

Res. Asst. PhD EKİN KÖKEN

Personal Information

Email: ekin.koken@agu.edu.tr

Web: <https://avesis.agu.edu.tr/ekin.koken>

Education Information

Doctorate, Zonguldak Bülent Ecevit University, Graduate School Of Natural And Applied Sciences, Mining Engineering, Turkey 2014 - 2019

Postgraduate, Zonguldak Bülent Ecevit University, Graduate School Of Natural And Applied Sciences, Mining Engineering, Turkey 2011 - 2013

Undergraduate, Selcuk University, Faculty Of Engineering, Department Of Geological Engineering, Turkey 2006 - 2010

Foreign Languages

English, B2 Upper Intermediate

Academic Titles / Tasks

Research Assistant, Abdullah Gul University, Mühendislik Fakültesi, 2011 - Continues

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

- I. **Prediction of Mechanical Properties of Coal from Non-destructive Properties: A Comparative Application of MARS, ANN, and GA**
Lawal A. I. , Oniyide G. O. , Kwon S., Onifade M., KÖKEN E., Ogunsola N. O.
NATURAL RESOURCES RESEARCH, 2021 (Journal Indexed in SCI)
- II. **A COMPARATIVE STUDY ON POWER CALCULATION METHODS FOR CONVEYOR BELTS IN MINING INDUSTRY**
KÖKEN E., Lawal A. I. , Onifade M., ÖZARSLAN A.
INTERNATIONAL JOURNAL OF MINING RECLAMATION AND ENVIRONMENT, 2021 (Journal Indexed in SCI)
- III. **Investigating the effects of feeding properties on rock breakage by jaw crusher using response surface method and gene expression programming**
KÖKEN E., Lawal A. I.
ADVANCED POWDER TECHNOLOGY, vol.32, no.5, pp.1521-1531, 2021 (Journal Indexed in SCI)
- IV. **Roles of curing conditions on properties of soil reinforced with palm fiber and lime**
Qu J., Wang J., Batugin A., Zhu H., KÖKEN E., Mihaela C. L. , Mao H., Liu B., Huang X., Xiong K., et al.
EMERGING MATERIALS RESEARCH, vol.10, no.1, pp.90-102, 2021 (Journal Indexed in SCI)
- V. **Evaluation of size reduction process for rock aggregates in cone crusher**
KÖKEN E.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, 2020 (Journal Indexed in SCI)
- VI. **Size Reduction Characterization of Underground Mine Tailings: A Case Study on Sandstones**
KÖKEN E.
NATURAL RESOURCES RESEARCH, 2020 (Journal Indexed in SCI)

- VII. **New testing methodology for the quantification of rock crushability: Compressive crushing value (CCV)**
Koken E., Ozarslan A.
INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS, vol.25, no.11, pp.1227-1236, 2018
(Journal Indexed in SCI)
- VIII. **An experimental investigation on the durability of railway ballast material by magnesium sulfate soundness**
Koken E., Ozarslan A., Bacak G.
GRANULAR MATTER, vol.20, no.2, 2018 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **INVESTIGATION OF ROCK AGGREGATE QUALITY IMPROVEMENT THROUGH CHANGES IN CRUSHING CIRCUIT: A CASE STUDY ON VERTICAL SHAFT IMPACT CRUSHER**
Köken E., Çimşir K.
Konya Mühendislik Bilimleri Dergisi, vol.9, no.4, pp.1040-1050, 2021 (Other Refereed National Journals)
- II. **Assessment of Rock Aggregate Quality Through the Analytic Hierarchy Process (AHP)**
KÖKEN E., TOP S., ÖZARSLAN A.
GEOTECHNICAL AND GEOLOGICAL ENGINEERING, vol.38, no.5, pp.5075-5096, 2020 (Journal Indexed in ESCI)
- III. **Investigations on Fracture Evolution of Coal Measure Sandstones from Mineralogical and Textural Points of View**
KÖKEN E.
INDIAN GEOTECHNICAL JOURNAL, 2020 (Journal Indexed in ESCI)
- IV. **S20 KIRILGANLIK İNDEKSİNİN KAYAÇLARIN PARÇALANABİLİRLİĞİ AÇISINDAN İNCELENMESİ**
KÖKEN E., AYDIN H., ÖZARSLAN A.
Bilimsel Madencilik Dergisi, vol.57, pp.73-83, 2018 (Other Refereed National Journals)
- V. **SARNIÇ KÖY (HAVRAN/BALIKESİR) ÇEVRESİNDEKİ ANDEZİTLERİN AYRIŞMA BOZUNMA AÇISINDAN İNCELENMESİ**
KÖKEN E., ÖZARSLAN A.
Selçuk Üniversitesi Mühendislik, Bilim ve Teknoloji Dergisi, vol.6, no.2, pp.296-316, 2018 (Other Refereed National Journals)
- VI. **Uzunayak Madenciliğinde Ana Tavan Yüklemesinin Yalancı Tavan Kırılma Mesafesi Üzerine Etkilerinin İncelenmesi**
KÖKEN E., ÖZARSLAN A.
Madencilik Dergisi, vol.55, no.2, pp.3-22, 2016 (Other Refereed National Journals)
- VII. **Zonguldak Taşkömürü Havzası Uzunayakları İçin Bir Tavan Göçebilirlik Sınıflamasının Geliştirilmesi**
KÖKEN E.
Madencilik Dergisi, vol.53, pp.3-20, 2014 (Other Refereed National Journals)
- VIII. **Zonguldak Taşkömürü Havzası Kömür Çevre Kayaçlarının Deformasyon Modülünün Analitik Olarak Belirlenmesi**
KÖKEN E.
İstanbul Yerbilimleri Dergisi, vol.26, no.2, pp.73-81, 2013 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of High Temperature on the Strength of Geopolymer Concrete Produced from Industrial Tailings**
Top S., Timür İ., Köken E., Kurşunoğlu S., Vapur H.
6 th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG2019), Niğde,

Turkey, 16 - 18 November 2019, pp.364-370

- II. **Synthesis of Calcium Magnesium Acetate (CMA) Deicer from Dolomite**
Kurşunoğlu S., Köken E., Top S.
6 th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG2019), Niğde, Turkey, 16 - 18 November 2019, pp.357-363
- III. **On the variation in several rock properties due to magnesium sulfate weathering tests - A case study for limestones**
KÖKEN E.
19th International Multidisciplinary Geoconference Expo (SGEM 2019), Albena, Bulgaria, 28 June - 07 July 2019
- IV. **An experimental investigation on rock crushability using jaw and cone crushers**
KÖKEN E., BİLEN M., ÖZARSLAN A., BARIŞ K.
26th International Mining Congress and Exhibition of Turkey, Antalya, Turkey, 16 - 19 April 2019, pp.734-743
- V. **İri çakıl agrega malzemesi dayanımının kestirimi**
ÖZARSLAN A., SELYANI K., KÖKEN E.
12. Bölgesel Kaya mekaniği sempozyumu (KAYAMEK 2018), Trabzon, Turkey, 3 - 05 October 2018, pp.297-304
- VI. **Pompaj Depolamalı Hidroelektrik Santral Projelerinde Yeraltı Kazı ve Tahkimat Yöntemlerinin İncelenmesi**
ÖZARSLAN A., KÖKEN E.
4. Uluslararası Yeraltı Kazıları Sempozyumu, İstanbul, Turkey, 13 - 14 September 2018, pp.153-162
- VII. **Investigation on the coking potential of Zonguldak Bağlık-İnağzı Coals**
YILMAZ S., KÖKEN E., BİLEN M., KIZGUT S., TOROĞLU İ., CUHADAROĞLU A. D.
21 st International Coal Congress of Turkey, Zonguldak, Turkey, 11 - 13 April 2018, pp.337-346
- VIII. **S20 kırılgenlik indeksinin kayaçların parçalanabilirliği açısından değerlendirilmesi**
KÖKEN E., AYDIN H., ÖZARSLAN A.
6th International Congress of Mining Machinery Technologies, İzmir, Turkey, 18 - 21 October 2017, pp.105-115
- IX. **Balast Malzemesi Dayanımı Kestiriminde Nokta Yüğü Dayanım İndeksine İlişkin Kullanım Önerilerinin Geliştirilmesi**
KÖKEN E., ÖZARSLAN A.
8th. International Aggregates Symposium, Kütahya, Turkey, 13 - 14 October 2016, pp.73-83
- X. **Weathering effects on physical properties and material behaviour of granodiorite rocks**
KÖKEN E., ÖZARSLAN A., BACAĞ G.
EUROCK2016, 29 - 31 August 2016, pp.331-336
- XI. **Uzunayak Madencilğinde Tavan Göçebilirliğinin Kestirilmesi İçin Bir Bilgisayar Programının Geliştirilmesi**
KÖKEN E., ÖZARSLAN A.
20. Kömür Kongresi, Turkey, 4 - 06 May 2016, pp.339-351
- XII. **Derin Yeraltı Patlatma Uygulamalarında Özgül Şarjı Etkileyen Değişirgelerin Kümeleme Analizi ile İncelenmesi**
KÖKEN E., ÖZARSLAN A.
8. Delme Patlatma Sempozyumu, İstanbul, Turkey, 19 - 20 November 2015, pp.303-317
- XIII. **Effect of Water on the Mechanical Properties of Sandstone and Siltstone Rocks**
ÖZARSLAN A., KÖKEN E.
5th International Symposium, Mineral Resources and Mine Development, Aachen, Germany, 27 - 28 May 2015, pp.279-294
- XIV. **Balast Malzemesi Uygunluk Ölçütlerinin Farklı Standartlar ve Şartnamelere Göre İncelenmesi**
KÖKEN E., ÖZARSLAN A.
7. Ulusal Kırmataş Sempozyumu, İstanbul, Turkey, 5 - 07 March 2015, pp.303-314
- XV. **Drillability Assessment of Rocks Based on Strength and Brittleness**
SU O., SAKIZ U., KÖKEN E.
Thirty-First Annual International Pittsburgh Coal Conference, 6 - 09 October 2014, pp.697-703
- XVI. **Stability analysis of deep coal mine main roadways for pumped hydropower lower reservoir storage**

ÖZARSLAN A., Halil Y., KÖKEN E., Michael A.

Rock Mechanics for Resources, Energy and Environment, EUROCK2013, 21 - 26 October 2013, pp.587-592

XVII. Zayıf Kayaçlarda Kohezyonun Dolaylı Olarak Tahmini

KÖKEN E.

23. Uluslararası Madencilik Kongresi ve Sergisi, IMCET-2013, Antalya, Turkey, 16 - 19 April 2013, pp.537-547

Citations

Total Citations (WOS):7

h-index (WOS):1