

Prof. MURAT YURDAKUL

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Maden Mühendisliği (Dr), Turkey 2003 - 2009

Postgraduate, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Maden Mühendisliği (YI) (Tezli), Turkey 2000 - 2003

Undergraduate, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Maden Mühendisliği Bölümü, Turkey 1995 - 1999

Dissertations

Postgraduate, Tunçbilek bölgesi dragline maliyet analizi, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Maden Mühendisliği (YI) (Tezli), 2003

Research Areas

Social Sciences and Humanities, Natural Sciences, Engineering and Technology

Academic and Administrative Experience

Bilecik Seyh Edebali University, 2012 - Continues

Director of Vocational School, Bilecik Seyh Edebali University, 2014 - 2017

Bilecik Seyh Edebali University, 2012 - 2014

Courses

Bilim Etiği ve Araştırma Teknikleri, Undergraduate, 2021 - 2022

Mozaik I, Undergraduate, 2021 - 2022

Kent Mobilyaları Tasarımı, Undergraduate, 2021 - 2022

Seramik Kimyası, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Seramik ve Cam Kimyası, Undergraduate, 2020 - 2021, 2019 - 2020

Mozaik II, Undergraduate, 2020 - 2021, 2019 - 2020

Mozaik, Undergraduate, 2020 - 2021, 2019 - 2020
Bilim Etiği ve Araştırma Teknikleri, Postgraduate, 2020 - 2021
Yazma ve İfade Becerileri, Undergraduate, 2017 - 2018
Teknolojinin Bilimsel İlkeleri, Associate Degree, 2013 - 2014, 2012 - 2013, 2011 - 2012
Doğal Yapı Taşlarına Giriş, Associate Degree, 2013 - 2014, 2012 - 2013, 2011 - 2012
Ocak Ruhsat İşlemleri, Associate Degree, 2012 - 2013, 2011 - 2012
Mermer Fabrika İşletmeciliği, Associate Degree, 2012 - 2013
Doğal Taş Kalite Kontrol ve Standartları, Associate Degree, 2012 - 2013, 2011 - 2012
İleri Kesim Teknolojileri, Associate Degree, 2011 - 2012
Mekanik Yüzey Şekillendirme Yöntemleri, Associate Degree, 2011 - 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Energy consumption analysis and cutting cost reduction strategies in granite cutting operations**
YURDAKUL M.
Indian Journal of Engineering and Materials Sciences, vol.28, no.5, pp.520-528, 2021 (SCI-Expanded)
- II. **Natural stone waste generation from the perspective of natural stone processing plants: An industrial-scale case study in the province of Bilecik, Turkey**
YURDAKUL M.
Journal of Cleaner Production, vol.276, 2020 (SCI-Expanded)
- III. **Modified permeability apparatus to determine the permeability of natural building stones**
YURDAKUL M.
Arabian Journal of Geosciences, vol.9, no.7, 2016 (SCI-Expanded)
- IV. **Effect of cutting parameters on consumed power in industrial granite cutting processes performed with the multi-disc block cutter**
YURDAKUL M.
International Journal of Rock Mechanics and Mining Sciences, vol.76, pp.104-111, 2015 (SCI-Expanded)
- V. **Analysis of the industrial cutting process of natural building stones: Evaluation of electric power consumption**
YURDAKUL M., Akdas H.
Journal of Testing and Evaluation, vol.42, no.4, 2014 (SCI-Expanded)
- VI. **Prediction of specific cutting energy in natural stone cutting processes using the neuro-fuzzy methodology**
YURDAKUL M., Gopalakrishnan K., Akdas H.
International Journal of Rock Mechanics and Mining Sciences, vol.67, pp.127-135, 2014 (SCI-Expanded)
- VII. **Modeling uniaxial compressive strength of building stones using non-destructive test results as neural networks input parameters**
YURDAKUL M., Akdas H.
Construction and Building Materials, vol.47, pp.1010-1019, 2013 (SCI-Expanded)
- VIII. **Prediction of specific cutting energy for large diameter circular saws during natural stone cutting**
YURDAKUL M., Akdas H.
International Journal of Rock Mechanics and Mining Sciences, vol.53, pp.38-44, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **A NEW PERSPECTIVE ON REDUCING ENERGY CONSUMPTION IN GRANITE CUTTING WITH A MULTI-BLADE BLOCK CUTTER: THE CASE OF AN INDUSTRIAL APPLICATION**
YURDAKUL M.
Eskişehir Teknik Üniversitesi Bilim ve Teknoloji Dergisi b- Teorik Bilimler, vol.9, no.2, pp.60-76, 2021 (Peer-

Reviewed Journal)

II. TÜRK VE YABANCI KÖKENLİ GRANİTLERDE KATMA DEĞERİ YÜKSEK ÜRÜN ELDESİ İÇİN SERAMİK SIR DENEMELERİ

Sevim K., Yurdakul M.

Akademik Sanat Dergisi, vol.4, no.8, pp.80-89, 2019 (Peer-Reviewed Journal)

III. On the power consumption during natural stone cutting processing by using block cutters: A model curve for marbles Blok kesicilerle doğal taş kesiminde elektrik tüketim değerleri için model eğri önerisi: Gerçek mermerler örneği

YURDAKUL M., AKDAŞ H.

Madencilik, vol.52, no.1, pp.35-45, 2013 (Scopus)

IV. Doğal Yapı Taşı Olarak Diyabaz ve Kullanımı

YURDAKUL M., AKDAŞ H.

Türkiye Taş Dünyası, vol.10, no.50, pp.25-38, 2007 (Non Peer-Reviewed Journal)

V. Dikey geçiş sınavı ile bir lisans programına yerleşen meslek yüksekokulu mezunlarının dikey geçiş sınavı ve meslek yüksekokullarına ilişkin görüşleri üzerine nitel bir araştırma

UYSAL F., YURDAKUL M.

Anadolu Bil Meslek Yüksekokulu Dergisi, vol.1, no.4, pp.42-46, 2006 (Peer-Reviewed Journal)

VI. Hidrolik Kırıcılar ve Madencilik Uygulamaları

YURDAKUL M., YILMAZ N.

Akışkan Gücü ve Hareket Teknolojileri Dergisi, vol.4, no.21, pp.11-26, 2005 (Peer-Reviewed Journal)

Supported Projects

Andoğlu Çoşkun E. M., Kuru D., Yurdakul M., Project Supported by Higher Education Institutions, Bilecik İli Doğal Taş İşleme Tesisleri Katı Atık Potansiyelinin Belirlenmesi ve Geri Kazanım Önerileri, 2016 - 2017

YURDAKUL M., Project Supported by Higher Education Institutions, Bilecik İli Doğal Taşlarının Permeabilite Değerlerinin Belirlenmesi, 2012 - 2013