

GÖKHAN AYDIN

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Bölümü, 61080, Trabzon



Biography

1982 yılında Çarşamba'da (Samsun) doğdu. İlk, Orta ve Lise eğitimini burada tamamladı. 2001 yılında Karadeniz Teknik Üniversitesi Maden Mühendisliği Bölümü'nde lisans öğrenimine başladı. Üniversitenin seçkin öğrencilerinden oluşan **A Kulüp**'te yer aldı. Birçok kez **Onur** ve **Yüksek Onur** belgeleriyle ödüllendirildi. **Bölüm Temsilcisi** olarak faaliyetlerde bulundu. 2005 yılında bölümünü **birincilikle** tamamlayıp **Onur Öğrencisi** olarak mezun oldu. Aynı yıl, Karadeniz Teknik Üniversitesi Maden Mühendisliği Bölümü'nde Yüksek Lisans öğrenimine başladı. Yüksek lisans öğrenimi süresince yeraltı kömür madenlerinden elde edilen metanın kullanım alanlarına yönelik araştırmalar gerçekleştirdi. Ayrıca, enerji kaynaklı küresel metan emisyonlarına yönelik istatistiksel değerlendirmelerde bulundu. 2008'de Maden Yüksek Mühendisi unvanını alarak aynı programda Doktora öğrenimine başladı. Doktora öğrenimi sürecinde, kayaçların kesilebilirliğine yönelik çalışmalar yürüttü. Diskli kesiciler ve aşındırıcılı su jeti ile kayaç kesme konularında uzmanlaştı. 2012'de Doktora öğrenimini tamamlayıp, 2013'te Karadeniz Teknik Üniversitesi, Maden Mühendisliği Bölümü, Maden Mekanizasyonu ve Teknolojisi Anabilim Dalı'na Yardımcı Doçent unvanı ile Öğretim Üyesi olarak atandı. 2016 yılında Doçent unvanını aldı. Temmuz 2021'de aynı anabilim dalına Profesör olarak atandı. Lisans düzeyinde Maden Havalandırma, Yeraltı Maden İşletmeciliği, Doğaltaş Madenciligi ve Teknolojisi başta olmak üzere çeşitli dersler vermektedir. Yüksek Lisans ve Doktora düzeyinde ise Alternatif Sujeti Aşındırıcıları, Sujeti ile Kayaç Kesme, Maden Mekanizasyonu, Maden Havalandırma Tasarımı, Kömür ve Küresel Isınma ve Fosil Enerji derslerini yürütmektedir.

Aydın'ın **32'si uluslararası hakemli-indeksli** dergilerde (SCI, SCIE ve SSCI) yayınlanmış olmak üzere toplamda **52 makalesi** bulunmaktadır. Bunun yanında, **55'i uluslararası** olmak üzere **71 bildirisi** mevcuttur. Gerçekleştirmiş olduğu çalışmalar Ekim 2021 itibariyle **1005/1146/1710** (Web of Science/Scopus/Google Scholar) atf aldı. Aydın'ın h- indeksi ise yine aynı tarih itibariyle **21/22/26**'dır (Web of Science/Scopus/Google Scholar). 2016 yılında tamamlanan bir yüksek lisans tezine de danışmanlık yaptı. İki doktora ve bir yüksek lisans öğrencisinin ise danışmanlığını yürütmektedir. Konuk Bilim İnsanı destekleme programı kapsamında TÜBİTAK tarafından desteklenen bir projede yürütücü ve Karadeniz Teknik Üniversitesi tarafından desteklenen iki Bilimsel Araştırma Projesinde araştırmacı olarak görev aldı. Şu an devam eden ve Karadeniz Teknik Üniversitesi tarafından desteklenen iki Bilimsel Araştırma Projesinin de yürütücüsüdür. Uluslararası nitelikteki birçok dergiye düzenli olarak hakemlik yapmaktadır.

Aydın, gerçekleştirdiği çalışmalar neticesinde; **Lisans Bölüm Birinciliği Ödülü** (Karadeniz Teknik Üniversitesi, 2005), **Bilim Teşvik Ödülü** (Yurt Madencilik Geliştirme Vakfı, 2012), **Ar-Ge Proje Ödülü** (Dedeman Holding, 2013), **Bilimsel Performans Ödülü** (Karadeniz Teknik Üniversitesi, Mühendislik Fakültesi, 2013), **Outstanding Reviewer Ödülü** (Elsevier, 2014-2020), **Genç Bilim & Sanat İnsanı Ödülü** (Karadeniz Teknik Üniversitesi, 2017) ve **Excellent Reviewer Ödülü**'ne (Publons, 2021) layık görüldü. Aydın, Stanford Üniversitesi'nin koordinatörlüğünde hazırlanan '**Updated science-wide author databases of standardized citation indicators**' isimli çalışmada dünyanın en etkili bilim insanları arasında yer aldı. Bu listede, 2020 verilerine göre Madencilik & Metalurji alanında dünya sıralamasında **ilk yüz (36.) bilim insanı** arasına girdi. Ayrıca, '**Türkiye Akademik Performans Analizi-2021**' isimli başka bir çalışmada Türkiye'deki en üretken ve etkili bilim insanları arasında yer aldı. Aydın, ilgili listede Madencilik alanında **ilk on bilim (8.) insanı** arasında yer aldı.

Aydın'ın son dönem araştırma ilgisi 'Aşındırıcılı Sujetü ile Kayaç Kesme' konusuna odaklanmaktadır. Aydın, aşındırıcılı sujetü ile kayaç kesmede aşındırıcı olarak kullanılabilecek ticari ve atık nitelikli malzemelerin kesme performansını/verimini irdelemektedir. Danışmanlığında yürütölen iki doktora tezinde bu konular detaylarıyla çalışılmaktadır. Halen Karadeniz Teknik Üniversitesi Maden Mühendisliği Bölümü'nde Öğretim Üyesi olarak çalışmalarını sürdürmektedir. Evli olan Aydın'ın iki çocuğı bulunmaktadır.

Learning Knowledge

Doctorate 2008 - 2012	Karadeniz Technical University, Fen Bilimleri Enstitüsü, Maden Mühendisliği Bölümü, Turkey
Postgraduate 2005 - 2008	Karadeniz Technical University, Fen Bilimleri Enstitüsü, Maden Mühendisliği Bölümü, Turkey
Undergraduate 2001 - 2005	Karadeniz Technical University, Mühendislik-Mimarlık Fakültesi, Maden Mühendisliği Bölümü, Turkey

Dissertations

Doctorate, Kesici Disklerin Kayaç Kesme Performansının Araştırılması ve Performans Tahminine Yönelik Modellerin Geliştirilmesi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Maden Mühendisliği Bölümü, 2012
Postgraduate, Kömür Kökenli Metanın Kullanım Teknolojileri ve Enerji Üretiminden Kaynaklanan Antropojenik Metan Emisyonlarının Analizi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Maden Mühendisliği Bölümü, 2008

Academic Titles / Tasks

Professor 2021 - Continues	Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği
Associate Professor 2016 - 2021	Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği
Assistant Professor 2013 - 2016	Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği
Research Assistant 2006 - 2012	Karadeniz Technical University, Fen Bilimleri Enstitüsü, Maden Mühendisliği Bölümü

Supported Projects

- AYDIN G., KARAKURT İ., KAYA S., Project Supported by Higher Education Institutions, Aşındırıcılı Su Jeti ile Doğal Taş Kesmede Alternatif Aşındırıcıların Performanslarının Deneysel İncelenmesi, 2020 - Continues
- Aydın G., Karakurt İ., Kaya S., Project Supported by Higher Education Institutions, Granit Cam ve Curüf Atıklarının

Aşındırıcılı Su Jeti ile Doğal Taş Kesmede Aşındırıcı olarak Kullanımı, 2021 - 2022

3. Aydın G., TÜBİTAK Project, Ekonomik ve Demografik Göstergelerin Fonksiyonu Olarak Birincil Enerji Tüketiminin Modellenmesi, 2014 - 2014
4. Aydın G., Karakurt İ., Project Supported by Higher Education Institutions, Aşındırıcı Su Jeti ile Kayaç Kesmede Aşındırıcı Malzeme Performansı Üzerinde Etkin Kayaç Özelliklerinin Araştırılması, 2011 - 2012
5. Aydın G., Aydın K., Project Supported by Higher Education Institutions, Dairesel Testerelerle Kesme İşleminde Granitin Dokusal Özelliklerinin Kesme Performansı Üzerindeki Etkilerinin Araştırılması, 2011 - 2012

Awards

1. Aydın G., Excellent Reviewer Award, Publons, June 2021
2. Aydın G., Outstanding Reviewer Award, Elsevier, July 2019
3. Aydın G., Genç Bilim ve Sanat İnsanı Ödülü, Karadeniz Teknik Üniversitesi, May 2017
4. Aydın G., Bilimsel Performans Ödülü, Karadeniz Teknik Üniversitesi-Müh. Fak., December 2013
5. Aydın G., Ar-Ge Proje Ödülü, Dedeman Holding, November 2013
6. Aydın G., Bilim Teşvik Ödülü, Yurt Madenciliğini Geliştirme Vakfı, May 2013
7. Aydın G., Bölüm Birinciliği Ödülü, Karadeniz Teknik Üniversitesi, June 2005

Jury Memberships

Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, November, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Karadeniz Teknik Üniversitesi, July, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Karadeniz Teknik Üniversitesi, June, 2020

Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, February, 2020

Post Graduate, Post Graduate, Gümüşhane Üniversitesi, July, 2019

Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, September, 2018

Doctoral Examination, Doctoral Examination, Karadeniz Technical University, September, 2018

Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, January, 2017

Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, December, 2016

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

1. **Effect of abrasive type on marble cutting performance of abrasive waterjet**
AYDIN G., KAYA S., KARAKURT İ.
ARABIAN JOURNAL OF GEOSCIENCES, vol.12, no.11, 2019 (Journal Indexed in SCI)
2. **Utilization of solid-cutting waste of granite as an alternative abrasive in abrasive waterjet cutting of marble**
AYDIN G., KAYA S., KARAKURT İ.
JOURNAL OF CLEANER PRODUCTION, vol.159, pp.241-247, 2017 (Journal Indexed in SCI)
3. **Energy consumption modeling using artificial neural networks: The case of the world's highest consumers**
AYDIN G., Jang H., Topal E.
ENERGY SOURCES PART B-ECONOMICS PLANNING AND POLICY, vol.11, no.3, pp.212-219, 2016 (Journal Indexed in SCI)
4. **Performance Prediction of Diamond Sawblades Using Artificial Neural Network and Regression Analysis**

- AYDIN G., KARAKURT İ., Hamzacebi C.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.40, no.7, pp.2003-2012, 2015 (Journal Indexed in SCI)
5. **The Development and Validation of Regression Models to Predict Energy-related CO₂ Emissions in Turkey**
Aydin G.
ENERGY SOURCES PART B-ECONOMICS PLANNING AND POLICY, vol.10, no.2, pp.176-182, 2015 (Journal Indexed in SCI)
 6. **The Application of Trend Analysis for Coal Demand Modeling**
Aydin G.
ENERGY SOURCES PART B-ECONOMICS PLANNING AND POLICY, vol.10, no.2, pp.183-191, 2015 (Journal Indexed in SCI)
 7. **Performance of recycling abrasives in rock cutting by abrasive water jet**
Aydin G.
JOURNAL OF CENTRAL SOUTH UNIVERSITY, vol.22, no.3, pp.1055-1061, 2015 (Journal Indexed in SCI)
 8. **Forecasting Natural Gas Production Using Various Regression Models**
Aydin G.
PETROLEUM SCIENCE AND TECHNOLOGY, vol.33, pp.1486-1492, 2015 (Journal Indexed in SCI)
 9. **Regression Models for Forecasting Global Oil Production**
Aydin G.
PETROLEUM SCIENCE AND TECHNOLOGY, vol.33, pp.1822-1828, 2015 (Journal Indexed in SCI)
 10. **The Modeling and Projection of Primary Energy Consumption by the Sources**
Aydin G.
ENERGY SOURCES PART B-ECONOMICS PLANNING AND POLICY, vol.10, no.1, pp.67-74, 2015 (Journal Indexed in SCI)
 11. **Artificial neural network and regression models for performance prediction of abrasive waterjet in rock cutting**
AYDIN G., KARAKURT İ., Hamzacebi C.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.75, pp.1321-1330, 2014 (Journal Indexed in SCI)
 12. **Recycling of abrasives in abrasive water jet cutting with different types of granite**
Aydin G.
ARABIAN JOURNAL OF GEOSCIENCES, vol.7, no.10, pp.4425-4435, 2014 (Journal Indexed in SCI)
 13. **An investigation on the kerf width in abrasive waterjet cutting of granitic rocks**
KARAKURT İ., AYDIN G., AYDINER K.
ARABIAN JOURNAL OF GEOSCIENCES, vol.7, no.7, pp.2923-2932, 2014 (Journal Indexed in SCI)
 14. **Modeling of energy consumption based on economic and demographic factors: The case of Turkey with projections**
Aydin G.
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.35, pp.382-389, 2014 (Journal Indexed in SCI)
 15. **Production Modeling in the Oil and Natural Gas Industry: An Application of Trend Analysis**
Aydin G.
PETROLEUM SCIENCE AND TECHNOLOGY, vol.32, no.5, pp.555-564, 2014 (Journal Indexed in SCI)
 16. **The Modeling of Coal-related CO₂ Emissions and Projections into Future Planning**
Aydin G.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.36, no.2, pp.191-201, 2014 (Journal Indexed in SCI)
 17. **Wear Performance of Saw Blades in Processing of Granitic Rocks and Development of Models for Wear Estimation**
AYDIN G., KARAKURT İ., AYDINER K.
ROCK MECHANICS AND ROCK ENGINEERING, vol.46, no.6, pp.1559-1575, 2013 (Journal Indexed in SCI)
 18. **Prediction of the Cut Depth of Granitic Rocks Machined by Abrasive Waterjet (AWJ)**

- AYDIN G., KARAKURT İ., AYDINER K.
ROCK MECHANICS AND ROCK ENGINEERING, vol.46, no.5, pp.1223-1235, 2013 (Journal Indexed in SCI)
19. **Investigation of the surface roughness of rocks sawn by diamond sawblades**
AYDIN G., KARAKURT İ., AYDINER K.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, vol.61, pp.171-182, 2013 (Journal Indexed in SCI)
20. **Development of Predictive Models for the Specific Energy of Circular Diamond Sawblades in the Sawing of Granitic Rocks**
AYDIN G., KARAKURT İ., AYDINER K.
ROCK MECHANICS AND ROCK ENGINEERING, vol.46, no.4, pp.767-783, 2013 (Journal Indexed in SCI)
21. **Diamond recovery from waste sawblades: A preliminary investigation**
CELEP O., AYDIN G., KARAKURT İ.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE, vol.227, no.6, pp.917-921, 2013 (Journal Indexed in SCI)
22. **Predictive modelling of noise level generated during sawing of rocks by circular diamond sawblades**
KARAKURT İ., AYDIN G., AYDINER K.
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.38, no.3, pp.491-511, 2013 (Journal Indexed in SCI)
23. **Experimental and statistical analysis of cutting force acting on diamond sawblade in sawing of granitic rocks**
KARAKURT İ., AYDIN G., AYDINER K.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE, vol.227, pp.286-300, 2013 (Journal Indexed in SCI)
24. **A study on the prediction of kerf angle in abrasive waterjet machining of rocks**
KARAKURT İ., AYDIN G., AYDINER K.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE, vol.226, pp.1489-1499, 2012 (Journal Indexed in SCI)
25. **Performance of Abrasive Waterjet in Granite Cutting: Influence of the Textural Properties**
AYDIN G., KARAKURT İ., AYDINER K.
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.24, no.7, pp.944-949, 2012 (Journal Indexed in SCI)
26. **Sources and mitigation of methane emissions by sectors: A critical review**
KARAKURT İ., AYDIN G., AYDINER K.
RENEWABLE ENERGY, vol.39, no.1, pp.40-48, 2012 (Journal Indexed in SCI)
27. **Analysis and Mitigation Opportunities of Methane Emissions from the Energy Sector**
AYDIN G., Karakurt İ., Aydiner K.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.34, no.11, pp.967-982, 2012 (Journal Indexed in SCI)
28. **An Experimental Study on the Depth of Cut of Granite in Abrasive Waterjet Cutting**
KARAKURT İ., AYDIN G., AYDINER K.
MATERIALS AND MANUFACTURING PROCESSES, vol.27, no.5, pp.538-544, 2012 (Journal Indexed in SCI)
29. **Analysis of the kerf angle of the granite machined by abrasive waterjet (AWJ)**
KARAKURT İ., AYDIN G., AYDINER K.
INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES, vol.18, no.6, pp.435-442, 2011 (Journal Indexed in SCI)
30. **An investigation on surface roughness of granite machined by abrasive waterjet**
AYDIN G., KARAKURT İ., AYDINER K.
BULLETIN OF MATERIALS SCIENCE, vol.34, no.4, pp.985-992, 2011 (Journal Indexed in SCI)
31. **Mine ventilation air methane as a sustainable energy source**
KARAKURT İ., AYDIN G., AYDINER K.
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.15, no.2, pp.1042-1049, 2011 (Journal Indexed in SCI)
32. **Evaluation of geologic storage options of CO₂: Applicability, cost, storage capacity and safety**

Articles Published in Other Journals

1. **Aşındırıcı Sujetiyle Doğaltaş Kesmede Granit Atıklarının Aşındırıcı Olarak Değerlendirilmesi**
AYDIN G., KAYA S., KARAKURT İ., YILDIRIM F.
Bilimsel Madencilik Dergisi, vol.58, no.3, pp.211-218, 2019 (Other Refereed National Journals)
2. **Effect of operating variables on specific wear rate of diamond sawblades in sawing of granites**
KARAKURT İ., AYDIN G., AYDINER K.
Engineering Science and Technology, An International Journal, vol.16, pp.11-16, 2013 (National Refreed University Journal)
3. **Development of predictive models for specific energy of diamond sawblades concerning operating variables**
AYDIN G., KARAKURT İ., AYDINER K.
Engineering Science and Technology, an International Journal, vol.15, pp.155-161, 2012 (National Refreed University Journal)
4. **Effect of the rock grain size on the cutting performance of abrasive waterjet AWJ**
KARAKURT İ., AYDIN G., AYDINER K.
MADENCİLİK, vol.50, no.1, pp.23-32, 2012 (Other Refereed National Journals)
5. **Dogal gaz ve petrol sistemlerinden kaynaklanan metan emisyonlarının analizi: 1990–2010**
AYDIN G., KARAKURT İ., AYDINER K.
ERCİYES ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, vol.28, pp.205-224, 2012 (National Refreed University Journal)
6. **Analysis of methane emissions from natural gas and oil systems 1990 2010**
AYDIN G., KARAKURT İ., AYDINER K.
Erciyes University Journal of the Institute of Science and Technology, vol.28, no.3, pp.205-224, 2011 (Other Refereed National Journals)
7. **A Machinability Study of Granite Using Abrasive Waterjet Cutting Technology**
KARAKURT İ., AYDIN G., AYDINER K.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.24, no.1, pp.143-151, 2011 (Journal Indexed in ESCI)
8. **Antropojenik metan emisyonlarının sektörel analizi**
AYDIN G., KARAKURT İ., AYDINER K.
TÜBAV Bilim Dergisi, vol.4, pp.42-51, 2011 (Other Refereed National Journals)
9. **Kayaç tane boyutunun aşındırıcı su jeti (ASJ) kesme performansına etkisi**
KARAKURT İ., AYDIN G., AYDINER K.
Madencilik, vol.50, pp.23-32, 2011 (Other Refereed National Journals)
10. **Asındırıcılı su jeti ile kesmede kesme parametrelerinin granit yüzey pürüzlülüğüne etkisi**
KARAKURT İ., AYDIN G., AYDINER K.
Hacettepe Üniversitesi Yerbilimleri Dergisi, vol.31, pp.99-110, 2010 (National Refreed University Journal)
11. **Investigation of effect of the process parameters on kerf angle of the granite in abrasive waterjet cutting Aşındırıcı su jeti ile kesmede çalışma parametrelerinin granit kerf açısına etkisinin araştırılması**
Aydin G., Karakurt I., Aydiner K.
Madencilik, vol.49, no.2, pp.17-26, 2010 (Refereed Journals of Other Institutions)
12. **Asındırıcı su jeti ile kesmede çalışma parametrelerinin granit kerf açısına etkisinin araştırılması**
AYDIN G., KARAKURT İ., AYDINER K.
Madencilik, vol.49, pp.17-26, 2010 (Other Refereed National Journals)
13. **Effect of the abrasive grain size on the cutting performance of concrete in abrasive waterjet technology**

- KARAKURT İ., AYDIN G., AYDINER K.
TECHNOLOGY, vol.13, pp.145-150, 2010 (National Refreed University Journal)
14. **Ocak havasındaki düşük konsantrasyonlu metanın azaltım ve kullanım teknolojileri**
KARAKURT İ., AYDIN G., AYDINER K.
Sigma Mühendislik ve Fen Bilimleri Dergisi, vol.28, pp.49-65, 2010 (National Refreed University Journal)
15. **Assessment of the surface quality of the granite cut by abrasive waterjet**
AYDIN G., KARAKURT İ., AYDINER K.
TECHNOLOGY, vol.13, pp.41-48, 2010 (National Refreed University Journal)
16. **Assessment of the Applications of Water Jet Technology in Mining**
KARAKURT İ., AYDIN G., AYDINER K.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.16, no.1, pp.105-112, 2010 (Journal Indexed in ESCI)
17. **Aşındırıcılı su jeti ile kesmede kesme parametrelerinin granit yüzey pürüzlülüğüne etkisi**
KARAKURT İ., AYDIN G., AYDINER K.
Hacettepe Üniversitesi Yerbilimleri Dergisi, vol.31, no.2, pp.99-110, 2010 (Other Refereed National Journals)
18. **Effect of cutting parameters on the surface roughness of granite in abrasive waterjet cutting**
Aşındırıcılı su jeti ile kesmede kesme parametrelerinin granit yüzey pürüzlülüğüne etkisi
KARAKURT İ., AYDIN G., AYDINER K.
Yerbilimleri/ Earth Sciences, vol.31, no.2, pp.99-110, 2010 (Refereed Journals of Other Institutions)
19. **Su jeti teknolojisinin madencilik sektöründeki uygulamalarının değerlendirilmesi**
KARAKURT İ., AYDIN G., AYDINER K.
PAMUKKALE ÜNİVERSİTESİ MÜHENDİSLİK BİLİMLERİ DERGİSİ, vol.16, pp.113-121, 2010 (National Refreed University Journal)
20. **Aşındırıcı su jeti ile kesmede çalışma parametrelerinin granit kerf açısına etkisinin araştırılması**
AYDIN G., KARAKURT İ., AYDINER K.
Madencilik, vol.49, no.2, pp.17-26, 2010 (Other Refereed National Journals)
21. **MITIGATION AND UTILIZATION TECHNOLOGIES OF LOW CONCENTRATION METHANE IN MINE VENTILATION AIR**
KARAKURT İ., AYDIN G., AYDINER K.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDİSLİK VE FEN BİLİMLERİ DERGİSİ, vol.28, no.1, pp.49-65, 2010 (Journal Indexed in ESCI)
22. **Su jeti teknolojisinin madencilik sektöründeki uygulamalarının değerlendirilmesi**
KARAKURT İ., AYDIN G., AYDINER K.
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, vol.16, no.1, pp.113-121, 2010 (Other Refereed National Journals)
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Kesilebilirlik Modellemede Regresyon Analizi, Postgraduate, 2019 - 2020
Maden Mekanizasyonu, Postgraduate, 2019 - 2020
Fosil Enerji, Doctorate, 2019 - 2020
Doğal Taşlarda Yüzey İşleme, Doctorate, 2019 - 2020
Yeraltı Maden İşletmeciliği, Undergraduate, 2019 - 2020
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Advising Theses

Aydın G., Aşındırıcı Su Jeti ile Doğal Taş Kesmede Alternatif Aşındırıcıların Performanslarının Deneysel İncelenmesi, Doctorate, S.KAYA(Student), Continues
Aydın G., Granit, Cam ve Cüruf Atıklarının Aşındırıcı Su Jeti ile Doğal Taş Kesmede Aşındırıcı Olarak Kullanımı, Doctorate, M.Reza(Student), Continues
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Memberships / Tasks in Scientific Organizations

Global Methane Initiative Project Network, Member, 2009 - Continues, United States Of America

TMMOB Maden Mühendisleri Odası, Member, 2005 - Continues, Turkey

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Aydın G., 3rd Conference of the Arabian Journal of Geosciences, Scientific Congress, Tunisia, Kasım 2020
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Aydın G., 12. Bölgesel Kaya Mekaniği Sempozyumu, Scientific Congress, Trabzon, Turkey, Ekim 2018
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Research Areas

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