

Asst. Prof. BURCU AYIK

Personal Information

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International Researcher IDs

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Education Information

Expertise In Medicine, Eskisehir Osmangazi University, TIP FAKÜLTESİ, Dahili Tıp Bilimleri Bölümü, Turkey 2012 - 2016

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Health&Medicine, AKUPUNKTUR, YILDIRIM BEYAZIT ÜNİVERSİTESİ, 2019

Research Areas

Health Sciences

Academic Titles / Tasks

Assistant Professor, Eskisehir Osmangazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2024 - Continues

Lecturer PhD, Eskisehir Osmangazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2022 - 2024

Research Assistant, Eskisehir Osmangazi University, TIP FAKÜLTESİ, Dahili Tıp Bilimleri Bölümü, 2012 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Comparison of the Effects of Perineural and Intraperitoneal Ozone Therapy on Nerve Healing in an Experimental Sciatic Nerve Injury Model**
Ayık B., Ortadeveci A., Bakılan F., Dönmez D., Öz S., Bal C., Özden H., Armağan O.
Medicina (Lithuania), vol.60, no.12, 2024 (SCI-Expanded)
- II. SARCOPENIA, AND CHRONIC PAIN IN PATIENTS WITH PSEUDOEXFOLIATION SYNDROME**
BAKILAN F., KAĞAN N., ORTANCA B., ARMAĞAN O., Sariçimen G., MUTLU F., Yildirim N.
Turk Geriatri Dergisi, vol.27, no.1, pp.98-107, 2024 (SCI-Expanded)
- III. A randomized-controlled clinical trial comparing the effects of steroid phonophoresis and therapeutic ultrasound in carpal tunnel syndrome**

ORTANCA B., ARMAĞAN O., BAKILAN F., ÖZGEN M., Berkan F., Oner S.

ARCHIVES OF RHEUMATOLOGY, vol.37, no.4, pp.517-526, 2022 (SCI-Expanded)

IV. **Musculoskeletal symptoms and related factors in postacute COVID-19 patients**

Bakılan F., Gökmen İ. G., Ortanca B., Uçan A., Eker Güvenç Ş., Şahin Mutlu F., Gökmen H. M., Ekim A.

INTERNATIONAL JOURNAL OF CLINICAL PRACTICE, vol.75, no.11, 2021 (SCI-Expanded)

V. **THE EFFECT OF COVID-19 PANDEMIC ON SARCOPENIA, QUALITY OF LIFE AND PAIN: A ONE-YEAR FOLLOW-UP STUDY**

Bakılan F., ÖZGEN M., Ortanca B., ARMAĞAN O., Ekim A., Berkan F. T., Mutlu F.

TURKISH JOURNAL OF GERIATRICS-TURK GERIATRI DERGISI, vol.24, no.3, pp.330-341, 2021 (SCI-Expanded)

VI. **THE RELATIONSHIP BETWEEN CHRONIC MUSCULOSKELETAL PAIN, QUALITY OF LIFE AND SARCOPENIA**

Bakılan F., ÖZGEN M., Ortanca B., Ekim A., ARMAĞAN O., Taşçioğlu Berkan F., Şahin Mutlu F.

TURKISH JOURNAL OF GERIATRICS-TURK GERIATRI DERGISI, vol.24, no.1, pp.60-70, 2021 (SCI-Expanded)

Articles Published in Other Journals

I. **A Quality and Reliability Analysis of Geriatric Exercise Videos on YouTube**

ORTANCA B., Saricimen G., BAKILAN F., ARMAĞAN O., BAL C.

TURK OSTEOPOROZ DERGISI-TURKISH JOURNAL OF OSTEOPOROSIS, no.2, pp.109-114, 2024 (ESCI)

II. **Cardiopulmonary Rehabilitation Versus Home-Based Exercise Program for Post-Acute COVID-19 Symptoms**

BAKILAN F., GÖKMEN İ. G., ORTANCA B., UÇAN A., EYİĞÜN E., MUTLU F., GÖKMEN H. M., EKİM A.

Fiziksel Tıp ve Rehabilitasyon Bilimleri Dergisi, vol.27, no.2, pp.105-113, 2024 (Peer-Reviewed Journal)

III. **Awareness of Orthopedic Surgeons and Neurosurgeons About Fragility Fractures and Fracture Liaison Services: A Survey Study**

BAKILAN F., Saricimen G., ORTANCA B., ARMAĞAN O.

TURK OSTEOPOROZ DERGISI-TURKISH JOURNAL OF OSTEOPOROSIS, vol.30, no.1, pp.37-43, 2024 (ESCI)

IV. **THE RELATION BETWEEN TYPE 2 DIABETES MELLITUS, KNEE OSTEOARTHRITIS AND ULTRASONOGRAPHIC MEASUREMENT OF FEMORAL CARTILAGE THICKNESS**

Bakılan F., Ortanca B., Mutlu F., Özer B. M.

Eskişehir Medical Journal, vol.4, no.2, pp.121-126, 2023 (Peer-Reviewed Journal)

V. **A Quality Analysis of Cerebral Palsy Videos on YouTube**

BAKILAN F., SARIÇİMEN G., ORTANCA B., MUTLU F., ARMAĞAN O.

Fiziksel Tıp ve Rehabilitasyon Bilimleri Dergisi, vol.26, no.3, pp.299-305, 2023 (Peer-Reviewed Journal)

VI. **Spiral Groove Entrapment Neuropathy Due to Overuse of the Triceps: A Case Report**

ORTANCA B., ARMAĞAN O.

Osmangazi Tıp Dergisi, vol.45, no.2, pp.306-310, 2023 (Peer-Reviewed Journal)

VII. **The Relation Between Vitamin D, Severity of Knee Osteoarthritis and Inflammatory Parameters**

Bakılan F., Ortanca B.

TURK OSTEOPOROZ DERGISI-TURKISH JOURNAL OF OSTEOPOROSIS, vol.28, no.1, pp.6-10, 2022 (ESCI)

VIII. **The Effect of Glycemic Control on Inflammatory Parameters and Vitamin Levels in Patients with Rheumatoid Arthritis and Fibromyalgia**

BAKILAN F., UÇAN A., ORTANCA B.

Osmangazi Tıp Dergisi, vol.43, no.4, pp.382-387, 2021 (Peer-Reviewed Journal)

IX. **Evaluating the characteristics of spondylolisthesis in low back pain by radiography**

BAKILAN F., ORTANCA B., Şahin M.

Journal of Surgery and Medicine, vol.5, no.5, pp.486-490, 2021 (Peer-Reviewed Journal)

X. **Patient Satisfaction in Chronic Low Back Pain: A Comparison Between Pharmacological Treatment, Physiotherapy and Neural Therapy**

BAKILAN F., ORTANCA B.

Books

- I. **Üst Ekstremitte Kas Kısalık Testleri**
ORTANCA B.
in: Kas Kısalık Testleri, Armağan Onur, Bakılan Fulya, Ortanca Burcu, Editor, Akademisyen Kitapevi, Ankara, pp.1-16, 2023
- II. **Omurga Kasları**
ARMAĞAN O., ORTANCA B., BAKILAN F.
in: Kas Kısalık Testleri, Armağan Onur, Bakılan Fulya, Ortanca Burcu, Editor, Akademisyen Kitapevi, Ankara, pp.51-76, 2023
- III. **Kırık Rehabilitasyonu**
ORTANCA B.
in: Deprem Sonrası Kas İskelet Sistemi Yaralanmaları Rehabilitasyonu, Armağan Onur, Sarıçimen Gizem, Editor, Akademisyen Kitapevi, Ankara, pp.57-75, 2023

Papers Published in Refereed Scientific Meetings

- I. **Evaluation of Serum Obestatin Levels In Patients with Osteoarthritis**
SOYOCAK A., AYIK B., Sayılğan Sak E. G., ÖZALP ATEŞ F. S., TURGUT COŞAN D., ÖZGEN M.
10th International Artemis Scientific Research Congress, 29 November 2024
- II. **Effects of Ozone and Methylprednisolone Treatment in Facial Paralysis: An Experimental Study**
BAKILAN F., ORTADEVECİ A., ORTANCA B., BURUKOĞLU DÖNMEZ D., ÖZ S., MUTLU F., ARMAĞAN O.
8. Ulusal Osteoporoz Osteoartrit ve Kas İskelet Sistemi Hastalıkları Kongresi, Antalya, Turkey, 21 - 24 November 2024

Activities in Scientific Journals

Osmangazi Tıp Dergisi, Assistant Editor/Section Editor, 2022 - Continues
Osmangazi Tıp Dergisi, Committee Member, 2022 - Continues

Peer Reviews in Scientific Publications

JOURNAL OF EXPERIMENTAL AND CLINICAL MEDICINE, National Scientific Refreed Journal, November 2022
Osmangazi Tıp Dergisi, National Scientific Refreed Journal, October 2022
JOURNAL OF EXPERIMENTAL AND CLINICAL MEDICINE, National Scientific Refreed Journal, October 2022
Eskisehir Medical Journal, National Scientific Refreed Journal, April 2022
Eskisehir Medical Journal, National Scientific Refreed Journal, March 2022
Eskisehir Medical Journal, National Scientific Refreed Journal, January 2022

Metrics

Publication: 31
Citation (WoS): 45
Citation (Scopus): 58
H-Index (WoS): 1

H-Index (Scopus): 2

Non Academic Experience

EMİRDAĞ DEVLET HASTANESİ, TABİP