morphogenic protein 2 containing PLA-PEG nano-hydroxyapatite composites spine fusion?**  
KORKUSUZ F., KAITO T., ISHIGURO H., BAL Z., KORKUSUZ P., KÖSE S., ÇİFTÇİ DEDE E., GİZER M.  
70th Annual Meeting of the Association of Bone and Joint Surgeons, Lisbon, Portugal, 2 - 06 May 2018
- XXVII. **STEM CELL THERAPY: FROM BENCH TOOPERATING THEATRE- FUTURE APPLICATIONS**  
KORKUSUZ F.  
20th Asia Pacific Orthopaedic Association Congress, 10 - 14 April 2018
- XXVIII. **IN VITRO BIOACTIVITY ASSESSMENT OF POLYMER AND NANO HYDROXYAPATITE (nHAp) NANOFIBERS FOR TISSUE ENGINEERING BY ELECTROSPINNING TECHNIQUE**  
EMÜL E., ATEŞ H., SAĞLAM S., SAĞLAM N., KORKUSUZ F., TÜRK M., ERDOĞDU M.  
TURKEY-TAIWAN HEALTH SCIENCE SYMPOSIUM, 1 - 04 April 2018
- XXIX. **EXPLORING THE POTENTIAL OF LECITIN-CHITOSAN NANOPARTICLES IN ENHANCEMENT OF ANTIFUNGAL EFFICIENCY OF QUERCETIN AGAINST FUSARIUM OXYPORIUM**  
İLK S., SAĞLAM N., KORKUSUZ F.  
TURKEY-TAIWAN HEALTH SCIENCE SYMPOSIUM, 1 - 04 April 2018
- XXX. **TEMEL BİLİMDEN KLİNİĞE KÖK HÜCRE**  
KORKUSUZ F.  
AFYON KOCATEPE ÜNİVERSİTESİ TIP FAKÜLTESİ 2018 BÖLGESEL ORTOPEDİ TOPLANTISI, Afyon, Turkey, 10 March 2018
- XXXI. **STROMAL VASKÜLER FRAKSİYON**  
KORKUSUZ F.  
TÜSYAD 8. BAHAR TOPLANTISI, Turkey, 29 - 30 September 2017
- XXXII. **Doku Mühendisliği**  
KORKUSUZ F.  
4. DENEYSEL ARAŞTIRMA EĞİTİMİ KURSU, Turkey, 24 - 26 November 2017
- XXXIII. **VANKOMİSİN İÇEREN VK-100 POLİMERİNİN RATLARDA OLUŞTURULAN DENEYSEL METİSİLİNE DİRENÇLİ STAPHYLOCOCCUS AUREUS KRONİK OSTEOMİYELİT MODEL TEDAVİSİNDE GELİŞTİRİLMESİ**  
NEYİSCİ Ç., BİLEKLİ A. B., ERDEM Y., DEMİRALP B., KÖSE Ö., BEK D., KORKUSUZ F.  
27. ULUSAL TÜRK ORTOPEDİ VE TRAVMATOLOJİ KONGRESİ (ULUSLARARASI KATILIMLI), 24 - 29 October 2017
- XXXIV. **BİLİMSEL ÇALIŞMANIN BİLEŞENLERİ**  
KORKUSUZ F.  
27. ULUSAL TÜRK ORTOPEDİ VE TRAVMATOLOJİ KONGRESİ, Turkey, 24 - 29 October 2017
- XXXV. **KANIT DÜZEYİ YÜKSEK ÇALIŞMA NASIL TASARLANIR?**  
KORKUSUZ F.  
27. ULUSAL TÜRK ORTOPEDİ VE TRAVMATOLOJİ KONGRESİ, Turkey, 24 - 29 October 2017

- XXXVI. **KONDROİTİN SÜLFAT (CS) VE GLİKOZAMİN (GAG) BAĞLI HYALURONİK ASİT (HA) NANOPARTİKÜLLER (CS-GAG-nHA) OSTEOARTRİTLİ DİZ EKLEMİNİ İYİLEŞTİRİR Mİ? : YENİ BİR ENJEKTE EDİLEBİLİR DOKU MÜHENDİSLİĞİ YAKLAŞIMI**  
ŞAHİN Ş., KOUROUSH S., KÖSE S., BİLGİÇ E., TUNCEL S. A., KORKUSUZ P., KORKUSUZ F.  
27. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Turkey, 24 - 29 October 2017
- XXXVII. **TEZİMİ NASIL PROJELENDİREBİLİRİM?**  
KORKUSUZ F.  
27. ULUSAL TÜRK ORTOPEĐİ VE TRAVMATOLOJİ KONGRESİ, Turkey, 24 - 29 October 2017
- XXXVIII. **SPORDA İSKELET KASI VE TENDON SERTLİĞİ ÖLÇÜMLERİ**  
KORKUSUZ F.  
DÜNYA SPOR BİLİMLERİ ARAŞTIRMALARI KONGRESİ, Turkey, 23 - 26 October 2017
- XXXIX. **Kondroitin sülfat (CS) ve glikozamin (GAG) bağlı hyaluronik asit (HA) nanopartiküller (CS-GAGNHA) osteoartritli diz eklemini iyileştirir mi?: Yeni bir enjekte edilebilir doku mühendisliği yaklaşımı**  
Şahin Ş., SALİMİ K., Köse S., BİLGİÇ E., TUNCEL S. A., KORKUSUZ P., KORKUSUZ F.  
27. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Turkey, 24 - 29 October 2017
- XL. **Effect of Intensive Exercise on Mechanical Properties of Achilles Tendon: A Pilot Study**  
TAŞ S., YILMAZ S., KINIKLI G. İ., KORKUSUZ F.  
25th Annual Meeting of EORS 2017, Munich, Germany, 13 - 15 September 2017
- XLI. **CHONDROITIN SULFATE(CS) AND GLUCOSAMINE(GAG) CONJUGATED HYALURONIC ACID NANOPARTICLES(nHA) MAY IMPROVE OSTEOARTHRITIC JOINT CARTILAGE:A NEW INJECTABLE TISSUE ENGINEERING APPROACH**  
ŞAHİN Ş., KOUROUSH S., TUNCEL S. A., KORKUSUZ P., KORKUSUZ F., KÖSE S.  
25th European Orthopaedic Research Society EORS 2017 Annual Meeting, 13 - 15 September 2017
- XLII. **A new technology for bone with bone morphogenic protein-2 (rhBMP), synthetic polymer (PLA-PEG) and osteoinductive nano hydroxyapatite (nHAp) composite.**  
KORKUSUZ P., KORKUSUZ F., KÖSE S., ÇİFTÇİ DEDE E., GİZER M.  
25th European Orthopaedic Research Society EORS 2017 Annual Meeting, 13 - 15 September 2017
- XLIII. **Neck muscle stiffness in subjects with and without chronic neck pain: a shear-wave elastography study.**  
KORKUSUZ F., TAŞ S.  
25th European Orthopaedic Research Society EORS2017 Meeting, Munich, Germany, 13 - 15 September 2017
- XLIV. **Design of a joint chip**  
AŞIK M. D., SAĞLAM N., KORKUSUZ F.  
THERMAM2017, 17 - 18 July 2017
- XLV. **Anti-quorum sensing activity of kaempferol loaded lecithin/chitosan nanoparticles**  
İLK S., SAĞLAM N., EMÜL E., SAĞLAM S., KORKUSUZ F.  
h Rostocker International Conference on Thermophysical Properties for Technical Thermodynamics –THERMAM 2017, 17 - 18 July 2017, pp.33
- XLVI. **Design of a Joint on a Chip**  
AŞIK M. D., SAĞLAM N., KORKUSUZ F.  
6th Rostocker International Conference: "Thermophysical Properties for Technical Thermodynamics" THERMAM 2017, 17 - 18 July 2017
- XLVII. **Bone regeneration stimulation with osteoinductive nano hydroxyapatite and BMP**  
KORKUSUZ F., KAITO T., KORKUSUZ P., ISHIGURO H., ÇİFTÇİ DEDE E., BAL Z.  
22nd International Biomedical Science and Technology Symposium, 12 - 14 May 2017
- XLVIII. **BONE REGENERATION STIMULATION WITH OSTEOINDUCTIVE NANOHYDROXYAPATITE AND BONE MORPHOGENETIC PROTEIN**  
KORKUSUZ F.  
BIOMED 2017, 12 - 14 May 2017
- XLIX. **KEMİK MİKROYAPISI ÖNEMLİ Mİ?**  
KORKUSUZ F.



26. ULUSAL FİZİKSEL TIP VE REHABİLİTASYON KONGRESİ, Turkey, 25 - 29 April 2017

- L. **OMURGA BİYOMEKANİĞİ**  
KORKUSUZ F.  
26. ULUSAL FİZİK TEDAVİ VE REHABİLİTASYON KONGRESİ, Turkey, 25 - 29 April 2017
- LI. **Does Shear Wave Elastography (SWE) Determine Skeletal Muscle and Tendon Stiffness?**  
TAŞ S., YILMAZ S., ONUR M. R., KORKUSUZ F.  
69th Annual Meeting of the Association of Bone and Joint Surgeons, Austin, Texas, United States Of America, 5 - 09 April 2017
- LII. **ULTRASOUND-BASED SHEAR WAVE ELASTOGRAPHY MAY NONINVASIVELY DETERMINE SKELETAL MUSCLE AND TENDON STIFFNESS**  
KORKUSUZ F., TAŞ S., YILMAZ S., ONUR M. R.  
69TH ANNUAL MEETING OF THE ASSOCIATION OF BONE AND JOINT SURGEONS, 5 - 09 April 2017
- LIII. **NANOMATERYAL VE KEMİK REJENERASYONU**  
KORKUSUZ F.  
ORTHOPAEDIC RESEARCH MEETING, 25 - 28 March 2017
- LIV. **BİLİMSEL ARAŞTIRMANIN BİLEŞENLERİ**  
KORKUSUZ F.  
ERZİNCAN ÜNİVERSİTESİ BİLİMSEL ARAŞTIRMANIN BİLEŞENLERİ, Turkey, 13 March 2017
- LV. **BİLİMSEL MAKALE İÇİN DERGİ SEÇİMİ VE YAYIN SÜRECİ**  
KORKUSUZ F.  
SAĞLIK BİLİMLERİ AKADEMİK YAZI EĞİTİM TOPLANTISI, Turkey, 24 - 26 February 2017
- LVI. **BONE IMPLANT INTERFACE**  
KORKUSUZ F.  
7 SYMPOSIUM INTERNATIONAL DE IMPLANTOLOGIA CIUDAD DE OVIEDO, 9 - 11 February 2017
- LVII. **Two weeks of Elective Sports Medicine Internship Program in Medical School Education Positively Effects on Physical Activity Counseling**  
DÖNMEZ G., TORĞUTALP Ş. Ş., YARGIÇ M. P., KARANFİL Y., DORAL M. N., KORKUSUZ F., DEMİREL A. H.  
34th World Congress of Sports Medicine, Ljubljana, Slovenia, 29 September - 02 October 2016, vol.50, pp.172-18
- LVIII. **3.0 Tesla Magnetic Resonance Assessment for Thickness and Signal Intensity of the Knee Joint Cartilage After Running Exercise**  
KARANFİL Y., BABAYEVA N., DÖNMEZ G., DİREN B., DORAL M. N., KORKUSUZ F.  
34th World Congress of Sports Medicine, Slovenia, 29 September - 02 October 2016, vol.50, pp.162-16
- LIX. **Comparison of shear wave elastography SWE of the plantar fascia and fat pad between normal and overweight individual**  
Taş S., ONUR M. R., BEK N., KORKUSUZ F.  
Uluslararası Katılımlı 8. Ulusal Biyomekanik Kongresi, Ankara, Turkey, 19 - 23 October 2016, pp.127-129
- LX. **Achilles Tendon Thickness but not Stiffness Decreases after Intensive Exercise A Pilot Study**  
TAŞ S., YILMAZ S., KINIKLI G. İ., KORKUSUZ F.  
VIII. ULUSAL BİYOMEKANİK KONGRESİ, Ankara, Turkey, 19 - 23 October 2016
- LXI. **Development and Characterization of Quercetin Encapsulated Lecithin Chitosan Nanoparticles**  
İLK S., EMÜL E., SAĞLAM S., SAĞLAM N., KORKUSUZ F.  
Uluslararası Katılımlı 8. Ulusal Biyomekanik Kongresi, Turkey, 19 - 23 October 2016
- LXII. **TWO WEEKS OF ELECTIVE SPORTS MEDICINE INTERSHIP PROGRAM IN MEDICAL SCHOOL EDUCATION POSITIVELY EFFECTS ON PHYSICAL ACTIVITY COUNSELING**  
DÖNMEZ G., TORĞUTALP Ş., YARGIÇ P., KARANFİL Y., DORAL M. N., KORKUSUZ F., DEMİREL A. H.  
34ST WORLD SPORTS MEDİCİNE CONGRESS, 29 September - 02 October 2016
- LXIII. **Bor İçeren Nano Hidroksiapatit Seramikler Mezenkimal Kök Hücrelerle Osteoporozlu Tavşan Uzun Kemiklerinde İyileştirici Etki Göstermektedir**  
CIFTCI DEDE E., KORKUSUZ P., KÖSE S., BİLGİÇ E., ÇETİNKAYA M. A., TİMUÇİN M., KORKUSUZ F.  
THED 13. Uluslararası Katılımlı Ulusal Histoloji ve Embriyoloji Kongresi, Turkey, 30 April - 03 May 2016
- LXIV. **The Other Side of The Trenches Ottoman Military Medical Measures During The Canakkale War**

## **Gallipoli Campaign**

KORKUSUZ F., KORKUSUZ P.

The Association of Bone and Joint Surgeons 68th Annual Meeting, 5 - 09 April 2016

- LXV. **Shear wave ultrasound elastography is a reliable and repeatable method to measure elastic modulus of patellar and achilles tendons**  
taş s., ONUR M. R., SOYLU A. R., yılmaz s., KORKUSUZ F.  
ECR 2016: My insights, radyoloji kongresi, Viyana, Austria, 2 - 06 March 2016
- LXVI. **Ayak Bileğinde Kırık mı Yoksa Bir Aksesuar Kemik mi**  
TORGUTALP Ş., BABAYEVA N., DÖNMEZ G., KORKUSUZ F.  
15. Ulusal Spor Hekimliği Kongresi, Ankara, Turkey, 20 - 22 November 2015
- LXVII. **Ön Çapraz Bağ Revizyonu İçin Kemik Patellar Tendon Kemik Grefti Kullanılan Elit Sporcunun Patellar Tendonunun Sonoelastografik ve 3 0 T Manyetik Rezonans Görüntüleme ile Değerlendirilmesi Vaka Sunumu**  
YARGIÇ M. P., TAŞ S., DÖNMEZ G., BABAYEVA N., DORAL M. N., TURHAN E., SOYLU R., ONUR M. R., KORKUSUZ F.  
15. Ulusal Spor Hekimliği Kongresi, Ankara, Turkey, 20 - 22 November 2015
- LXVIII. **Injuries in Recreational Football Players in Turkey**  
DÖNMEZ G., YARGIÇ M. P., ÖZÇAKAR L., KARANFİL Y., YILDIRIM M., AKÇER M. E., KORKUSUZ F.  
EFSMA 2015 Congress, Antwerp, Belgium, 10 - 12 September 2015
- LXIX. **Meloxicam and diclofenac did not change VEGF and PDGF AB serum levels of Platelet rich plasma**  
UTKU B., DÖNMEZ G., ERİŞGEN G., SULJEVIC Ş., DEMİREL A. H., KORKUSUZ F., DORAL M. N.  
EFSMA 2015 Congress, 10 - 12 September 2015
- LXX. **Evaluation of muscle functions static arch index of the foot and gait parameters in patients with chronic ankle instability**  
CAN F., ZEKİYE NİSA Ö., SALCI Y., KORKUSUZ F.  
World Confederation for Physical Therapy Congress 2015, 1 - 05 May 2015
- LXXI. **Bor içeren nano hidroksiapatit seramikler ovariyektomili tavşanların femurlarına hyaluronanla birlikte intramedüller uygulandığında kemik mineral yoğunluğunu artırır**  
ÇİFTÇİ DEDE E., KORKUSUZ P., KORKUSUZ F.  
24. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Turkey, 12 November - 16 March 2014
- LXXII. **Vancomycin Containing VK100 is Biocompatible and Releases the Active Antibiotic In Vitro**  
KORKUSUZ F., KORKUSUZ P.  
ABJS 66th Annual Meeting of the Association of Bone and Joint Surgeons, 14 - 18 May 2014
- LXXIII. **In Vitro Assessment of Novel Vancomycin containing VK100 for Cell Culture Studies Vancomycin Release Studies and Anti microbiological Action**  
KORKUSUZ F., KORKUSUZ P.  
EORS 22nd Annual Meeting, 1 - 02 January 2014
- LXXIV. **Mesenchymal stem cells proliferate properly on nano Sr Si Hap in vitro**  
KORKUSUZ F., KORKUSUZ P.  
64th Annual Meeting of The Association of Bone and Joint Surgeons in Charleston, 2 - 06 May 2012
- LXXV. **Nano hidroksiapatit seramiklerin mezenkimal kök hücrelerle uyumu**  
KORKUSUZ F., KORKUSUZ P.  
22. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Turkey, 31 October - 05 November 2011
- LXXVI. **Endurance exercise increases plasma anandamide levels**  
KORKUSUZ F., KORKUSUZ P.  
6th European Sports Medicine Congress, 14 - 18 October 2009
- LXXVII. **The optimization for the quantification of Anandamide and 2 Arachidonylglycerol in blood samples**  
ŞEKER T., KORKUSUZ P., KORKUSUZ F.  
International Symposium on Biotechnology: Developments and Trends, 27 - 30 June 2009
- LXXVIII. **Vancomycin containing PLLA delivery system for bone tissue biocompatibility and treatment of implant related chronic osteomyelitis**  
berna u., KORKUSUZ F., KORKUSUZ P., GÜMÜŞEL B.

International Symposium on Biotechnology: Developments and Trends, 27 - 30 June 2009

- LXXIX. **Functional analysis of skeletal muscles in postmenopausal osteoporotic rat model and role of TNF alpha**  
KANDILCI H. B., uysal b., KORKUSUZ P., ZEYBEK N. D., GÜMÜŞEL B., KORKUSUZ F.  
International Symposium on Biotechnology: Developments and Trends, 27 - 30 June 2009
- LXXX. **Trace element release from Si HAP ceramics**  
PURALI N., KORKUSUZ P., HAKKI S., KORKUSUZ F.  
International Symposium on Biotechnology: Developments and Trends, 27 - 30 June 2009
- LXXXI. **Egzersiz endokannabinoid aracılı immünsupressif etkilerinin immünohistokimya ve akışkan hücre tekniği ile gösterilmesi**  
ÖZDURAK SINGIN R. H., ZEYBEK N. D., KORKUSUZ P., ŞEKER T., KORKUSUZ F.  
19. Ulusal/Uluslararası katılımlı Elektron mikroskobu, Turkey, 22 - 25 June 2009
- LXXXII. **NaTi coating improves attachment and mineralization of PDL cells**  
KORKUSUZ P., KORKUSUZ F., PURALI N., NOHUTCU R. M.  
87th General Session Exhibition of IADR., 1 - 04 April 2009
- LXXXIII. **High Intensity exercise induces immunosuppression through endocannabinoid increase**  
KORKUSUZ F., KORKUSUZ P.  
APS Intersociety Meeting: The Integrative Biology of Exercise-V', 23 - 28 September 2008
- LXXXIV. **Farklı titanium yüzeylerle osteoblastik hücrelerin etkileşimi**  
HAKKI S., KORKUSUZ F., KORKUSUZ P., PURALI N., ÖNDER M. E., GÖRÜR D. İ., ÖZTÜRK A. M., NOHUTCU R. M.  
Türk Periodontoloji Derneği 38. Bilimsel Kongresi, Turkey, 22 - 24 May 2008
- LXXXV. **Observation of MC3T3 E1 cells applied bioceramics by scanning electron microscopy SEM and confocal microscopy CM**  
KORKUSUZ P., HAKKI S., PURALI N., KOÇ N., KORKUSUZ F.  
11th Annual Seminar and Meeting of Ceramics, Cells and Tissues, United States Of America, 2 - 05 October 2007
- LXXXVI. **MC3T3 E1 Hücre Dizisinin Uygulandığı Biyoseramiklerin Taramalı Elektron Mikroskobu ve Konfokal Mikroskop ile İncelenmesi**  
KORKUSUZ P., HAKKI S., PURALI N., KOÇ N., KORKUSUZ F.  
18. Ulusal (Uluslararası Katılımlı) Elektron Mikroskopi Kongresi, Turkey, 26 - 29 August 2007
- LXXXVII. **Neuropeptid Y decreases cortex and marrow density in a dose dependent manner without mechanical strength changes**  
KORKUSUZ P., KORKUSUZ F.  
53rd Annual Meeting of the Orthopaedic Research Society, 11 - 14 February 2007
- LXXXVIII. **Road Surface Conditions and Quantification of Vibration Transmission to the Cyclist's body: a preliminary study**  
GÜLİN AYŞE B., SEZGİN Ö. C., ARPINAR AVŞAR P., KORKUSUZ F.  
9. Uluslararası Spor Bilimleri Kongresi, Muğla, Turkey, 3 - 05 November 2006
- LXXXIX. **Early histological changes of porous hydroxyapatite and hydroxyapatite calcium phosphate 60 40 ceramics in segmental bone defect repair of rabbit**  
KORKUSUZ P., BALÇIK B. C., KOÇ N., AKIN S., KORKUSUZ F.  
CIMTEC, 2 - 06 June 2006
- XC. **Histological Changes of ET 1 Loaded HAP ceramics in partial load bearing segmental bone defect repair**  
KORKUSUZ P., KOÇ N., AKIN S., KORKUSUZ F.  
10th Meeting and Seminar on Ceramics, Cells and Tissues, 23 - 27 May 2006
- XCI. **Usage of endothelin 1 containing hydroxyapatite ceramics for the treatment of segmentary bone defects**  
KORKUSUZ F., KORKUSUZ P., AKIN S.  
52nd Annual Meeting of the Orthopaedic Research Society, 19 - 22 March 2006
- XCII. **Relation between smoking and bone mineral density**  
Basaran A., Saribay G., Akin S., Korkusuz F.

3rd Osteoporosis and Osteoarthritis Congress, Antalya, Turkey, 20 - 24 April 2005, vol.16, pp.2198

- XCIII. Determination of Response Time Components of Swimming Start Via Synchronized Recordings of EMG, Starting and Ground Connection Signals**  
SOYLU A. R., ARPINAR AVŞAR P., CİNEMRE Ş. A., KORKUSUZ F.  
The 46th ICHPER-SD Anniversary World Congress, İstanbul, Turkey, 9 - 13 November 2005
- XCIV. Segmenter kemik defektlerinin tedavisinde endotelin 1 içeren HAP seramiklerin kullanılması**  
KORKUSUZ P., KORKUSUZ F., AKIN S.  
VII. Ulusal Histoloji ve Embriyoloji Kongresi, Turkey, 18 - 21 May 2004
- XCV. Influence of rhBMP loaded collagen PLLA SAIB controlled release system on bone healing**  
KESKİN D., TEZCANER A., KORKUSUZ P., KORKUSUZ F., HASIRCI V. N.  
10. Ulusal Biyomedikal Bilim ve Teknoloji Sempozyumu, Turkey, 10 - 12 October 2003
- XCVI. Evaluation of rhBMP loaded collagen PLLA SAIB controlled release system on bone healing**  
KESKİN D., TEZCANER A., KORKUSUZ P., KORKUSUZ F., HASIRCI V. N.  
18th. European Conference on Biomaterials, 1 - 04 October 2003
- XCVII. Reliability and Validity of the Modified Conconi Test on Concept II Rowing Ergometers**  
ÇELİK Ö., KOŞAR Ş. N., KORKUSUZ F.  
7th International Sports Sciences Congress, Ankara, Turkey, 27 - 29 October 2002
- XCVIII. Bosentan a non specific endothelin antagonist enhances mineralisation in long bone fracture**  
KORKUSUZ F., KORKUSUZ P.  
Proc. 4th Congress of the European Federation of National Associations of Orthopaedics, 1 - 07 June 2001
- XCIX. Kontrollü biyobozunur antibiyotik salım sistemlerinin doku uyumluluğu ve deneysel osteomyelitteki etkileri**  
KORKUSUZ P., KORKUSUZ F., HASIRCI V. N.  
5. Ulusal Histoloji ve Embriyoloji Kongresi, Turkey, 28 - 31 August 2000
- C. An overview of our activities in the field of bioceramics**  
KORKUSUZ P., KORKUSUZ F.  
Engineering Ceramics NATO Advanced Research Workshop, 5 - 09 September 1996

## Supported Projects

KORKUSUZ F., TURHAN E., ÇELEBİER M., KARAÇOBAN L., KAPLAN O., Gizer M., KORKUSUZ P., Project Supported by Higher Education Institutions, Sinoviyum ve Yağ Dokudan Elde Edilen Allojenik Mezenkimal Kök Hücrelerin Normal ve Osteoartritli Kondrosit Hücre Hatları Üzerine Olan Etki ve Etki Mekanizmasının İn vitro Ortamda İncelenmesi, 2020 - 2022

KORKUSUZ F., DÖNMEZ G., ERCAN A., KARA Ö. S., Project Supported by Higher Education Institutions, KONSANTRİK VE İZOMETRİK İSKELET KASI KASILMASI ÖNCESİ VE SONRASINDA KAN İRİSİN, FNDC5 DÜZEYLERİNİN VE METABOLİK PROFİLİNİN İNCELENMESİ, 2019 - 2022

KORKUSUZ P., KORKUSUZ F., BAKAN F., ÇİFTÇİ DEDE E., Project Supported by Higher Education Institutions, Trikalsiyum Fosfata Bağlanmış Mezenkimal Kök Hücre Eksozomlarının Kemik Yenilenmesine Etkisi, 2018 - 2021

KORKUSUZ F., Project Supported by Higher Education Institutions, Hacettepe Üniversitesi Beytepe Yerleşkesi Öğrenci ve Mensuplarının Sağlık İzlemlerinin Yapılması, 2013 - 2018

SAĞLAM N., EMÜL E., KORKUSUZ F., İLK S., SAĞLAM S., Project Supported by Higher Education Institutions, Kaempferol Yüklü Lesitin/Kitosan Nanopartiküllerinin Anti-Quorum Sensing Aktivitesinin Değerlendirilmesi, 2017 - 2017

KORKUSUZ F., YILMAZ S., TAŞ S., ONUR M. R., Project Supported by Higher Education Institutions, Kemik ve Eklem Cerrahları Birliğinin 69 Yıllık Toplantısı Katılımı, 2017 - 2017

KORKUSUZ F., BİLGİÇ E., ŞAHİN Ş., TUNCEL S. A., KORKUSUZ P., Project Supported by Higher Education Institutions, Kovalent olarak bağlanmış kondroitin sülfat (CS) ve glikozaminoglikan (GAG) içeren hyaluronan HA nano partiküllerin CS-GAG-nHA geliştirilerek yapısal özelliklerinin belirlenmesi ve in vitro osteoartrit modelindeki etkilerinin araştırılması, 2016 - 2017

DÖNMEZ G., KARANFİL Y., ERYILMAZ M., BABAYEVA N., KORKUSUZ F., Project Supported by Higher Education Institutions, Koşuya Bağlı Eklem Kıkırdağı Kalınlık ve Sinyal İntensitesi Değişikliklerinin 3.0 Tesla Manyetik Rezonans

Görüntüleme İle İncelenmesi, 2015 - 2017

KORKUSUZ F., Project Supported by Higher Education Institutions, Obezite Kadınlarda Patellar Tendon Sertliğini Azaltırken Erkeklerde Etkilemiyor, 2016 - 2016

KORKUSUZ F., Project Supported by Higher Education Institutions, Antioksidan Özellikli Biyonanopartiküllerin Sentezi, Karakterizasyonu ve Bazı Patojenlere Karşı Anti-Quorum Algılama, Antimikrobiyal ve Antifungal Özelliklerinin İncelenmesi, 2015 - 2016

KORKUSUZ F., Project Supported by Higher Education Institutions, Intramedüler Bor İçeren Nano Hidroksiapatit Biyoseramik Uygulaması Ovariektomili Tavşan Femurlarının Kemik Mineral Yoğunluğunu, Kemik Hacmi ve Yüzeyini Geliştirir, 2015 - 2015

## **Metrics**

Publication: 237

Citation (WoS): 2003

Citation (Scopus): 2356

H-Index (WoS): 28

H-Index (Scopus): 28