

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 başarılı 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'ne Yardımcı Doçent unvanı ile Öğretim Üyesi olarak atandı. 2016 yılında Doçent unvanını aldı. Aydın, 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, Kömür ve Küresel Isınma, Maden Havalandırma Tasarımı 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 27.02.2021 tarihi itibarıyla 742/904/1395 (Web of Science/Scopus/Google Scholar) atf almıştır. Aydın'ın h-indeksi ise yine aynı tarih itibarıyla 17/19/23'tür (Web of Science/Scopus/Google Scholar). Danışmanlığında bir yüksek lisans tezi tamamlanmıştır. 2 doktora ve 1 yüksek lisans öğrencisinin ise danışmanlığını yürütmektedir. Konuk Bilim İnsanı destekleme programı kapsamında TÜBİTAK tarafından desteklenen bir projede yürütücü ve iki BAP projesinde araştırmacı olarak görev almıştır. Şu an devam eden iki BAP 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 Madenciligini Geliştirme Vakfı, 2012), Ar-Ge Proje Ödülü (Dedeman Holding, 2013), Bilimsel Performans Ödülü (KTÜ Mühendislik Fakültesi, 2013), Outstanding Reviewer Award (Elsevier, birçok kez) ve Genç Bilim & Sanat İnsanı Ödülü'ne (Karadeniz Teknik Üniversitesi, 2017) layık görülmüştür. Aydın, Stanford Üniversitesi'nin koordinatörlüğünde çeşitli değerlendirme kriterleri (h-indeksi, yayın sayısı, atf sayısı vb.) referans alınarak hazırlanan 'Dünyanın En Etkili Bilim İnsanları' listesinde yer almıştır. Bu listede, Madencilik & Metalurji alanında dünya sıralamasında (27568 bilim insanı arasında) ilk yüz (64.) bilim insanı arasına girmiştir.

Aydın'ın son dönem araştırma ilgisi 'Aşındırıcılı Sujeti ile Kayaç Kesme' konusuna odaklanmaktadır. Aydın, ilgili konu kapsamında aşındırıcı olarak kullanılabilir ticari ve atık nitelikli malzemelerin kesme performansını/verimini irdelemektedir. Danışmanlığında yürütülen iki doktora tezinde bu konular detaylarıyla çalışılmaktadır. Halen Karadeniz Teknik Üniversitesi Maden Mühendisliği Bölümü'nde Öğretim Üyesi olarak çalışmalarını sürdürmektedir. Evli olan Aydın'ın Tuğrul Mirza ve Yaman Mahir isimlerinde iki çocuğu bulunmaktadır.

Learning Knowledge

Doctorate 2008 - 2012	Karadeniz Technical University, Fen Bilimleri Enstitüsü, Maden Mühendisliği Bölümü, Turkey
Post Graduate 2005 - 2008	Karadeniz Technical University, Fen Bilimleri Enstitüsü, Maden Mühendisliği Bölümü, Turkey
Under Graduate 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

Post Graduate, 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

Associate Professor 2016 - Continues	Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği Bölümü
Assistant Professor 2013 - 2016	Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği Bölümü
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., TÜBİTAK Project, Ekonomik ve Demografik Göstergelerin Fonksiyonu Olarak Birincil Enerji Tüketiminin Modellenmesi, 2014 - 2014
- Aydın G., Karakurt İ., Project Supported by Higher Education Institutions, Aşındırıcı Su Jeti ile Kayaç Kesmede Aşındırıcı Malzeme Performansı Üzerinde Etkin Kayaç Özelliklerinin Araştırılması, 2012 - 2013
- 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

- Aydın G., Seçkin Hakemlik Ödülleri, Elsevier, July 2019
- Aydın G., Genç Bilim ve Sanat İnsanı Ödülü, Karadeniz Teknik Üniversitesi, May 2017

3. Aydın G., Bilimsel Performans Ödülü, Karadeniz Teknik Üniversitesi-Müh. Fak., December 2013
4. Aydın G., Ar-Ge Proje Ödülü, Dedeman Holding, November 2013
5. Aydın G., Bilim Teşvik Ödülü, Yurt Madenciliğini Geliştirme Vakfı, May 2013
6. 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**
Aydın 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**
Aydın 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**
Aydın 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**
AYDIN G., KARAKURT İ., AYDINER K.
ENERGY POLICY, vol.38, no.9, pp.5072-5080, 2010 (Journal Indexed in SCI)

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. **Doğal 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 asındırıcı 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**
Aşındırıcı 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 MUHENDISLIK VE FEN BILIMLERI DERGISI, 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)
23. **Carbon dioxide storage at unminable coal seams İşetilemeyen kömür damarlarında karbondioksitin depolanması**
AYDIN G., KARAKURT İ., AYDINER K.
Madencilik, vol.48, no.4, pp.31-44, 2009 (Refereed Journals of Other Institutions)
24. **Yeraltı kömür damarlarından üretilen metanın kullanım teknolojileri**
AYDIN G., KARAKURT İ.
PAMUKKALE ÜNİVERSİTESİ MÜHENDİSLİK BİLİMLERİ DERGİSİ, vol.15, pp.129-136, 2009 (National Refreed University Journal)
25. **THE UTILIZATION TECHNOLOGIES OF METHANE PRODUCED FROM UNDERGRAUND COAL SEAMS**
AYDIN G., KARAKURT İ.
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Kesilebilirlik Modellemede Regresyon Analizi, Post Graduate, 2019 - 2020
Maden Mekanizasyonu, Post Graduate, 2019 - 2020
Fosil Enerji, Doctorate, 2019 - 2020
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Yeraltı Maden İşletmeciliği, Under Graduate, 2019 - 2020
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Memberships / Tasks in Scientific Organizations

Global Methane Initiative Project Network, Member, 2009 - Continues, United States Of America
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Tasks In Event Organizations

Aydın G., International Online Engineering and Natural Sciences Conference, Scientific Congress, Turkey, Temmuz 2021

Aydın G., 3rd Conference of the Arabian Journal of Geosciences, Scientific Congress, Tunisia, Kasım 2020
Aydın G., 2nd Conference of the Arabian Journal of Geosciences, Scientific Congress, Tunisia, Kasım 2019
Aydın G., 12. Bölgesel Kaya Mekaniği Sempozyumu, Scientific Congress, Trabzon, Turkey, Ekim 2018
Aydın G., 25th International Mining Congress and Exhibition of Turkey, Scientific Congress, Antalya, Turkey, Nisan 2017

Invited Congress and Symposium Activities

Türkiye 26. Uluslararası Madencilik Kongresi ve Sergisi, Attendee, Antalya, Turkey, 2019
Türkiye 21. Uluslararası Kömür Kongresi, Attendee, Zonguldak, Turkey, 2018
9. Uluslararası Mermer ve Doğaltaş Kongresi ve Sergisi, Attendee, Antalya, Turkey, 2017
6. Uluslararası Maden Makinaları ve Teknolojileri Kongresi, Attendee, İzmir, Turkey, 2017
25th International Mining Congress and Exhibition of Turkey, Attendee, Antalya, Turkey, 2017
Maden İşletmelerinde İş Güvenliği ve İşçi Sağlığı Sempozyumu, Attendee, Adana, Turkey, 2015
15th International Multidisciplinary Scientific Geo-Conference&Expo, Attendee, Albena, Bulgaria, 2015
24th International Mining Congress and Exhibition of Turkey, Antalya, Attendee, Antalya, Turkey, 2015
14th International Multidisciplinary Scientific Geo-Conference&Expo, Attendee, Albena, Bulgaria, 2014
13rd International Multidisciplinary Scientific Geo-Conference&Expo, Attendee, Albena, Bulgaria, 2013
4. Maden Makineleri Sempozyumu, Attendee, İzmir, Turkey, 2013
4. Maden Makineleri Sempozyumu, Attendee, İzmir, Turkey, 2013
23rd International Mining Congress and Exhibition of Turkey, Attendee, Antalya, Turkey, 2013
8th International Industrial Minerals Symposium, Attendee, İstanbul, Turkey, 2012
8th International Marble and Natural Stone Congress, Attendee, Afyonkarahisar, Turkey, 2012
1. Yerbilimleri Sempozyumu, Attendee, Isparta, Turkey, 2012
21st International Conference on Water Jetting, Attendee, Ottawa, Canada, 2012
12th International Multidisciplinary Scientific Geo-Conference&EXPO, Attendee, Albena, Bulgaria, 2012
American Waterjet Conference and Expo, Attendee, Texas, United States Of America, 2011
22nd World Mining Congress & Expo, Attendee, İstanbul, Turkey, 2011
22nd International Mining Congress and Exhibition of Turkey, 11-13 Mayıs, Ankara,, Attendee, Ankara, Turkey, 2011
2. Atık Teknolojileri Sempozyumu ve Sergisi, Attendee, İstanbul, Turkey, 2010
1st International Symposium on Environment and Forestry, Attendee, Trabzon, Turkey, 2010
20th International Conference on Water Jetting, Attendee, Graz, Austria, 2010
10th International Multidisciplinary Scientific Geo-Conference&EXPO, Attendee, Albena, Bulgaria, 2010
7. International Marble and Natural Stone Congress, Attendee, Afyonkarahisar, Turkey, 2010
17. Kömür Kongresi, Attendee, Zonguldak, Turkey, 2010
7. Enerji Sempozyumu, Attendee, Ankara, Turkey, 2009
Maden İşletmelerinde İş Sağlığı ve Güvenliği Sempozyumu, Attendee, Adana, Turkey, 2009
3. Balkan Madencilik Kongresi, Attendee, İzmir, Turkey, 2009
3. Madencilik ve Çevre Sempozyumu, Attendee, Ankara, Turkey, 2009
Türkiye 21. Uluslararası Madencilik Kongresi ve Sergisi, Attendee, Antalya, Turkey, 2009

Citations

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Research Areas

Mining Engineering and Technology, Mining Operations, Engineering and Technology