

## Assoc. Prof. SERDAR DEMİRÖZ

### Personal Information

**Email:** serdar.demiroz@kocaeli.edu.tr

**Web:** <https://avesis.kocaeli.edu.tr/serdar.demiroz>

### International Researcher IDs

ORCID: 0000-0002-2403-3750

Publons / Web Of Science ResearcherID: AAN-1648-2021

Yoksis Researcher ID: 312555

### Education Information

Expertise In Medicine, University Of Health Sciences, Ankara Keçiören Education And Research Hospital, Department Of Surgical Medical Sciences, Turkey 2011 - 2016

Undergraduate, Marmara University, School Of Medicine, Turkey 2002 - 2009

### Research Areas

Health Sciences

### Academic Titles / Tasks

Assistant Professor, Kocaeli University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, 2021 - Continues

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

- I. **Use of Tibial Cortical Autograft for the Osteotomy Site in Medial Opening-Wedge High Tibial Osteotomy**  
KESEMENLİ C. C., DEMİRÖZ S., MEMİŞOĞLU K., Erdemir C., Yonga O., TEMEZ F., KARADENİZ E.  
ORTHOPAEDIC JOURNAL OF SPORTS MEDICINE, vol.12, no.3, 2024 (SCI-Expanded)
- II. **Evaluation of patients with pathological fractures treated by standard trauma principles but neglecting the underlying malign bone disease**  
DEMİRÖZ S., ÖKTEM F., Celik A., Erdogan O., ÖZKAN K., GÜRKAN V.  
INJURY-INTERNATIONAL JOURNAL OF THE CARE OF THE INJURED, vol.53, no.11, pp.3736-3741, 2022 (SCI-Expanded)
- III. **Humeral fractures sustained during arm wrestling**  
KARADENİZ E., DEMİRÖZ S., ÖKTEM F., MEMİŞOĞLU K., KESEMENLİ C. C.  
EUROPEAN JOURNAL OF TRAUMA AND EMERGENCY SURGERY, vol.48, no.4, pp.3109-3114, 2022 (SCI-Expanded)
- IV. **Tibial cancellous bone auto-grafting for medial open-wedge high tibial osteotomy: bone void filling with tissue harvested from osteotomized medullary canal**  
KESEMENLİ C. C., Yonga O., DEMİRÖZ S., MEMİŞOĞLU K., KARADENİZ E.  
Acta Orthopaedica Belgica, vol.88, no.2, pp.342-346, 2022 (SCI-Expanded)
- V. **Radiologic Outcomes and Complication Analysis of the Posterior Vertebral Column Resection in the Treatment of Previously Operated Severe Kyphoscoliosis: A Retrospective Case Series**

Atici Y, Polat B, Erdogan S, Carkci E, Polat A. E., DEMİRÖZ S., Benli I. T.

WORLD NEUROSURGERY, vol.138, 2020 (SCI-Expanded)

- VI. **Neuroprotective Effects of Lacosamide in Experimental Peripheral Nerve Injury in Rats : A Prospective Randomized and Placebo-Controlled Trial**  
DEMİRÖZ S., Ur K., Bengu A. S., Ulucan A., Atici Y., Erdogan S., Cirakli A., Erdem S.  
JOURNAL OF KOREAN NEUROSURGICAL SOCIETY, vol.63, no.2, pp.171-177, 2020 (SCI-Expanded)
- VII. **Can Breast Asymmetry Following the Treatment of Juvenile Idiopathic Scoliosis with Growing Rod Be Prevented? : A Preliminary Analysis**  
Atici Y., Polat B., Erdogan S., Gurpinar T., DEMİRÖZ S.  
JOURNAL OF KOREAN NEUROSURGICAL SOCIETY, vol.63, no.2, pp.228-236, 2020 (SCI-Expanded)
- VIII. **Computed Tomography-Based Morphometric Analysis of Thoracic Pedicles: An Analysis of 1512 Pedicles and Their Correlation with Sex, Age, Weight and Height**  
DEMİRÖZ S., Erdem S.  
TURKISH NEUROSURGERY, vol.30, no.2, pp.206-216, 2020 (SCI-Expanded)
- IX. **Neuroprotective Effects of Lacosamide in Experimental Traumatic Spinal Cord Injury in Rats**  
DEMİRÖZ S., Ur K., Ulucan A., Bengu A. S., Demiralin Ur F., Gergin O. O., Erdem S.  
TURKISH NEUROSURGERY, vol.29, no.5, pp.718-723, 2019 (SCI-Expanded)
- X. **Lowest Instrumented Vertebrae Selection for Posterior Fusion of Lenke 5C Adolescent Idiopathic Scoliosis: Can We Stop the Fusion One Level Proximal to Lower-end Vertebra?**  
Ketenci I. E., Yanik H. S., Ulusoy A., DEMİRÖZ S., Erdem S.  
INDIAN JOURNAL OF ORTHOPAEDICS, vol.52, no.6, pp.657-664, 2018 (SCI-Expanded)
- XI. **How accurate is visual estimation of perioperative blood loss in adolescent idiopathic scoliosis surgery?**  
Ulusoy A., DEMİRÖZ S., Erdem S.  
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.52, no.4, pp.267-271, 2018 (SCI-Expanded)
- XII. **Serum endocan level and the severity of spinal cord injury**  
Ur K., DEMİRÖZ S., Bengu A. S., Ulucan A., Gergin O. O., Kizmazoglu C., Ozer E.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.119, no.5, pp.298-301, 2018 (SCI-Expanded)
- XIII. **A Rare Complication of Spine Surgery: Case Report of Peripheral Facial Palsy**  
DEMİRÖZ S., Ketenci I. E., Yanik H. S., Erdem S.  
JOURNAL OF NEUROSURGICAL ANESTHESIOLOGY, vol.29, no.4, pp.468-469, 2017 (SCI-Expanded)
- XIV. **Three-Dimensional Correction in Patients With Lenke 1 Adolescent Idiopathic Scoliosis Comparison of Consecutive Versus Interval Pedicle Screw Instrumentation**  
Ketenci I. E., Yanik H. S., DEMİRÖZ S., Ulusoy A., Erdem S.  
SPINE, vol.41, no.2, pp.134-138, 2016 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Mechanisms and Causes of Osteoporotic Hip Fractures in Elderly Patients**  
Ulusoy A., DEMİRÖZ S.  
TURK OSTEOPOROZ DERGISI-TURKISH JOURNAL OF OSTEOPOROSIS, vol.26, no.1, pp.19-22, 2020 (ESCI)
- II. **Prevalence of Intra-spinal Pathologies in Adolescent Idiopathic Scoliosis Patients**  
DEMİRÖZ S., Erdem S.  
JOURNAL OF ACADEMIC RESEARCH IN MEDICINE-JAREM, vol.10, no.1, pp.6-9, 2020 (ESCI)
- III. **Intraspinal Anomalies in Individuals with Scheuermann's Kyphosis: Is the Routine Use of Magnetic Resonance Imaging Necessary for Preoperative Evaluation?**  
DEMİRÖZ S., Ketenci I. E., Yanik H. S., Bayram S., Ur K., Erdem S.  
ASIAN SPINE JOURNAL, vol.12, no.4, pp.697-702, 2018 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Önkol Açık Kırık Nedeniyle Ameliyat Edilen Hastada Kimyasal Maruziyete Bağlı Gelişen Dirençli Aritmi ve Yoğun Bakım İhtiyacı: Olgu Sunumu.**  
DEMİRÖZ S.  
4. Trakya Acil Tıp Günleri, İstanbul, Turkey, 20 - 22 December 2019
- II. **Adolesan İdiopatik Skolyozda Kot Rezeksiyonunun Kanama Miktarına Etkisi - Does Rib Resection Influence the Amount of Perioperative Blood Loss in Corrective Surgery for Adolescent Idiopathic Scoliosis.**  
DEMİRÖZ S., KORKMAZ M., UR K.  
(International Medical Congress of Izmir Democracy University – IMCIDU, İzmir, Turkey, 6 - 08 December 2019)
- III. **S1 Pedikül Vidasını Güvenli Bir Şekilde Gönderebilmek İçin Uygun Boy ve Açılanma Miktarının Belirlenmesi. Tomografi Tabanlı Morfometrik Çalışma.**  
DEMİRÖZ S., KORKMAZ M.  
15. Sinir sistemi cerrahisi kongresi, Edirne, Turkey, 21 - 24 November 2019
- IV. **Juvenil idiyopatik skolyozlu hastaların growing rod ile tedavi sonrası meme asimetrisi engellenebilir mi?**  
ATICI Y., POLAT B., ERDOĞAN S., GÜRPINAR T., DEMİRÖZ S.  
29. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Turkey, 22 - 27 October 2019
- V. **Low-energy trauma-induced bilateral isolated posteromedial tibial plateau fracture in a healthy young adult**  
DEMİRÖZ S., COŞKUN T.  
20th Asia Pacific Orthopaedic Association Congress, Antalya, Turkey, 10 - 14 April 2018
- VI. **A New Molecule Endocan Could Be a Biomarker of Injury Severity in Spinal Cord Injury? An experimental study in rats.**  
UR K., DEMİRÖZ S., BENGÜ A. Ş., ULUCAN A., ÖZ GERGİN Ö., KIZMAZOĞLU C., ÖZER E.  
20th Asia Pacific Orthopaedic Association Congress, Antalya, Turkey, 10 - 14 April 2018
- VII. **Lenke tip 5 c AIS hastalarında alt enstrumante edilen vertebra seçimi.**  
KETENCİ İ. E., YANIK H. S., DEMİRÖZ S., ULUSOY A., ERDEM Ş.  
25. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Turkey, 27 October - 01 November 2015
- VIII. **Lenke tip 3c ve 6c AIS hastalarında üst enstrumante edilen vertebra seviyesinin servikal dizilime etkisi**  
YANIK H. S., KETENCİ İ. E., DEMİRÖZ S., ULUSOY A., ERDEM Ş.  
25. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Turkey, 27 October - 01 November 2015
- IX. **İntraspinal anomalies in adolescent idiopathic scoliosis: Is routine use of MRI necessary?**  
DEMİRÖZ S., KETENCİ İ. E., YANIK H. S., ULUSOY A., ERDEM Ş.  
11th International Turkish Spine Congress, İzmir, Turkey, 29 April - 03 May 2015
- X. **Lowest instrumented vertebrae selection for posterior fusion of Lenke 5C AIS: Can we stop the fusion at lower-end vertebrae-1?**  
KETENCİ İ. E., YANIK H. S., ULUSOY A., DEMİRÖZ S., SOYARSLAN M., ERDEM Ş.  
11th International Turkish Spine Congress, İzmir, Turkey, 29 April - 03 May 2015
- XI. **The effect of postoperative thoracic kyphosis on cervical sagittal alignment after long fusion of type 3C and 6C AIS curves.**  
YANIK H. S., KETENCİ İ. E., DEMİRÖZ S., GÖKEL F., ULUSOY A., ERDEM Ş.  
11th International Turkish Spine Congress, İzmir, Turkey, 29 April - 03 May 2015
- XII. **The effect of surgical treatment on pulmonary functions in adolescent idiopathic scoliosis.**  
KETENCİ İ. E., YANIK H. S., ULUSOY A., DEMİRÖZ S., ERDEM Ş.  
11th International Turkish Spine Congress, İzmir, Turkey, 29 April - 03 May 2015
- XIII. **A rare complication of spine surgery: Case report of peripheric facial paralysis**  
KETENCİ İ. E., YANIK H. S., DEMİRÖZ S., ULUSOY A., ERDEM Ş.  
11th International Turkish Spine Congress, İzmir, Turkey, 29 April - 03 May 2015

- XIV. **Clinical outcomes of plating in forearm fractures**  
KETENCİ İ. E., YANIK H. S., ULUSOY A., DEMİRÖZ S., ERDEM Ş.  
5. Ortopedi ve Travmatoloji İstanbul Buluşması, İstanbul, Turkey, 10 - 12 April 2015
- XV. **Bilateral scaphoid fracture at the same time with an unusual trauma. ?**  
DEMİRÖZ S., YANIK H. S., KETENCİ İ. E., AYDOĞMUŞ S., ERDEM Ş.  
5.Ortopedi ve Travmatoloji İstanbul Buluşması, İstanbul, Turkey, 10 - 12 April 2015
- XVI. **Is an insufficiency fracture always innocent?A case report.**  
DEMİRÖZ S., YANIK H. S., KETENCİ İ. E., AYDOĞMUŞ S., ERDEM Ş.  
5.Ortopedi ve Travmatoloji İstanbul Buluşması, İstanbul, Turkey, 10 - 12 April 2015
- XVII. **Comparison of manuel and digital cobb angle measurement in AIS**  
YANIK H. S., KETENCİ İ. E., ULUSOY A., DEMİRÖZ S., ERDEM Ş.  
5. Ortopedi ve Travmatoloji İstanbul Buluşması, İstanbul, Turkey, 10 - 12 April 2015
- XVIII. **Yumuşak doku sarkomu tedavi tecrübelerimiz**  
POLAT A., YANIK H. S., ADIYEKE L., KAFADAR A. B., DEMİRÖZ S.  
24.Türk Ortopedi ve Travmatoloji Milli Kongresi, Antalya, Turkey, 12 - 16 November 2014
- XIX. **Lenke Tip 1 Adölesan İdiopatik Skolyozda Segmental ve Nonsegmental Pedikül Vida Enstrümantasyonunun Radyolojik ve Klinik Sonuçlarının Karşılaştırılması.**  
KETENCİ İ. E., YANIK H. S., ULUSOY A., DEMİRÖZ S., ERDEM Ş.  
24.Türk Ortopedi ve Travmatoloji Milli Kongresi, Antalya, Turkey, 12 - 16 November 2014
- XX. **Physical and psychological perceptional changes in patients with scoliosis who are treated by surgery**  
YANIK H. S., POLAT A., CANBORA M. K., DEMİRÖZ S., ERDEM Ş.  
10.International Turkish Spine Congress, 17 - 20 April 2013

## Metrics

Publication: 40

Citation (WoS): 72

Citation (Scopus): 30

H-Index (WoS): 5

H-Index (Scopus): 4

## Non Academic Experience

İSTANBUL SAĞLIK BAKANLIĞI-MARMARA ÜNİVERSİTESİ PENDİK EĞİTİM VE ARAŞTIRMA HASTANESİ

MEDENİYET ÜNİVERSİTESİ GÖZTEPE EĞİTİM VE ARAŞTIRMA HASTANESİ

İSTANBUL BEZM-İ ALEM VALİDE SULTAN VAKIF GUREBA EĞİTİM ARAŞTIRMA HASTANESİ