

# Prof. NUSRET KÖSE

## Personal Information

**Fax Phone:** [+90 0222 239 2979](tel:+9002222392979)

**Email:** [nkose@ogu.edu.tr](mailto:nkose@ogu.edu.tr)

**Other Email:** [drnkose@gmail.com](mailto:drnkose@gmail.com)

**Web:** <https://avesis.ogu.edu.tr/nkose>

## International Researcher IDs

ScholarID: rfkGAKIAAAAJ

ORCID: 0000-0002-1517-9635

Publons / Web Of Science ResearcherID: AAG-6118-2019

ScopusID: 7003978186

Yoksis Researcher ID: 3134

## Education Information

Expertise In Medicine, Eskisehir Osmangazi University, TIP FAKÜLTESİ, Cerrahi Tıp Bilimleri Bölümü, Turkey 1993 - 1997

Undergraduate, Ege University, Faculty Of Medicine, Turkey 1980 - 1986

## Foreign Languages

English, C1 Advanced

## Certificates, Courses and Trainings

Occupational Health and Safety, İş Sağlığı ve Güvenliği Eğitimi, ESGO Eskişehir İş Sağlığı ve Güvenliği Eğitim Kurumları, 2010

Health&Medicine, Pediatric Orthopedics Visiting Professorship, Pennsylvania State University, 2009

Health&Medicine, Pediatrik Ortopedi ve Spine Ziyaretçi Öğretim üyesi, Universiteit Gent, 2009

Health&Medicine, Ziyaretçi Öğretim Üyesi, Texas Scottish Rite Hospital for Children, 2004

Health&Medicine, Ziyaretçi Öğretim Üyesi, University of Texas at San Antonio, 2003

Health&Medicine, Pediatric Orthopedics International Fellowship, University of Texas Health Science Center San Antonio, UTHSCSA, 1998

Health&Medicine, Bone Banking and Adult Reconstruction, , Musculoskeletal Transplant Foundation (MTF ), 1996

## Dissertations

Expertise In Medicine, Doğuştan Çarpık Ayakta Trans-mid tarsal Osteotomi, Eskisehir Osmangazi University, TIP FAKÜLTESİ, CERRAHİ TIP BİLİMLERİ BÖLÜMÜ, 1997

## Research Areas

Orthopedics and Traumatology, Clinical Engineering, Biomaterials

## Academic Titles / Tasks

Professor, Eskisehir Osmangazi University, TIP FAKÜLTESİ, CERRAHİ TIP BİLİMLERİ BÖLÜMÜ, 2007 - Continues  
Associate Professor, Eskisehir Osmangazi University, TIP FAKÜLTESİ, CERRAHİ TIP BİLİMLERİ BÖLÜMÜ, 2002 - 2007  
Assistant Professor, Eskisehir Osmangazi University, TIP FAKÜLTESİ, CERRAHİ TIP BİLİMLERİ BÖLÜMÜ, 2000 - 2002  
Lecturer, Eskisehir Osmangazi University, TIP FAKÜLTESİ, CERRAHİ TIP BİLİMLERİ BÖLÜMÜ, 1997 - 2000  
Research Assistant, Eskisehir Osmangazi University, TIP FAKÜLTESİ, CERRAHİ TIP BİLİMLERİ BÖLÜMÜ, 1993 - 1997

## Academic and Administrative Experience

Head of Department, Eskisehir Osmangazi University, TIP FAKÜLTESİ, CERRAHİ TIP BİLİMLERİ BÖLÜMÜ, 2007 - Continues  
Anabilim Dalı Akademik Kurul Üyesi, Eskisehir Osmangazi University, TIP FAKÜLTESİ, CERRAHİ TIP BİLİMLERİ BÖLÜMÜ, 2002 - Continues  
Head of Department, Eskisehir Osmangazi University, TIP FAKÜLTESİ, 2016 - 2020  
Ölçme Değerlendirme Kurulu Üyesi, Eskisehir Osmangazi University, TIP FAKÜLTESİ, CERRAHİ TIP BİLİMLERİ BÖLÜMÜ, 2017 - 2019  
Deputy Head of Department, Eskisehir Osmangazi University, TIP FAKÜLTESİ, CERRAHİ TIP BİLİMLERİ BÖLÜMÜ, 2008 - 2010

## Courses

Skolyoz, Kifoz, Spondilolistezis, Omurga Enfeksiyonları, Postgraduate, 2016 - 2017  
Çocuk Ayak Sorunları, alt Ekstremitede Torsiyonel ve Dizilim Sorunları, Postgraduate, 2016 - 2017  
Omurga Travmatolojisi, Postgraduate, 2016 - 2017  
Protez Oortez Bölümü, Klinik Bilgisi, Associate Degree, 2016 - 2017  
Ortopedi ve Travmatolojide Kullanılan İmplant ve Biyomalzemeler, Postgraduate, 2016 - 2017  
Ortopedi ve Travmatolojide Temel Bilimler, Postgraduate, 2016 - 2017  
Çocuklarda iskelet anomalileri ve Displaziler, Postgraduate, 2016 - 2017

## Advising Theses

Köse N., İmplant ilişkili enfeksiyonların önlenmesinde gümüş iyon katkılı kalsiyum fosfat temelli özel kaplama uygulanmış ortopedik implantların kullanımı, Expertise In Medicine, H.ÇAĞDAŞ(Student), 2020  
Köse N., Gümüş iyon katkılı kalsiyum fosfat seramiklerin kronik osteomyelit deney modelinde etkinliğinin araştırılması, hayvanlarda deneysel çalışma, Expertise In Medicine, Z.MERT(Student), 2016  
Köse N., Çocuk uzun kemik kırıklarında intramedüller tel uygulaması, Expertise In Medicine, A.KÜÇÜK(Student), 2012  
Köse N., Gümüş kaplı titanyum intramedüller rodların açık kırık tedavisinde etkinliğinin araştırılması, hayvanlarda deneysel çalışma, Expertise In Medicine, R.ÇAYLAK(Student), 2010  
Köse N., Hidroksiapatit ve gümüş kaplanmış protez implantların in vivo antimikrobiyal etkinliğinin değerlendirilmesi, hayvanlarda deneysel çalışma, Expertise In Medicine, A.OTUZBİR(Student), 2009  
Köse N., Antimikrobiyal, hidroksiapatit kaplı eksternal fiksator pinlerin etkinliğinin değerlendirilmesi, hayvanlarda deneysel çalışma, Expertise In Medicine, A.ULUDAĞ(Student), 2009  
Köse N., Humerus suprakondiler kırıklarda dış çapraz tellemenin biyomekanik gücünün diğer yöntemlerle karşılaştırılması, Expertise In Medicine, Y.İZZET(Student), 2005  
Köse N., Yenidoğanlarda kalça ekleminin klinik ve ultrasonografik tarama sonuçları, Expertise In Medicine, S.BÜLENT(Student), 2003  
Köse N., Gd-DTPA dimeglumine ve İopromidin kıkırdak ve sinovyal membran üzerindeki etkileri, Expertise In Medicine,

## Jury Memberships

Associate Professor Exam, Associate Professor Exam, Eskişehir Osmangazi Üniversitesi, January, 2023

Associate Professor Exam, Associate Professor Exam, Eskişehir Osmangazi Üniversitesi, January, 2023

Associate Professor Exam, Associate Professor Exam, Eskişehir Osmangazi Üniversitesi, January, 2023

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

- I. **Silver ion-doped calcium phosphate-based bone-graft substitute eliminates chronic osteomyelitis: An experimental study in animals.**  
Köse N., Asfuroğlu Z. M., Köse A., Şahintürk V., Gürbüz M., Doğan A.  
Journal of orthopaedic research : official publication of the Orthopaedic Research Society, vol.39, pp.1390-1401, 2021 (SCI-Expanded)
- II. **Silver ion doped hydroxyapatite-coated titanium pins prevent bacterial colonization**  
Sevencan A., Kartal Doyuk E., Köse N.  
JOINT DISEASES AND RELATED SURGERY, vol.32, no.1, pp.35-41, 2021 (SCI-Expanded)
- III. **Significance of Asymmetry of Groin and Thigh Skin Creases in Developmental Dysplasia of the Hip Revisited: Results of a Comparative Study.**  
ÖMEROĞLU H., Tatlici E., KÖSE N.  
Journal of pediatric orthopedics, vol.40, no.8, 2020 (SCI-Expanded)
- IV. **Associations between risk factors and developmental dysplasia of the hip and ultrasonographic hip type: a retrospective case control study**  
Omeroglu H., Akceylan A., KÖSE N.  
JOURNAL OF CHILDRENS ORTHOPAEDICS, vol.13, no.2, pp.161-166, 2019 (SCI-Expanded)
- V. **Hip and Knee Section, Prevention, Prosthesis Factors: Proceedings of International Consensus on Orthopedic Infections**  
Aboltins C. A., Antoci V., Bhattacharyya S., Cross M., Ducheyne P., Freiberg A. A., Hailer N., Kay P., Ketonis C., Klement M. R., et al.  
Journal Of Arthroplasty, vol.34, no.2, pp.309-320, 2019 (SCI-Expanded)
- VI. **Success of Pavlik Harness Treatment Decreases in Patients  $\geq$  4 Months and in Ultrasonographically Dislocated Hips in Developmental Dysplasia of the Hip**  
Omeroglu H., KÖSE N., Akceylan A.  
CLINICAL ORTHOPAEDICS AND RELATED RESEARCH, vol.474, no.5, pp.1146-1152, 2016 (SCI-Expanded)
- VII. **Silver ion doped ceramic nano-powder coated nails prevent infection in open fractures: In vivo study**  
KÖSE N., Caylak R., Peksen C., Kiremitci A., BURUKOĞLU DÖNMEZ D., KOPARAL A. S., DOĞAN A.  
INJURY-INTERNATIONAL JOURNAL OF THE CARE OF THE INJURED, vol.47, no.2, pp.320-324, 2016 (SCI-Expanded)
- VIII. **Analyses of the modulatory effects of antibacterial silver doped calcium phosphate-based ceramic nano-powder on proliferation, survival, and angiogenic capacity of different mammalian cells in vitro**  
Bostancioglu R. B., Peksen C., Genc H., GÜRBÜZ M., BAYRAKCI KAREL F., Koparal A. S., DOĞAN A., KÖSE N., Koparal A. T.  
BIOMEDICAL MATERIALS, vol.10, no.4, 2015 (SCI-Expanded)
- IX. **Gümüş iyon katkılı kalsiyum fosfat seramiklerin kronik osteomyelit modelinde etkinliğinin araştırılması Tavşanlarda deneysel çalışma**  
KÖSE N., ASFUROĞLU Z. M., GÜRBÜZ M., ŞAHİNTÜRK V., KİREMİTÇİ A., DOĞAN A., KOPARAL A. S.  
Acta Orthopaedica Et Traumatologica Turcica, pp.84, 2015 (SCI-Expanded)

- X. **A Silver Ion-doped Calcium Phosphate-based Ceramic Nanopowder-coated Prosthesis Increased Infection Resistance**  
KÖSE N., Otuzbir A., Peksen C., Kiremitci A., DOĞAN A.  
CLINICAL ORTHOPAEDICS AND RELATED RESEARCH, vol.471, no.8, pp.2532-2539, 2013 (SCI-Expanded)
- XI. **A new syndrome mimicking Jaffe-Campanacci syndrome: a case report**  
SEVENCAN A., İNAN U., KÖSE N.  
EKLEM HASTALIKLARI VE CERRAHISI-JOINT DISEASES AND RELATED SURGERY, vol.24, no.1, pp.46-48, 2013 (SCI-Expanded)
- XII. **Rotational alignment of the lower extremity in adults: no relationship with osteoarthritis of the knee was proved**  
Akalin Y., Ozcelik A., KÖSE N., Seber S.  
EKLEM HASTALIKLARI VE CERRAHISI-JOINT DISEASES AND RELATED SURGERY, vol.22, no.2, pp.75-80, 2011 (SCI-Expanded)
- XIII. **Percutaneous Release for Trigger Thumbs in Children: Improvements of the Technique and Results of 31 Thumbs**  
SEVENCAN A., İNAN U., KÖSE N., Omeroglu H., Seber S.  
JOURNAL OF PEDIATRIC ORTHOPAEDICS, vol.30, no.7, pp.705-709, 2010 (SCI-Expanded)
- XIV. **A two-dimensional wrist model for carpal instability and force transmission**  
Seber S., GÖKDEMİR H., ÖZÇELİK A., Gunal I., Aydın R., KÖSE N.  
EKLEM HASTALIKLARI VE CERRAHISI-JOINT DISEASES AND RELATED SURGERY, vol.19, no.3, pp.127-132, 2008 (SCI-Expanded)
- XV. **Smooth uncemented femoral stems do not provide torsional stability of femurs with cortical defects**  
KÖSE N., Mabrey J. D., Wang X., Agrawal C. M.  
EKLEM HASTALIKLARI VE CERRAHISI-JOINT DISEASES AND RELATED SURGERY, vol.19, no.2, pp.66-71, 2008 (SCI-Expanded)
- XVI. **Effects of intraarticular contrast media on synovial membrane and cartilage - An electron microscopic evaluation in rabbit knees**  
KÖSE N., Inan U., Baycu C., Omeroglu B., Seber S.  
SAUDI MEDICAL JOURNAL, vol.28, no.5, pp.713-716, 2007 (SCI-Expanded)
- XVII. **Percutaneous reduction of irreducible forearm fractures in children**  
Köse N., Goektuerk E., Turgut A., Seber S., Guenal I.  
ORTHOPEDICS, vol.29, no.7, pp.584-586, 2006 (SCI-Expanded)
- XVIII. **Our three-year experience with an ultrasonographic hip screening program conducted in infants at 3 to 4 weeks of age Uç-dört haftalık bebeklerde yürütülen ultrasonografik kalça taraması programında üç yıllık deneyimimiz.**  
KÖSE N., Omeroğlu H., Ozyurt B., AKÇAR N., ÖZÇELİK A., İNAN U., Seber S.  
Acta orthopaedica et traumatologica turcica, vol.40, no.4, pp.285-290, 2006 (SCI-Expanded)
- XIX. **Stress views in the radiography of scapholunate instability**  
Ozcelik A., Gunal I., KÖSE N.  
EUROPEAN JOURNAL OF RADIOLOGY, vol.56, no.3, pp.358-361, 2005 (SCI-Expanded)
- XX. **Wrist ligaments: their significance in carpal instability.**  
Özçelik A., Günal I., KÖSE N., Seber S., Ömeroğlu H.  
Ulusal travma ve acil cerrahi dergisi = Turkish journal of trauma & emergency surgery : TJTES, vol.11, no.2, pp.115-20, 2005 (SCI-Expanded)
- XXI. **Bilateral spontaneous quadriceps tendon ruptures in a patient with Bardet-Biedl syndrome.**  
Akcar N., Adapinar B., Ucar B., KÖSE N.  
Orthopedics, vol.27, no.10, 2004 (SCI-Expanded)
- XXII. **The effect of opening wedge thoracostomy insufficiency syndrome associated with fused ribs and congenital scoliosis**  
Campbell R., Smith M., Mayes T., Mangos J., Willey-Courand D., KÖSE N., Pinero R., Alder M., Duong H., Surber J.  
JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME, no.8, pp.1659-1674, 2004 (SCI-Expanded)

- XXIII. **Giant cystic lymphangioma cavernosum of lower limb with overlying lymphangioma circumscriptum**  
Seber S, KÖSE N, Turgut A, Ozcelik A, Gokturk E.  
JOURNAL OF PEDIATRIC ORTHOPAEDICS-PART B, vol.13, no.4, pp.284-286, 2004 (SCI-Expanded)
- XXIV. **Congenital scoliosis**  
KÖSE N, Campbell R.  
MEDICAL SCIENCE MONITOR, vol.10, no.5, 2004 (SCI-Expanded)
- XXV. **The characteristics of thoracic insufficiency syndrome associated with fused ribs and congenital scoliosis**  
Campbell R, Smith M, Mayes T, Mangos J, Willey-Courand D, KÖSE N, Pinero R, Alder M, Duong H, Surber J.  
JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME, no.3, pp.399-408, 2003 (SCI-Expanded)
- XXVI. **The efficacy of pulsed electromagnetic fields used alone in the treatment of femoral head osteonecrosis: a report of two cases Femur başı osteonekrozu sagaltiminda darbeli elektromanyetik alanin iki olguda tek başına kullanimi.**  
Seber S, Omeroglu H, Cetinkanat H, KÖSE N.  
Acta orthopaedica et traumatologica turcica, vol.37, no.5, pp.410-413, 2003 (SCI-Expanded)
- XXVII. **Medium-term results of trapezio-lunate external fixation for scaphoid fractures**  
Gunal Y, Oztuna V, Ozcelik A, KÖSE N, Turgut A, Gokturk E, Seber S.  
JOURNAL OF HAND SURGERY-BRITISH AND EUROPEAN VOLUME, no.5, pp.410-412, 2002 (SCI-Expanded)
- XXVIII. **Endoscopy, assisted percutaneous repair of the Achilles tendon ruptures: a cadaveric and clinical study**  
Turgut A, Gunal I, Maralcan G, KÖSE N, Gokturk E.  
KNEE SURGERY SPORTS TRAUMATOLOGY ARTHROSCOPY, vol.10, no.2, pp.130-133, 2002 (SCI-Expanded)
- XXIX. **Prevention of heterotopic ossification after total hip replacement - A prospective comparison of indomethacin and salmon calcitonin in 60 patients**  
Gunal I, Hazer B, Seber S, Gokturk E, Turgut A, KÖSE N.  
ACTA ORTHOPAEDICA SCANDINAVICA, vol.72, no.5, pp.467-469, 2001 (SCI-Expanded)
- XXX. **Setscrew distal locking for intramedullary nails: A biomechanical study**  
KÖSE N, Gunal I, Wang X, Athanasiou K, Agrawal C, Mabrey J.  
JOURNAL OF ORTHOPAEDIC TRAUMA, vol.14, no.6, pp.414-419, 2000 (SCI-Expanded)
- XXXI. **Proximal femoral osteotomy**  
KÖSE N.  
JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME, no.5, pp.750-751, 2000 (SCI-Expanded)
- XXXII. **Rotational profile of the lower extremity and foot progression angle: computerized tomographic examination of 50 male adults**  
Seber S, Hazer B, KÖSE N, Gokturk E, Gunal I, Turgut A.  
ARCHIVES OF ORTHOPAEDIC AND TRAUMA SURGERY, vol.120, pp.255-258, 2000 (SCI-Expanded)
- XXXIII. **Evaluation of simple excision in the treatment of symptomatic accessory navicular associated with flat feet**  
Kiter E, Günal I, TURGUT A, KÖSE N.  
Journal of Orthopaedic Science, vol.5, no.4, pp.333-335, 2000 (SCI-Expanded)
- XXXIV. **Tuberculous abscess of the brachialis and biceps brachii muscles without osseous involvement. A case report.**  
Seber S, KÖSE N.  
Journal of Bone and Joint Surgery - Series A, vol.81, no.12, pp.1788, 1999 (SCI-Expanded)
- XXXV. **Untitled**  
Seber S, KÖSE N.  
JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME, no.12, pp.1788, 1999 (SCI-Expanded)
- XXXVI. **Treatment of severe residual clubfoot deformity by trans-midtarsal osteotomy**  
KÖSE N, Gunal I, Gokturk E, Seber S.  
JOURNAL OF PEDIATRIC ORTHOPAEDICS-PART B, vol.8, no.4, pp.251-256, 1999 (SCI-Expanded)
- XXXVII. **Oxidant status increased during fracture healing in rats**

- Turgut A, Gokturk E, KÖSE N, Kacmaz M, Ozturk H, Seber S, Acar S.  
ACTA ORTHOPAEDICA SCANDINAVICA, vol.70, no.5, pp.487-490, 1999 (SCI-Expanded)
- XXXVIII. **Structural properties of the fibular band in congenital total absence of the fibula**  
Gunal I, Turgut A, KÖSE N.  
ARCHIVES OF ORTHOPAEDIC AND TRAUMA SURGERY, vol.119, pp.217-219, 1999 (SCI-Expanded)
- XXXIX. **The relationship of heel pad elasticity and plantar heel pain**  
Turgut A, Gokturk E, KÖSE N, Seber S, Hazer B, Gunal I.  
CLINICAL ORTHOPAEDICS AND RELATED RESEARCH, no.360, pp.191-196, 1999 (SCI-Expanded)
- XL. **The crowded wrist - a case with accessory carpal bones**  
KÖSE N, Ozcelik A, Gunal I.  
ACTA ORTHOPAEDICA SCANDINAVICA, vol.70, no.1, pp.96-98, 1999 (SCI-Expanded)
- XLI. **Total hip arthroplasty in an adult with proximal femoral focal deficiency**  
KÖSE N, Campbell R, Lored R, Wammack L, Mabrey J.  
JOURNAL OF ARTHROPLASTY, vol.13, no.3, pp.356-360, 1998 (SCI-Expanded)
- XLII. **Spontaneous bilateral hip fractures in a patient with steroid-induced osteoporosis - a case report**  
KÖSE N, Ozcelik A, Gunal I, Seber S.  
ACTA ORTHOPAEDICA SCANDINAVICA, vol.69, no.2, pp.195-196, 1998 (SCI-Expanded)
- XLIII. **Simple bone cysts treated by percutaneous autologous marrow grafting**  
Gokturk E, KÖSE N.  
JOURNAL OF BONE AND JOINT SURGERY-BRITISH VOLUME, no.4, pp.695, 1997 (SCI-Expanded)
- XLIV. **Patellectomy with vastus medialis obliquus advancement for comminuted patellar fractures - A prospective randomised trial**  
Gunal I, Taymaz A, KÖSE N, Gokturk E, Seber S.  
JOURNAL OF BONE AND JOINT SURGERY-BRITISH VOLUME, no.1, pp.13-16, 1997 (SCI-Expanded)
- XLV. **Simple bone cysts treated by percutaneous autologous marrow grafting (multiple letters) [1]**  
Gokturk E, KÖSE N, Wientroub S.  
Journal of Bone and Joint Surgery - Series B, vol.79, no.4, pp.695, 1997 (SCI-Expanded)
- XLVI. **Compartment syndrome after intraosseous infusion: An experimental study in dogs**  
Gunal I, KÖSE N, Gurer D.  
JOURNAL OF PEDIATRIC SURGERY, vol.31, no.11, pp.1491-1493, 1996 (SCI-Expanded)
- XLVII. **Normal range of motion of the joints of the upper extremity in male subjects, with special reference to side**  
Gunal I, KÖSE N, Erdogan O, Gokturk E, Seber S.  
JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME, no.9, pp.1401-1404, 1996 (SCI-Expanded)
- XLVIII. **Talectomy with displacing the foot anteriorly and medial malleolus laterally Die talectomie mit verschiebung des fußes nach ventral und des innenknöchels nach lateral**  
Gunal I, KÖSE N, Seber S.  
Operative Orthopädie und Traumatologie, vol.8, no.4, pp.287-293, 1996 (SCI-Expanded)
- XLIX. **Avascular necrosis of the scaphoid treated by total excision and radial advancement osteotomy**  
Gunal I, Oztuna V, KÖSE N, Seber S.  
JOURNAL OF HAND SURGERY-BRITISH AND EUROPEAN VOLUME, no.6, pp.736-740, 1995 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Farklı Gözenek Boyutuna Ve Miktarına Sahip Hidroksiapatit Kemik Greftlerinin Mekanik Özelliklerinin İncelenmesi**  
A. G. T, M. G., KÖSE N, DOĞAN A.  
OMÜ Mühendislik Bilimleri ve Teknolojisi Dergisi,, vol.2, no.1, pp.15-23, 2022 (Peer-Reviewed Journal)
- II. **Clinical and Radiological Results of Close Reduction and Intramedullary Elastic Nailing in Pediatric Both Bone Forearm Fractures**

ASFUROĞLU Z. M., KÜÇÜK A., KÖSE N.

Eskisehir Medical Journal, vol.3, no.1, pp.11-16, 2022 (Peer-Reviewed Journal)

- III. **Closed reduction and titanium elastic nailing in diaphyseal femoral and tibial fractures in children**  
Kucuk A., Asfuroglu Z. M., KÖSE N.  
CUKUROVA MEDICAL JOURNAL, vol.47, no.2, pp.563-569, 2022 (ESCI)
- IV. **Evaluation of Load Transmission to the Knee Joint in a Three-dimensional Femur Model Using a Finite Element Analysis Method**  
TEKCAN A., KÖSE N.  
European Archives of Medical Research, vol.37, pp.63-70, 2021 (Peer-Reviewed Journal)
- V. **TIME-DEPENDENT DISSOLUTION BEHAVIOUR OF ANTIMICROBIAL MODIFIED METAL IMPLANTS IN HUMAN BLOOD PLASMA**  
Köse N.  
Orthopaedic Proceedings, vol.102, no.11, pp.1, 2020 (Conference Book)
- VI. **THE USE OF ORTHOPAEDIC IMPLANTS WITH SILVER ION-DOPED CERAMIC COATING IN THE PREVENTION OF IMPLANT-RELATED INFECTIONS**  
Köse N., Köse A. A., Sevenscan A., Doğan A.  
Orthopaedic Proceedings, vol.102, no.11, pp.1, 2020 (Conference Book)
- VII. **Gümüş iyon katkılı kalsiyum fosfat esaslı antimikrobiyal özellikli biyoseramik yapay kemik dokusu**  
Köse N.  
TOTBİD Dergisi, vol.20, pp.77-81, 2020 (Non Peer-Reviewed Journal)
- VIII. **Ultrasonographic Graf type Ila hip needs more consideration in newborn girls**  
Omeroglu H., Caylak R., İNAN U., KÖSE N.  
JOURNAL OF CHILDRENS ORTHOPAEDICS, vol.7, no.2, pp.95-98, 2013 (ESCI)
- IX. **Doğuştan Çarpık Ayakta Residüel Biçim Bozuklukları ve Rekürrenslerde Sağaltım Prensipleri**  
SEVENCAN A., İNAN U., KÖSE N.  
Turkiye Klinikleri Journal of Orthopaedics and Traumatology Special Topics, vol.3, no.4, pp.35-39, 2010 (Peer-Reviewed Journal)
- X. **Pediatric femur neck fractures: a retrospective analysis of 39 hips**  
İNAN U., KÖSE N., Omeroglu H.  
JOURNAL OF CHILDRENS ORTHOPAEDICS, vol.3, no.4, pp.259-264, 2009 (ESCI)
- XI. **Endoskopik Karpal Tünel Gevşetmeleri**  
SEVENCAN A., İNAN U., KÖSE N.  
Turkiye Klinikleri Journal of Orthopaedics and Traumatology Special Topics, vol.2, no.3, pp.47-51, 2009 (Peer-Reviewed Journal)
- XII. **Konjenital Skolyoz ve Torasik Yetmezlik Sendromu**  
KÖSE N., SEVENCAN A.  
TOTBİD (Türk Ortopedi ve Travmatoloji Birliği Derneği) Dergisi, vol.6, pp.95-101, 2007 (Non Peer-Reviewed Journal)
- XIII. **Percutaneous autologous bone marrow grafting for simple bone cysts**  
KÖSE N., GÖKTÜRK E., TURGUT A., GÜNAL İ. H., seber s.  
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- XIV. **Knee joint allotransplantation for osteogenic sarcoma**  
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### I. Flatfoot and pes cavus

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- II. **PRESENTING AND TREATING BONE INFECTIONS USING SILVER-ION CONTAINING NANO-HYDROXYAPATITE**  
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- IV. **Ortopedide Biyomalzemeler Ve İmplantlara Biyolojik Yanıt**  
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- V. **Biological Response to Orthopedic Implants and Biomaterials**  
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- VI. **Application of Nanomaterials in Prevention of Bone and Joint Infections**  
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- VIII. **Çocuk Dizi: Klinik Değerlendirme ve Sık Görülen Hastalıklar**  
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- IX. **Kemik ve İmplant Malzeme ilişkileri**  
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## **Refereed Congress / Symposium Publications in Proceedings**

- I. **18 Aydan Büyük Çocukların Gelişimsel Kalça Displazisi Cerrahi Tedavisinde Medial Yaklaşım Güvenli Midir?**  
TATLICI S. E., KAVAK M., ÖMEROĞLU H., KÖSE N.  
7. Ulusal Çocuk Ortopedisi Kongresi, Ankara, Turkey, 18 - 20 May 2023
- II. **ELEKTRİKLİ MOTORLA ALÇI AÇMADA CİLDİ KORUYAN ETKİN BİR YÖNTEM**  
SEVENCAN A., KÖSE N., İNAN U.  
XXII. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Turkey, 01 November 2011
- III. **Kubital tunel sendromunun cerrahi tedavisinde yeni bir teknik;...**  
SEVENCAN A., KÖSE N., Çeliksöz A. H.  
9. Ulusal Rekonstruktif Mikrocerrahi Kongresi. 2. Ulusal Acil El Cerrahisi ..., Turkey, 18 May 2022
- IV. **Salmonella Typhii'ye Bağlı Gelişen İki Aylık Septik Artrit Olgusu**  
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- V. **Use Of Coated Nails To Prevent Infection In Compound Injuries**  
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- VI. **State Of The Art Surgical Site Infection Management**  
KÖSE N.  
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- VII. **THE USE OF ORTHOPAEDIC IMPLANTS WITH SILVER ION-DOPED CERAMIC COATING IN THE PREVENTION OF IMPLANT-RELATED INFECTIONS**  
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- VIII. **TIME-DEPENDENT DISSOLUTION BEHAVIOUR OF ANTIMICROBIAL MODIFIED METAL IMPLANTS IN HUMAN BLOOD PLASMA**  
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- IX. **Dirsek Çevresi Kırık Komplikasyonları**  
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29 . Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Turkey, 22 - 27 October 2019
- X. **Trailers periosteal compression between effect on fracture healing experimental examination**  
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29. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Turkey, 22 - 27 October 2019, vol.53, pp.40
- XI. **ÇOCUKLARDA SUPRAKONDİLER KIRIKLA Kapalı Redüksiyon - Perkütan Telleme**  
KÖSE N.  
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- XII. **SILVER ION-DOPED CALCIUM PHOSPHATE-BASED CERAMIC(SILVERON)-COATED EXTERNAL FIXATOR PINS FOR PREVENTING IMPLANT-RELATED INFECTION**  
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- XIII. **Dissolution Behavior Of Silver Ion Doped Hydroxyapatite Coating On Metal Implant In Blood Plasma**  
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IV. International Ceramic, Glass, Porcelain, Enamel, Glaze and Pigment Congre, 10 - 12 October 2018
- XIV. **Çocuk Femur Diyafiz Ve Tibia DiyafizKırıklarında Kapalı Redüksiyon Ve Titanyum Elastik Çivileme Geriye DönükKarşılaştırmalı Çalışma**  
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- XV. **Silver Ion-Doped Calcium Phosphate-Based Ceramic (Silveron®)-Coated External Fixator Pins For Preventing Implant-Related Infection**  
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- XVI. **PREVENTION: PROSTHESIS FACTORSAre there implant materials that mitigate the risk for surgical site infections/periprosthetic joint infections (SSIs/PJIs) after total joint arthroplasty (TJA)?**  
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- XVII. **In Vivo Behaviour of AG Ion Doped Calcium Phosphate based Ceramic Powder Coating on Ti6Al4V Implants**  
PEKŞEN C., ÇAYLAK R., KÖSE N., DOĞAN A.  
4th International Conference Expo on Ceramics Composites Materials, ROMA, Italy, 14 - 15 May 2018
- XVIII. **BIOMECHANICALLY COMPARISONS OF CONIC COMPRESSIVE SCREW FIXATION EFFECTIVITY WITH PLATE+SCREW, AND K-WIRE FIXATION METHODS FOR DISTAL RADIUS FRACTURES**  
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- XIX. **Silver Ion Doped Calcium Phosphate Based Ceramic Coated External Fixator Pins For Preventing Implant Related Infection**  
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- XX. **Çocuklarda Suprakondiler Kırıklarda Perkütan Lateral Çapraz Telleme**  
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2. Ulusal Çocuk Ortopedisi Kongresi, Turkey, 16 - 18 March 2018
- XXI. **Ortopedist Açısından Biyomalzemeler Ve Yapay Kemikler**  
KÖSE N.  
3. TOTBID TOAK Turk Ortopedik Arastirma Konseyi Deneysel Arastirma Egitimi Kursu, Turkey, 11 - 13 November 2016
- XXII. **Gümüş İyon Katkılı Kalsiyum Fosfat Seramiklerin Kronik Osteomyelit Deney Modelinde Etkinliğinin Araştırılması Hayvanlarda Deneysel Çalışma**  
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- XXIII. **Silver ions doped calcium phosphate ceramic grafts are effective in the treatment of chronic osteomyelitis An experimental study in rabbits**  
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- XXIV. **Silver Ions Doped Calcium Phosphate Ceramic Grafts Are Effective In The Treatment Of Chronic Osteomyelitis**  
KÖSE N., ASFUROĞLU Z. M., GÜRBÜZ M., ŞAHİNTÜRK V., KİREMİTÇİ A., DOĞAN A.  
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- XXV. **Both family history and swaddling are correlated with the occurrence and hip types in developmental dysplasia of the hip**  
ÖMEROĞLU H., KÖSE N., AKCEYLAN A.  
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- XXVI. **İmplant Çıkarılması Ne Zaman**  
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1. Ulusal Çocuk Ortopedisi Kongresi, Turkey, 10 - 12 March 2016
- XXVII. **Gelişimsel Kalça Displazisi Tedavisinde Pavlik Yöntemi Başarısı Üzerine Etki Eden Faktörler**  
ÖMEROĞLU H., KÖSE N., AKCEYLAN A.  
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- XXVIII. **Risk Faktörleri Varlığının Gelişimsel Kalça Displazisinin Görülmesi ve Kalça Tipi Üzerine Etkisi**  
ÖMEROĞLU H., KÖSE N., AKCEYLAN A.  
1. Ulusal Çocuk Ortopedisi Kongresi, Turkey, 10 - 12 March 2016
- XXIX. **Ortopedide Kullanılan Biyomalzemeler**  
KÖSE N.  
(TBAO) Temel Bilimler ve Araştırma Okulu, Turkey, 4 - 06 March 2016
- XXX. **Pavlik Method Failure Rises Over Age Three Months and in Severe Hip Types in Developmental Hip Dysplasia**  
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AAOS 2016 ANNUAL MEETING, 1 - 05 March 2016
- XXXI. **Pev patolojik anatomi du zeltme prensipleri**  
KÖSE N.  
Gelişimsel Kalça Displazisi, Pes Ekinovarus Kursu, Turkey, 20 - 21 February 2016
- XXXII. **Ponseti yöntemi uygulaması**  
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Gelişimsel Kalça Displazisi ve Pes Ekinovarus Kursu, Turkey, 20 - 21 February 2016
- XXXIII. **PEV**  
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VII. ÇEP Çekirdek Eğitim Programı , Klinik Bilgi Yenileme Kursun, Turkey, 20 - 21 February 2016
- XXXIV. **Gümüş iyon katkılı kalsiyum fosfat seramiklerin kronik osteomyelit modelinde etkinliğinin araştırılması Tavşanlarda deneysel çalışma**  
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- XXXV. **A new area for F 18 NaF PET CT Avascular Necrosis of the Femoral Head as a benign disease**  
AK SİVRİKOZ İ., ÖNER H., KÖSE N.  
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- XXXVI. **A new area for F-18 NaF PET/CT: Avascular Necrosis of the Femoral Head as a benign disease**  
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28th Annual Congress of the European-Association-of-Nuclear-Medicine (EANM), Hamburg, Germany, 10 - 14 October 2015, vol.42
- XXXVII. **Pavlik Harness Treatment Considerably Tends to Fail Over 4 Months of Age and in Dislocated Hips in Developmental Dysplasia of the Hip**  
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- XXXVIII. **Silver Ion Doped Calcium Phosphate Based Ceramic Nano powder Coated Titanium Pins Prevents Bacterial Colonization**  
KÖSE N.  
5 Biennial Congress of the Asia Pacific Trauma Society (APOA 2015), 13 - 15 March 2015
- XXXIX. **Prospective review of 71 children with the diagnosis of pulled elbow**  
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XIXth Congress of the FESSH 2014, France, 06 June 2014
- XL. **Sartorius Muscle Pedicle İliac Bone Graft for the Treatment of Osteonecrosis of the Femoral Head**  
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- XLI. **ERİŞKİN VE ÇOCUKLARDA PERKÜTAN TETİK PARMAK GEVŞETMELERİ**  
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XXII. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Turkey, 01 November 2011
- XLII. **Percutaneous Release for Trigger Fingers İmprovement on this technique results of 87 fingers**  
SEVENCAN A., İNAN U., KÖSE N., ÖMEROĞLU H., seber s.  
11. TriennialCongress of the İnternational Federation of Societies for Surgery of The Hand, 31 October - 04 November 2010
- XLIII. **Fracture type primarily influences the final outcome in pediatric hip fractures**  
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EFORT - European Federation of National Associations of Orthopaedics and Traumatology (10th Congress), 2 - 05 June 2010, vol.92, pp.598
- XLIV. **Percutaneous release for trigger thumb in children**  
SEVENCAN A., KÖSE N., İNAN U., ÖMEROĞLU H., Seber S.  
28th Annual Meeting of the EPOS., 1 - 04 April 2009
- XLV. **Serebral Palsili Adölesan ve Erişkinlerde Alt Ekstremitte Sorunlarının Aynı Seansta Cerrahi Tedavisi**  
ÖMEROĞLU H., İNAN U., KÖSE N., UYSAL H. H.  
XIX. Milli Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Turkey, 14 - 19 May 2005
- XLVI. **Is clinical and ultrasonographic screening for DDH at 3-4 weeks of age effective**  
Köse N., Özyurt S. B., Akçar N., Özçelik A., İnan U., Seber S.  
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- XLVII. **The correlation between four widely used radiographic indicators of DDH in normal and dysplastic hips**  
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21st Annual Meeting of the european paediatric orthopaedic society (EPOS), İstanbul, Turkey, 17 April 2002, pp.168
- XLVIII. **Trapezio-lunate external fixation for scaphoid fractures**  
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F.E.S.S.H Sixth Congress, Bonn, Germany, 26 May 1999, vol.24, no.2667681, pp.22
- XLIX. **Kırık iyileşmesi periyodunda serbest radikallerin etkisi**

TURGUT A., GÖKTÜRK E., ACAR S., KAÇMAZ M., ÖZTÜRK H. S., SEBER S., KÖSE N.

Serbest Radikaller ve Antioksidanlar Araştırma Derneği II. Ulusal Kongresi, Turkey, 19 - 22 May 1999

**L. Spor yapan ve yapmayan genç bayanlarda vücut yağ oranları ve yağ dağılımları Sözlü Sunum Sempozyumu 2 4 Nisan 1998 İzmir**

İNAN U., KÖSE N., TURGUT A., SİNAN S., SEBER S.

I. Ortopedik Fizyoterapi ve Rehabilitasyon, Turkey, 2 - 04 April 1998

**LI. Smooth uncemented femoral stems do not provide torsional stability of femurs with cortical defects**

Mabrey J., KÖSE N., Wang X., Lanctot D., Jaroszewski D., Athanasiou K., Agrawal C.

Proceedings of the 1998 17th Southern Biomedical Engineering Conference, San-Antonio, Northern Mariana Islands, 6 - 08 February 1998, pp.57

**LII. The effect of aerobic and unaerobic exercises on the level of blood free oxygen radicals**

TURGUT A., azboy o., KÖSE N., AKYÜZ F., İNAL M., seber s.

balkan sports medicine congress, 1 - 04 October 1997

## Supported Projects

Eker Sarıbozacı A., Köse N., Güneş S., Semerci Sevimli T., Uysal H. H., TUBITAK Project, Menisküs Hasarlı Hastaların Tedavisinde Kök Hücre Kaynaklı Eksozom Tedavi Protokolünün Geliştirilmesi, 2020 - 2025

Göncü Y., Şentürk H., Kar F., Çakır Gündoğdu A., Ay G. M., Köse N., Özbayer C., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Dejenere sinovial sıvılar için hareketi kolaylaştırmaya yönelik yeni sentezlenmiş enjekte edilebilir bor nitrür hyalüronik asit hibrit hidrojellerin tribolojisi ve osteoartrit üzerinde moleküler araştırmaları, 2022 - 2024

Köse N., Project Supported by Higher Education Institutions, Kemik Enfeksiyonlarının Tedavisinde Antimikrobiyal Etkili Yapay Kemik Doku Greftlerinin Kullanımı, 2019 - 2022

Köse N., TUBITAK Project, İmplant İlişkili Enfeksiyonların Önlenmesinde Gümüş İyon Katkılı Kalsiyum Fosfat Temelli Özel Kaplama Uygulanmış Ortopedik İmplantların Kullanımı, 2017 - 2020

Köse N., KOSGEB, Kemik Enfeksiyonlarının Tedavisinde Gümüş İyon Katkılı Yapay Kemik Grefti Geliştirilmesi, 2015 - 2018

KÖSE N., Project Supported by Higher Education Institutions, Metalik Vidaların CaP ile Kaplanması, 2016 - 2017

Köse N., Project Supported by Higher Education Institutions, Gümüş İyon Katkılı Kalsiyum Fosfat Seramiklerin Kronik Osteomyelit Deney Modelinde Etkinliğinin Araştırılması Hayvanlarda Deneysel Çalışma, 2014 - 2016

KÖSE N., Project Supported by Higher Education Institutions, Gümüş İyon Katkılı Kalsiyum Fosfat Seramiklerin Kronik Osteomyelit Deney Modelinde Etkinliğinin Araştırılması. Hayvanlarda Deneysel Çalışma, 2014 - 2015

Köse N., Association (NGO), Gümüş ve Hidroksi Apatit Kaplı İmplantların İnvitro Antimikrobiyal Etkinliği, 2009 - 2010

## Patent

Köse N., TIBBİ İMPLANTLARIN ENFEKSİYONA KARŞI GÜMÜŞ İYON KATKILI KALSİYUM FOSFAT TEMELLİ ANTİMİKROBİYAL SERAMİK MALZEMELERLE KAPLANMASI, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: 2016/18844 , Standard Registration, 2022

Köse N., Gümüş iyon katkılı kalsiyum fosfat esaslı antimikrobiyal özellikli biyoseramik yapay kemik dokusu., Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: 2016 18844 , Standard Registration, 2020

## Activities in Scientific Journals

Medikal İnovasyon ve Teknoloji Dergisi , Committee Member, 2020 - Continues

Journal of Orthopaedic Surgery and Research, Committee Member, 2018 - Continues

Totbid Dergisi, Publication Committee Member, 2016 - 2018

## Memberships / Tasks in Scientific Organizations

TUBİTAK SBAG, Executive Board Member, 2021 - Continues, Turkey  
APOA Enfeksiyon Seksiyonu Başkan, Board Member, 2018 - Continues, Malaysia  
Çocuk Ortopedisi Derneği, Member, 2010 - Continues, Turkey  
TOTDER, Member, 1995 - Continues, Turkey  
Türk Ortopedi ve Travmatoloji Derneği, Member, 1995 - Continues, Turkey  
TUBİTAK SBAG ÇPDK, Member of Advisory Board, 2018 - 2021, Turkey  
TUBİTAK SBAG , Member of Advisory Board, 2018 - 2021, Turkey  
Avrupa Çocuk Ortopedisi Derneği, Member of Advisory Board, 2018 - 2020, Switzerland  
Türk Tabipler Birliği, Member, 1990 - 2020, Turkey  
Çocuk Ortopedisi Derneği, Chairman, 2010 - 2011, Turkey  
New York Academy of Sciences, Member, 2009 - 2010, United States Of America  
Çocuk Ortopedisi Derneği, Board Member, 2008 - 2010, Turkey

## Scientific Refereeing

BONE & JOINT RESEARCH, SCI Journal, November 2020  
INJURY-INTERNATIONAL JOURNAL OF THE CARE OF THE INJURED, SCI Journal, January 2020  
CLINICAL ORTHOPAEDICS AND RELATED RESEARCH, SCI Journal, January 2020  
JOURNAL OF ALLOYS AND COMPOUNDS, SCI Journal, May 2018  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Eskisehir Osmangazi University, Turkey, January 2018

## Tasks In Event Organizations

Köse N., I. Uluslararası Tıp, Sağlık ve İletişim Bilimleri Kongresi , Scientific Congress, Turkey, Ekim 2021  
Köse N., 21st APOA Biennial Congress , Scientific Congress, Malaysia, Temmuz 2021  
Köse N., Hareket ve Motor Kontrol Kongresi, Scientific Congress, Turkey, Mayıs 2021  
Köse N., Hareket ve Motor Kontrol Kongresi (HAMOK2021), Scientific Congress, Eskişehir, Turkey, Mayıs 2021  
Köse N., EORS, Scientific Congress, Turkey, Eylül 2020

## Metrics

Publication: 124  
Citation (WoS): 1349  
Citation (Scopus): 1637  
H-Index (WoS): 17  
H-Index (Scopus): 19

## Congress and Symposium Activities

20. Temel Bilimler ve Araştırma Okulu, Invited Speaker, Ankara, Turkey, 2021

## Invited Talks

ÇOD kalça Kursu, Seminar, Türk çocuk ortopedisi derneği, Turkey, April 2023

Tübitak SBAG 1001 Proje yazma eğitimi, Conference, Tübitak, Turkey, March 2021

GKD , Seminar, Ufuk Üniversitesi, Turkey, January 2019

## **Scholarships**

Musculoskeletal Transplant Foundation Bone Banking, Other International Organizations, 1995 - 1995

## **Awards**

Köse N., En İyi Uzmanlık Tezi Ödülü, Türk Ortopedi Ve Travmatoloji Birliği Derneği, November 2016

Köse N., Best Musculoskeletal Infection Paper, Asia Pacific Orthopaedic Association (Apoa), November 2015

Köse N., Prof Dr Önder Baran Ödülü, Dokuz Eylül Üniversitesi, July 2014

Köse N., Sevcancan A., Doğan A., En İyi Sözlü Bildiri, Xxı Ulusal Türk Ortopedi Ve Travmatoloji Kongresi , October 2009

Özçelik A., Günal İ. H., Köse N., Seber S., 2000 Yılı En İyi Bildiri Ödülü, Vıı Türk El Ve Üst Ekstremitte Cerrahisi Kongresi, May 2000

## **Entrepreneurship Activities**

Limited, Orthosense Medikal AR-GE Ltd, 01 January 2015, Founder Owner