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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABG-7954-2020

Yoksis Researcher ID: 25172

Education Information

Doctorate, Inonu University, Fen Bilimleri Enstitüsü, Maden Mühendisliği Abd, Turkey 2014 - 2020

Postgraduate, Inonu University, Fen Bilimleri Enstitüsü, Maden Mühendisliği Abd, Turkey 2012 - 2014

Undergraduate, Inonu University, Mühendislik Fakültesi, Maden Mühendisliği, Turkey 2008 - 2012

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Occupational Health and Safety, İŞ SAĞLIĞI VE GÜVENLİĞİ UZMANI, Çalışma ve Sosyal Güvenlik Bakanlığı, 2020

Education Management and Planning, NETCAD 7.6 GIS, Netcadkampüs / ANKARA, 2016

Dissertations

Doctorate, Çevresel Faktörlerin Etkisiyle Kayaçların Kırılabilirlik İndekslerinde Meydana Gelen Değişimlerin Belirlenmesi, Inonu University, Fen Bilimleri Enstitüsü, Maden Mühendisliği Abd, 2020

Postgraduate, Farklı Doygunluk Dereceleri ve Yükleme Oranlarında Kayaçlardaki Bazı Mekanik Özellik Değişimlerinin İncelenmesi, Inonu University, Fen Bilimleri Enstitüsü, Maden Mühendisliği Abd, 2014

Research Areas

Mining Engineering and Technology, Mining Operations, Rock Mechanics, Marble Management and Processing, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Inonu University, Malatya Meslek Yüksekokulu, Mülkiyet Koruma Ve Güvenlik, 2020 - Continues
Research Assistant, Inonu University, Mühendislik Fakültesi, Maden Mühendisliği, 2012 - 2020

Academic and Administrative Experience

Head of Department, Inonu University, Malatya Meslek Yüksekokulu, Mülkiyet Koruma Ve Güvenlik, 2021 - Continues

Courses

Sondaj Teknolojisi, Undergraduate, 2020 - 2021
İş Sağlığı ve Güvenliği, Associate Degree, 2020 - 2021
Geoteknik Saha İncelemelerine Giriş, Undergraduate, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A New Predictive Model for Uniaxial Compressive Strength of Rock Using Machine Learning Method: Artificial Intelligence-Based Age-Layered Population Structure Genetic Programming (ALPS-GP)**
ÖZDEMİR E.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, 2021 (Peer-Reviewed Journal)
- II. **Modeling uniaxial compressive strength of some rocks from turkey using soft computing techniques**
GÜL E., ÖZDEMİR E., EREN SARICI D.
MEASUREMENT, vol.171, 2021 (Peer-Reviewed Journal)
- III. **Utilization of granite waste as alternative abrasive material in marble grinding processes**
EREN SARICI D., ÖZDEMİR E.
JOURNAL OF CLEANER PRODUCTION, vol.201, pp.516-525, 2018 (Peer-Reviewed Journal)
- IV. **Combined Effect of Loading Rate and Water Content on Mechanical Behavior of Natural Stones**
Ozdemir E., Sarici D.
JOURNAL OF MINING SCIENCE, vol.54, no.6, pp.931-937, 2018 (Peer-Reviewed Journal)
- V. **Determining point load strength loss from porosity, Schmidt hardness, and weight of some sedimentary rocks under freeze-thaw conditions**
EREN SARICI D., ÖZDEMİR E.
ENVIRONMENTAL EARTH SCIENCES, vol.77, no.3, 2018 (Peer-Reviewed Journal)

Articles Published in Other Journals

- I. **Effects of acid-base solutions on some Turkish natural building stones: physico-mechanical and color changes**
Özdemir E., Kantarcı F., Eren Sarıcı D.
Innovative Infrastructure Solutions , vol.7, no.1, pp.1-11, 2022 (Peer-Reviewed Journal)
- II. **The Combined Effect of Different pH Solutions and Freeze-Thaw on Physico-Mechanical Properties of Travertines**
Özdemir E.
Avrupa Bilim ve Teknoloji Dergisi, vol.32, pp.1-6, 2021 (Peer-Reviewed Journal)
- III. **Investigation of the effect of cooling type on physical and mechanical properties of marbles exposed to thermal heating-cooling cycles**
Özdemir E.
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.11, no.4, pp.1295-1303, 2021 (Peer-Reviewed Journal)
- IV. **Selection of Construction Machine bu Considering Time-Cost Trade-off Problem**

BETTEMİR Ö. H., ÖZDEMİR E., EREN SARICI D.

Journal of Construction Engineering, Management & Innovation (Online), vol.4, no.3, pp.173-186, 2021 (Peer-Reviewed Journal)

- V. **Estimation of calorific values of some of Turkish Lignites by artificial neural network and multiple regression**
Özdemir E., Eren Sarıcı D.
Current Physical Chemistry, vol.10, no.2, pp.154-162, 2020 (Peer-Reviewed Journal)
- VI. **Evaluation of Salt Crystallisation Effects on Artificial Marble**
Polat Güzel F., EREN SARICI D., KIZILKAYA N., ÖZDEMİR E.
Journal of Physical Chemistry and Functional Materials, vol.1, no.2, pp.20-24, 2018 (Peer-Reviewed Journal)
- VII. **Doğu Anadolu Bölgesinde Bulunan Bazı Mermer Atıklarının Yol Temel ve Alt Temel Tabakalarında Kullanılabilirliğinin Değerlendirilmesi**
ÖZDEMİR E., EREN SARICI D., SARICI T.
Dumlupınar Üniversitesi Fen Bilimleri Enstitüsü Dergisi, no.39, pp.13-20, 2017 (Peer-Reviewed Journal)
- VIII. **Farklı Suya Doymunluk Derecelerinde Bazı Sedimanter Kayaçlarda Tek Eksenli Sıkışma Dayanımının Diğer Fiziko-Mekanik Özelliklerden Kestirimi**
ÖZDEMİR E., EREN SARICI D.
ÖMER HALİSDEMİR ÜNİVERSİTESİ MÜHENDİSLİK BİLİMLERİ DERGİSİ, vol.6, no.2, pp.681-691, 2017 (Peer-Reviewed Journal)
- IX. **Determination of Effects of Thermal Changes on Color and Surface Roughness at Marbles**
EREN SARICI D., ÖZDEMİR E.
Bulletin of the Earth Sciences Application and Research Centre of Hacettepe University, vol.38, no.1, pp.57-70, 2017 (Peer-Reviewed Journal)
- X. **KIRMIZI TRAVERTENİN FİZİKO MEKANİK ÖZELLİKLERİNİN KURU VE DOYGUN P DALGA HIZINDAN KESTİRİMİ**
ÖZDEMİR E., EREN SARICI D.
Dumlupınar Üniversitesi Fen Bilimleri Dergisi, 2016 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **BAZI KAYAÇLARIN TEK EKSENLİ BASINÇ DAYANIMININ BASİT VE ÇOKLU REGRESYON TESTLERİNDE TAHMİNLEME**
ÖZDEMİR E., EREN SARICI D.
in: GELECEĞİN DÜNYASINDA BİLİMSEL VE MESLEKİ ÇALIŞMALAR MÜHENDİSLİK VE TEKNOLOJİ, Editor, Ekin Basım Yayın Dağıtım, pp.117-130, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of Relationship Between Fracture Noise Level and Physico-Mechanical Properties of Rocks**
Özdemir E.
7th INTERNATIONAL MARDIN ARTUKLU SCIENTIFIC RESEARCHES CONFERENCE, Mardin, Turkey, 10 - 12 December 2021, pp.317-324
- II. **The use of waste marble as fine aggregate in the production of geopolymer mortar samples**
EKİNCİ E., TÜRKMEN İ., KARAKOÇ M. B., ÖZDEMİR E.
Geopolymeric Composites Congress, Erzurum, Turkey, 22 December 2021
- III. **INVESTIGATION OF THE CHANGES OF SCHMIDT HARDNESS AND ULTRASONIC WAVE VELOCITY IN SOME NATURAL STONES SUBJECTED TO FREEZE-THAW CYCLES**
ÖZDEMİR E., EREN SARICI D.

V. INTERNATIONAL BATTALGAZİ SCIENTIFIC STUDIES CONGRESS, Malatya, Turkey, 18 - 20 December 2020, pp.184-192

- IV. **Yazihan (Malatya) Bazaltının Fiziko-Mekanik Özellikleri Bakımından Balast Taşı Olarak Kullanılabilirliğinin İncelenmesi**
ÖZDEMİR E., EREN SARICI D.
1. Uluslararası Malatya Uygulamalı Bilimler Kongresi, Malatya, Turkey, 20 - 22 December 2019, vol.1, pp.295-299
- V. **Akçadağ-Hacıova Taş Ocağında Delme-Patlatma Faaliyetlerinin Çevresel Etkilerinin Değerlendirilmesi**
Uçkun Ş., ÖZDEMİR E., EREN SARICI D.
1. Uluslararası Malatya Uygulamalı Bilimler Kongresi, Malatya, Turkey, 20 - 22 December 2019, vol.1, pp.289-294
- VI. **AN OVERVIEW OF THE USE OF MINERAL AND INDUSTRIAL WASTE IN AERATED CONCRETE**
KIZILKAYA N., ÖZDEMİR E., EREN SARICI D.
ISPECULUSLARARASI MÜHENDİSLİK VE FEN BİLİMLERİ KONGRESİ 3-4 Mayıs 2019, MALATYA, Malatya, Turkey, 3 - 04 May 2019, pp.11-17
- VII. **Malatya'nın Deprem Oluşturma Özelliklerinin İncelenmesi**
ÖZDEMİR E., KIZILKAYA N., EREN SARICI D.
ISPEC Uluslararası Mühendislik ve Fen Bilimleri Kongresi, Malatya, Turkey, 3 - 04 May 2019, pp.18-24
- VIII. **Bazı Kayaçların Tek Eksenli Basınç Dayanımını Yıkıcı Olmayan Testlerden Tahminleme**
ÖZDEMİR E., EREN SARICI D.
II. International Scientific and Vocational Studies Congress, 5 - 08 July 2018
- IX. **Kernek Kanal Boyunda (Malatya) Kullanılan Kırmızı Travertenin Kullanım Yeri Uygunluğunun Araştırılması**
ÖZDEMİR E., EREN SARICI D.
II. International Scientific and Vocational Studies Congress, Nevşehir, Turkey, 5 - 08 July 2018, pp.640-646
- X. **Investigation of Relationships between Abrasion Resistance and Physico-Mechanical Properties of Some Rocks**
ÖZDEMİR E., EREN SARICI D.
International Conference on Innovative Engineering Applications, Sivas, Turkey, 20 - 22 September 2018, pp.105-110
- XI. **Effects of Na₂SO₄.10H₂O on Marble Glossiness**
Polat Güzel F., EREN SARICI D., KIZILKAYA N., ÖZDEMİR E.
International Conference on Innovative Engineering Applications, Sivas, Turkey, 20 - 22 September 2018, pp.785-791
- XII. **Evaluation of Salt Crystallisation Effects on Artificial Marble**
Polat F., EREN SARICI D., KIZILKAYA N., ÖZDEMİR E.
International Conference on Physical Chemistry and Functional Materials, 19 - 21 June 2018
- XIII. **Bazı kayaçların tek eksenli basınç dayanımını yıkıcı olmayan testlerden tahminleme**
ÖZDEMİR E., EREN SARICI D.
2. International Scientific and Vocational Studies Congress, Nevşehir, Turkey, 5 - 08 July 2018, pp.626-632
- XIV. **Evaluation of Engineering Properties of Onyx and Travertine from Elazığ (Turkey)**
ÖZDEMİR E., EREN SARICI D.
International Conference on Physical Chemistry and Functional Materials, Elazığ, Turkey, 19 - 21 June 2018, pp.125-128
- XV. **Salt Crystallisation Effects on Some Natural Building Stones from Turkey**
EREN SARICI D., ÖZDEMİR E., Fırat C.
8th International Advanced Technologies Symposium, Elazığ, Turkey, 19 - 22 October 2017, pp.1136-1143
- XVI. **Effects Of Different Environmental Conditions On Rock Properties**
ÖZDEMİR E., EREN SARICI D.
8th International Advanced Technologies Symposium (IATS'17), Elazığ, Turkey, 19 October 2017, pp.125-135
- XVII. **Statistical Evaluation Of The Relationship Between Schmidt Hardness Values And Physical Properties Of Some Sedimentary Origin Of Marble**
ÖZDEMİR E., EREN SARICI D.

BLACKSEA 2016, 2 - 04 November 2016

XVIII. Statistical Investigation Of Physico Mechanical Properties Of Some Marbles In Eastern Anatolia Turkey Region

ÖZDEMİR E., EREN SARICI D.

BLACK SEA 2016, 2 - 04 November 2016

XIX. Effect of High Temperature Conditions on Mechanical and Physical Properties of Rocks Used as Building Materials

ÖZDEMİR E., EREN SARICI D.

AGGRES 2016, 13 - 14 October 2016

XX. Investigation of Relationship Between Ultrasonic Wave Velocity and Mechanical Properties of Rocks at Different Water Saturation Degree

ÖZDEMİR E., EREN SARICI D.

9 th Proceedings of International Industrial Minerals Symposium, İzmir, Turkey, 14 - 15 May 2015, pp.543-552

XXI. Farklı su içeriğine sahip kayalarda ultrasonik ses geçirgenliği ile mekanik özelliklerin ilişkisinin araştırılması

ÖZDEMİR E., EREN SARICI D.

Proceedings of 9 th. International Industrial Minerals Symposium, İzmir, Turkey, 14 - 15 May 2015, pp.543-552

XXII. Horst ve Bssarear iş indeksi ile kaya parametreleri arasındaki ilişkinin araştırılması

ÖZDEMİR E., EREN SARICI D., AKSOĞAN KORKMAZ A.

9 th. International Industrial Minerals Symposium, İzmir, Turkey, 14 - 15 May 2015, pp.315-325

Supported Projects

EREN SARICI D., ÖZDEMİR E., Project Supported by Higher Education Institutions, Çevresel Faktörlerin Etkisiyle Kayaların Kırılma İndekslerinde Meydana Gelen Değişimlerin Belirlenmesi, 2017 - 2020

Metrics

Publication: 38

Citation (WoS): 16

Citation (Scopus): 8

H-Index (WoS): 2

H-Index (Scopus): 1