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Foreign Languages

English, B2 Upper Intermediate

Dissertations

Expertise In Medicine, Doğu Karadeniz Bölgesinde Spondilartropati prevalansı, Karadeniz Technical University, Dahili Bilimler, Fiziksel Tıp Ve Rehabilitasyon, 2004

Research Areas

Medicine, Internal Medicine Sciences, Physical Medicine and Rehabilitation, Health Sciences

Academic Titles / Tasks

Professor, Karadeniz Technical University, Tıp Fakültesi, Dahili Tıp, 2019 - Continues

Advising Theses

KARKUCAK M., KARPAL TÜNEL SENDROMU ENJEKSİYONLARINDA ULTRASONOGRAFİ KULLANIMI VE BERABERİNDE YAPILAN GÖRSEL BİLGİLENDİRMENİN ANKSİYETE VE KLİNİK PARAMETRELER ÜZERİNE ETKİSİ, Expertise In Medicine, Ö.Serdar(Student), 2016

Karkucak M., Fibromyalji sendromlu hastalarda yaşam kalitesi, psikojenik durumlar ve işlevsellik, Expertise In Medicine, H.BAYKAL(Student), 2015

KARKUCAK M., Trabzon İlinde Yaşayan 11-18 Yaş arası çocuklarında generalize eklem hipermobilitesi ve fibromyalji sıklığı, Expertise In Medicine, Ö.Barçak(Student), 2011

KARKUCAK M., Psöriyazis hastalarında psöriyatik artrit sıklığı ve klinik özellikleri, Expertise In Medicine, M.Köse(Student), 2011

KARKUCAK M., Kronik Bel ağrılı hastalarda klinik bulguların yaşam kalitesiyle ilişkisi, Expertise In Medicine, E.Ak(Student), 2010

KARKUCAK M., Ankilozan spondilitli hastalarda yaşam kalitesi ve yaşam kalitesini etkileyen risk faktörler, Doctorate, G.Özden(Student), 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Oxidative modification of carbonic anhydrase by peroxynitrite trigger immune response in mice and rheumatic disease patients**
ŞENTÜRK A., ALVER A., KARKUCAK M., KÜÇÜK M., Rendi T. A.
AMERICAN JOURNAL OF THE MEDICAL SCIENCES, vol.366, no.6, pp.438-448, 2023 (SCI-Expanded)
- II. **Infliximab therapy provides beneficial effects for choroidal thickness increase in patients with active ankylosing spondylitis: A possible mechanism mediating the suppressing of uveitis attacks.**
Karkucak M., Kola M., Kalkışım A., Çapkin E., Ayar A., Türk A.
ARCHIVES OF RHEUMATOLOGY, vol.36, no.1, pp.56-62, 2021 (SCI-Expanded)
- III. **Diagnostic efficacy of routine contrast-enhanced abdominal CT for the assessment of osteoporosis in the Turkish population**
Cansu A., Atasoy D., Eyüboğlu İ., Karkucak M.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.50, no.1, pp.110-116, 2020 (SCI-Expanded)
- IV. **Comparison of clinical outcomes of ultrasonography-guided and blind local injections in facet syndrome: A 6-week randomized controlled trial**
KARKUCAK M., Batmaz I., KERİMOĞLU S., AYAR A.
JOURNAL OF BACK AND MUSCULOSKELETAL REHABILITATION, vol.33, no.3, pp.431-436, 2020 (SCI-Expanded)
- V. **A prospective clinical investigation of the effects of anti-TNF alpha therapy on exercise capacity in patients with ankylosing spondylitis**
ÇAPKIN E., Keskin S. B., KARKUCAK M., AYAR A.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.49, no.1, pp.27-32, 2019 (SCI-Expanded)
- VI. **Sexual Dysfunction and Childhood Trauma In Female Patients With Fibromyalgia**
Karaguzel E., KARKUCAK M., Saglam D. A., Tiryaki A., KARAHAN A., ÇAPKIN E.
ISRAEL JOURNAL OF PSYCHIATRY AND RELATED SCIENCES, vol.55, no.2, pp.10-14, 2018 (SCI-Expanded)
- VII. **The Disease Course in Daily Clinical Practice in Radiographic and Non-Radiographic Axial Spondyloarthritis Patients; One-Year Follow-up Results of National-Subgroup of a Worldwide Observational Cohort Study**
AKAR S., Sezer I., Yumusakhuyly Y., AKINCI A., Erol K., Akgun K., Bodur H., Ataman S., Kuru O., Melikoglu M., et al.
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- VIII. **The performance of psoriatic arthritis classification criteria in Turkish patients with psoriatic arthritis**
Nas K., KARKUCAK M., Durmus B., Ulu M. A., Karatay S., ÇAPKIN E., Ulusoy H., Gulkesen A., Sula B., Akgol G., et al.
INTERNATIONAL JOURNAL OF RHEUMATIC DISEASES, vol.20, no.8, pp.985-989, 2017 (SCI-Expanded)
- IX. **Gender specific differences in patients with psoriatic arthritis**
Nas K., ÇAPKIN E., Dagli A. Z., Cevik R., Kilic E., Kilic G., KARKUCAK M., Durmuş B., Ozgocmen S.
MODERN RHEUMATOLOGY, vol.27, no.2, pp.345-349, 2017 (SCI-Expanded)
- X. **A case of osteogenesis imperfecta presenting with psychotic symptoms**
ÖZKORUMAK KARAGÜZEL E., SAĞLAM AYKUT D., KIZILAY ÇANKAYA P., Karkucak M.
ANADOLU PSIKIYATRI DERGISI-ANATOLIAN JOURNAL OF PSYCHIATRY, vol.18, pp.23-25, 2017 (SCI-Expanded)
- XI. **Carbonic Anhydrase I and II Autoantibodies in Behçet's Disease.**
MENTEŞE A., ÖZER YAMAN S., ALVER A., SÜMER A., KARKUCAK M., CAPKIN A., US A., TURAN İ.
ACTA REUMATOLOGICA PORTUGUESA, vol.-, 2017 (SCI-Expanded)
- XII. **Arterial stiffness is associated with left ventricular dysfunction in patients with rheumatoid arthritis**
İlter A., Kiriş A., KARKUCAK M., Sahin M., Serdar O. F., Ugan Y.
CLINICAL RHEUMATOLOGY, vol.35, no.11, pp.2663-2668, 2016 (SCI-Expanded)
- XIII. **Ultrasound Video Demonstration for Lumbar Facet Joint Injection**
KARKUCAK M., Kurt M., ÖZÇAKAR L.
AMERICAN JOURNAL OF PHYSICAL MEDICINE & REHABILITATION, vol.95, no.10, 2016 (SCI-Expanded)
- XIV. **Gender spesific differences in patients with psoriatic arthritis.**
Nas K., ÇAPKIN E., Dağlı A., Cevik R., Kılıç E., Kılıç G., KARKUCAK M., Durmuş B., Özgöçmen S.

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KARKUCAK M., Kurt M., Özçakar L.
AMERICAN JOURNAL OF PHYSICAL MEDICINE & REHABILITATION, vol.9, pp.165-6, 2016 (SCI-Expanded)
- XVI. **Ultrasonographic evaluation of femoral cartilage thickness in patients with psoriatic arthritis**
Batmaz İ., Sarıyıldız M. A., Cilesizoglu N., KARKUCAK M., Yazmalar L., SERDAR Ö. F., ÇAPKIN E., NAS K.
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- XVII. **The Relationship of Osteoporosis Risk Factors with Bone Mineral Density in Patients Admitted Our Outpatient Clinic in Trabzon**
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- XIX. **Education and Visual Information Improves Effectiveness of Ultrasound-Guided Local Injections on Shoulder Pain and Associated Anxiety Level A Randomized Controlled Study**
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- XX. **Regarding Comments by Yolcu et al. on "Evaluation of Choroidal Thickness in Ankylosing Spondylitis Using Optical Coherence Tomography"**
KOLA M., Kalkisim A., KARKUCAK M., TÜRK A., ÇAPKIN E., Can I., Serdar O. F., Mollamehmetoglu S., AYAR A.
OCULAR IMMUNOLOGY AND INFLAMMATION, vol.23, no.6, pp.465-466, 2015 (SCI-Expanded)
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- XXIII. **Letter to the editors regarding comments by Yolcu U et al. on the paper titled: "Evaluation of choroidal thickness in ankylosing spondylitis using optical coherence tomography"**
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- XXIV. **Treatment of ankylosing spondylitis with TNF inhibitors does not have adverse effect on results of liver function tests: a longitudinal study**
ÇAPKIN E., KARKUCAK M., COŞAR A. M., AK E., KARACA A., Gokmen F., BUDAK B. S., TOSUN M.
INTERNATIONAL JOURNAL OF RHEUMATIC DISEASES, vol.18, no.5, pp.548-552, 2015 (SCI-Expanded)
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AMERICAN JOURNAL OF PHYSICAL MEDICINE & REHABILITATION, vol.94, pp.1-5, 2015 (SCI-Expanded)
- XXVI. **Prevalence of Generalized Joint Hypermobility and Fibromyalgia Syndrome in the Children Population of Trabzon: A Turkish Study**
BARCAK O. F., KARKUCAK M., ÇAPKIN E., KARAGÜZEL G., DİLBER B., Dedeoglu S. S.
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- XXVII. **Comparison of ASDAS and BASDAI as a measure of disease activity in axial psoriatic arthritis**
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- XXVIII. **The Prevalence and Risk Factors of Low Back Pain in the eastern Black Sea region of Turkey**

- ÇAPKIN E., KARKUCAK M., ÇAKIRBAY H., TOPBAŞ M., KARACA A., KÖSE M., GÖKMEN F.
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- XXIX. **Serum Levels of IL-17, IL-6, TNF- α and Disease Activity in Patients with Rheumatoid Arthritis**
Serdaroğlu M., Devrimsel G., KÜÇÜKALİ TURKYILMAZ A., ÇAPKIN E., KARKUCAK M.
AKTUELLE RHEUMATOLOGIE, no.40, pp.1-5, 2015 (SCI-Expanded)
- XXX. **Treatment of Ankylosing spondylitis with TNF inhibitors does not have adverse effect on results of liver function tests: a longitudinal study.**
Çapkin E., Karkucak M., Coşar A. M., Ak E., Karaca A., Gökmen F., Budak S., Tosun M.
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- XXXI. **Ultrasonographic measurement of femoral cartilage thickness in acromegalic patients**
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- XXXII. **Ischemia-modified albumin (IMA): A novel marker of vascular involvement in Behcet's disease?**
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JOINT BONE SPINE, vol.82, no.1, pp.68-69, 2015 (SCI-Expanded)
- XXXIII. **Education and visual information improves effectiveness of ultrasound-guided local injections on shoulder pain and associated anxiety level: A Randomized controlled study**
KARKUCAK M., ÇİLESİZOĞLU YAVUZ N., ÇAPKIN E., Batmaz İ., ÖNDER A. M., Karaca A., AYAR A.
AMERICAN JOURNAL OF PHYSICAL MEDICINE & REHABILITATION, vol.95, no.1, pp.9-14, 2015 (SCI-Expanded)
- XXXIV. **Evaluating of choroid thickness in Ankylosing spondylitis using optical coherence tomography.**
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- XXXV. **Ultrasonographic Assessment of Soft Tissues in Patients With Acromegaly**
KOÇAK M., Civan N., KARKUCAK M., ÇAPKIN E., Garipoglu M., Can I., Karaca A., Taşdelen M., AYAR A.
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- XXXVI. **Comorbidities in patients with psoriatic arthritis: A comparison with rheumatoid arthritis and psoriasis**
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- XXXVIII. **Arterial Stiffness and Anti-Tumor Necrosis Factor-Alpha Therapy in Ankylosing Spondylitis: Results With Long-Term Two Year-Follow-Up**
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- XXXIX. **QUALITY OF LIFE IN PSORIATIC ARTHRITIS PATIENTS-ASSOCIATION WITH DISEASE ACTIVITY AND DIAGNOSTIC DELAY TIME**
Gokmen F., KARKUCAK M., Capkin A., Karaca A., Turkyilmaz A. K., ÇAPKIN E., Akbal A.
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- XL. **Prevalence of generalized joint hypermobility and fibromyalgia syndrome in the children population of Trabzon Turkish study**
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- XLI. **Function of the Infrapatellar Fat Pad and Advanced Hoffa's Disease With Ossification**
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- XLII. **Anti TNF α therapy and arterial stiffness in ankylosing spondylitis; results with long-term 2 year follow- up.**
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- XLIV. **Relationship between pulse wave velocity and serum YKL-40 level in patients with early rheumatoid arthritis**
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- XLV. **THE ASSOCIATION BETWEEN RADIOGRAPHIC FEATURES IN PATIENTS WITH LUMBAR SPINE DEGENERATIVE CHANGES AND BODY MASS INDEX; A PRELIMINARY STEREOLOGICAL STUDY**
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- XLVII. **PLASMA LEPTIN STATUS AND THE RELATIONSHIP BETWEEN DIFFERENT MEDICAL TREATMENTS USED IN ANKYLOSING SPONDYLITIS**
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- XLVIII. **Ultrasonographic evaluation of the femoral cartilage thickness patients with ankylosing spondylitis.**
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- XLIX. **Associations of HLA-DRB1 alleles with anti-citrullinated protein antibody-positive and anti-citrullinated protein antibody-negative rheumatoid arthritis in northern east part of Turkey**
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- LI. **The relationship between plasma homocysteine level and different treatment modalities in patients with ankylosing spondylitis**
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- LIV. **Osteitis condensans ilii in differential diagnosis of patients with chronic low back pain: a review of the literature**
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- LV. **Expert opinion and key recommendations for the physical therapy and rehabilitation of patients with ankylosing spondylitis**
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- LXI. **Infliximab-Induced Palmoplantar Psoriasis in a Patient With Ankylosing Spondylitis**
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- LXII. **Investigation of effects of different treatment modalities on structural and functional vessel wall properties in patients with ankylosing spondylitis**
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- LXIV. **Serum levels of anti-citrullinated protein antibody (ACPA) and TWEAK in patients with rheumatoid arthritis: Association with disease activity and treatment modalities Romatoid artritli hastalarda serum TWEAK ve anti-sitrülinlenmiş protein antikor (ACPA) seviyeleri: Tedavi yöntemleri ve hastalık aktivitesiyle ilişkisi**
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Supported Projects

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Scientific Refereeing

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Scientific Research / Working Group Memberships

Spondiartropati çalışma grubu, TRASD, Turkey, -, 2015 - Continues

Metrics

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Congress and Symposium Activities

ACR 2015, Attendee, California, United States Of America, 2015

16. Ulusal Romatoloji kongresi, Attendee, Antalya, Turkey, 2015

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Awards

KARKUCAK M., En iyi poster 2 ödülü, TRASD, April 2014

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