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International Researcher IDs

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Publons / Web Of Science ResearcherID: A-1274-2013

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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enst., Maden Müh., Turkey 1991 - 1997

Postgraduate, Istanbul Technical University, Fen Bilimleri Enst., Maden Kazı Ve Mekanizasyonu, Turkey 1988 - 1991

Undergraduate, Istanbul Technical University, Maden Fakültesi, Maden Müh., Turkey 1984 - 1988

Research Areas

Mining Engineering and Technology, Mining Operations, Rock Mechanics, Excavation Techniques, Mining Methods and Mining System Analysis, Engineering and Technology

Academic Titles / Tasks

Professor, Niğde Üniversitesi, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, 2011 - Continues

Professor, Niğde Üniversitesi, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, 2007 - 2011

Associate Professor, Niğde Üniversitesi, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, 2005 - 2007

Associate Professor, Niğde Üniversitesi, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2002 - 2005

Assistant Professor, Niğde Üniversitesi, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 1998 - 2002

Lecturer, Cukurova University, Mühendislik-Mimarlık Fakültesi, Maden Mühendisliği Bölümü, 1992 - 1998

Academic and Administrative Experience

Niğde Üniversitesi, Mühendislik Fakültesi, 2009 - 2012

Niğde Üniversitesi, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, 2006 - 2009

Advising Theses

KAHRAMAN S., Kollu galeri açma makinelerinin performansının iğne penetrasyon indeksinden tahmin edilebilirliğinin araştırılması, Postgraduate, A.SERCAN(Student), 2016

KAHRAMAN S., Çayırhan Yeraltı Linyit İşletmesinde kollu galeri açma makineleri için performans modeli geliştirilmesi,

Postgraduate, E.KAHRAMAN(Student), 2012

KAHRAMAN S., Kalsit ocaklarında patlatılan kayacın parça boyutunun regresyon analizi ve yapay sinir ağıları yöntemiyle tahmin edilebilirliği, Postgraduate, B.AYKAN(Student), 2011

KAHRAMAN S., Niğde ve Kayseri yöresindeki cevherlerin makine ile kazılabilirliği, Postgraduate, R.ÇOMAKLI(Student), 2010

KAHRAMAN S., Kayaçların elektrik özdirenci ile fiziko-mekanik özellikleri arasındaki istatistiksel ilişkiler, Postgraduate, E.ÖĞRETİCİ(Student), 2006

KAHRAMAN S., Mermer plaka üretiminin ultrasonik yöntemlerle modellenmesi, Postgraduate, U.ÜLKER(Student), 2004

KAHRAMAN S., The correlations between indentation hardness and physical and mechanical properties of the rocks, Postgraduate, E.KOZMAN(Student), 2004

KAHRAMAN S., Kohezyonlu zeminlerin fiziksel ve mekanik özelliklerinin ultrasonik yöntemle tahmin edilebilirliği, Postgraduate, Y.BAY(Student), 2003

KAHRAMAN S., Mermerlerin testerelerle kesilebilirliği, Postgraduate, M.OYKUN(Student), 2002

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Performance prediction of roadheaders used in coal mines from the needle penetration index and the schmidt hammer value**
Rostami M., KAHRAMAN S., Dibavar B., FENER M.
Geomechanics and Geophysics for Geo-Energy and Geo-Resources, vol.10, no.1, 2024 (SCI-Expanded)
- II. **Predicting the strength, density, and porosity of rocks from roll crusher tests**
KAHRAMAN S., Ince I., Rostami M., Dibavar B.
Journal of the Southern African Institute of Mining and Metallurgy, vol.124, no.2, pp.53-58, 2024 (SCI-Expanded)
- III. **The needle penetration index for estimating the physico-mechanical properties of pyroclastic rocks**
KAHRAMAN S., Ince I.
Journal of the Southern African Institute of Mining and Metallurgy, vol.123, no.9, pp.463-469, 2023 (SCI-Expanded)
- IV. **Estimating the Physico-Mechanical Properties of Pyroclastic Rocks from Electrical Resistivity**
KAHRAMAN S.
PURE AND APPLIED GEOPHYSICS, vol.179, no.1, pp.301-309, 2022 (SCI-Expanded)
- V. **The effect of mineralogy on the microwave assisted cutting of igneous rocks**
KAHRAMAN S., Sarbangholi F. S., Balcı C., FENER M., KARPUZ C., Comakli R., ÜNVER B., ÖZÇELİK Y.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.81, no.1, 2022 (SCI-Expanded)
- VI. **The assessment of the factors affecting the microwave heating of magmatic rocks**
KAHRAMAN S., Canpolat A. N., FENER M., Kilic C. O.
GEOMECHANICS AND GEOPHYSICS FOR GEO-ENERGY AND GEO-RESOURCES, vol.6, no.4, 2020 (SCI-Expanded)
- VII. **The influence of microwave treatment on the compressive and tensile strength of igneous rocks**
KAHRAMAN S., Canpolat A. N., FENER M.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, vol.129, 2020 (SCI-Expanded)
- VIII. **Estimation of uniaxial compressive strength of pyroclastic rocks (Cappadocia, Turkey) by gene expression programming**
Ince I., Bozdag A., FENER M., KAHRAMAN S.
ARABIAN JOURNAL OF GEOSCIENCES, vol.12, no.24, 2019 (SCI-Expanded)
- IX. **The needle penetration index to estimate the performance of an axial type roadheader used in a coal mine**
KAHRAMAN S., Aoglu A. S., Aydin B., Saygin E.
GEOMECHANICS AND GEOPHYSICS FOR GEO-ENERGY AND GEO-RESOURCES, vol.5, no.1, pp.37-45, 2019 (SCI-Expanded)
- X. **Predicting the strength and brittleness of rocks from a crushability index**
KAHRAMAN S., Toraman O. Y., Cayirli S.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.77, no.4, pp.1639-1645, 2018 (SCI-

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- XI. **Investigating the effect of strength on the LCPC abrasivity of igneous rocks**
KAHRAMAN S., FENER M., Kaesling H., Thuro K.
GEOMECHANICS AND ENGINEERING, vol.15, no.2, pp.805-810, 2018 (SCI-Expanded)
- XII. **Estimating the uniaxial compressive strength of pyroclastic rocks from the slake durability index**
KAHRAMAN S., FENER M., GÜNAYDIN O.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.76, no.3, pp.1107-1115, 2017 (SCI-Expanded)
- XIII. **Estimating the Wet-Rock P-Wave Velocity from the Dry-Rock P-Wave Velocity for Pyroclastic Rocks**
KAHRAMAN S., FENER M., KILIÇ C. Ö.
PURE AND APPLIED GEOPHYSICS, vol.174, no.7, pp.2621-2629, 2017 (SCI-Expanded)
- XIV. **The needle penetration test for predicting coal strength**
KAHRAMAN S., Aoglu A. S., Aydin B., Saygin E.
JOURNAL OF THE SOUTHERN AFRICAN INSTITUTE OF MINING AND METALLURGY, vol.117, no.6, pp.587-591, 2017 (SCI-Expanded)
- XV. **Predicting the noise level in rock sawing from the physico-mechanical and mineralogical properties of rocks**
KAHRAMAN S., Delibalta M. S., Comakli R., FENER M.
APPLIED ACOUSTICS, vol.114, pp.244-251, 2016 (SCI-Expanded)
- XVI. **The performance prediction of roadheaders from easy testing methods**
KAHRAMAN S., KAHRAMAN S.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.75, no.4, pp.1585-1596, 2016 (SCI-Expanded)
- XVII. **The influences of textural parameters of grains on the LCPC abrasivity of coarse-grained igneous rocks**
KAHRAMAN S., Fener M., Kaesling H., Thuro K.
TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY, vol.58, pp.216-223, 2016 (SCI-Expanded)
- XVIII. **The prediction of penetration rate for percussive drills from indirect tests using artificial neural networks**
KAHRAMAN S.
JOURNAL OF THE SOUTHERN AFRICAN INSTITUTE OF MINING AND METALLURGY, vol.116, no.8, pp.790-797, 2016 (SCI-Expanded)
- XIX. **Estimating specific energy from the brittleness indexes in cutting metallic ores**
Comakli R., KAHRAMAN S., Balci C., Tumaç D.
JOURNAL OF THE SOUTHERN AFRICAN INSTITUTE OF MINING AND METALLURGY, vol.116, no.8, pp.761-766, 2016 (SCI-Expanded)
- XX. **A preliminary study on the conversion factor used in the prediction of the UCS from the BPI for pyroclastic rocks**
KAHRAMAN S., FENER M., KILIÇ C. Ö.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.75, no.2, pp.771-780, 2016 (SCI-Expanded)
- XXI. **Estimating the Penetration Rate in Diamond Drilling in Laboratory Works Using the Regression and Artificial Neural Network Analysis**
KAHRAMAN S.
NEURAL PROCESSING LETTERS, vol.43, no.2, pp.523-535, 2016 (SCI-Expanded)
- XXII. **Review of Ground Characterization by Using Instrumented Drills for Underground Mining and Construction**
KAHRAMAN S., ROSTAMI J., NAEIMPOUR A.
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- XXIII. **An assessment on the indirect determination of the volumetric block proportion of Misis fault breccia (Adana, Turkey)**
KAHRAMAN S., Alber M., Fener M., Gunaydin O.

- BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.74, no.3, pp.899-907, 2015 (SCI-Expanded)
- XXIV. **The Usability of Noise Level from Rock Cutting for the Prediction of Physico-Mechanical Properties of Rocks**
Delibalta M. S., KAHRAMAN S., Comakli R.
FLUCTUATION AND NOISE LETTERS, vol.14, no.1, 2015 (SCI-Expanded)
- XXV. **The usability of the Cerchar abrasivity index for the evaluation of the triaxial strength of Misis Fault Breccia**
KAHRAMAN S., ALBER M., Gunaydin O., Fener M.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.74, no.1, pp.163-170, 2015 (SCI-Expanded)
- XXVI. **Electrical impedance spectroscopy measurements to estimate the uniaxial compressive strength of a fault breccia**
KAHRAMAN S., ALBER M.
BULLETIN OF MATERIALS SCIENCE, vol.37, no.6, pp.1543-1550, 2014 (SCI-Expanded)
- XXVII. **Estimation of rock strength from quantitative assessment of rock texture**
Öztürk C. A., Nasuf E., KAHRAMAN S.
JOURNAL OF THE SOUTHERN AFRICAN INSTITUTE OF MINING AND METALLURGY, vol.114, no.6, pp.471-480, 2014 (SCI-Expanded)
- XXVIII. **The determination of uniaxial compressive strength from point load strength for pyroclastic rocks**
Kahraman S.
ENGINEERING GEOLOGY, vol.170, pp.33-42, 2014 (SCI-Expanded)
- XXIX. **Performance prediction of roadheaders in metallic ore excavation**
COMAKLI R., KAHRAMAN S., Balcı C.
TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY, vol.40, pp.38-45, 2014 (SCI-Expanded)
- XXX. **NOISE LEVEL MEASUREMENT TEST TO PREDICT THE ABRASION RESISTANCE OF ROCK AGGREGATES**
KAHRAMAN S., Delibalta M. S., Comakli R.
FLUCTUATION AND NOISE LETTERS, vol.12, no.4, 2013 (SCI-Expanded)
- XXXI. **Predicting the compressive and tensile strength of rocks from indentation hardness index**
KAHRAMAN S., Fener M., Kozman E.
JOURNAL OF THE SOUTHERN AFRICAN INSTITUTE OF MINING AND METALLURGY, vol.112, no.5, pp.331-339, 2012 (SCI-Expanded)
- XXXII. **The drillability assessment of rocks using the different brittleness values**
Yarali O., KAHRAMAN S.
TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY, vol.26, no.2, pp.406-414, 2011 (SCI-Expanded)
- XXXIII. **The usability of Cerchar abrasivity index for the prediction of UCS and E of Misis Fault Breccia: Regression and artificial neural networks analysis**
KAHRAMAN S., Alber M., Fener M., Gunaydin O.
EXPERT SYSTEMS WITH APPLICATIONS, vol.37, no.12, pp.8750-8756, 2010 (SCI-Expanded)
- XXXIV. **Electrical resistivity measurement to predict uniaxial compressive and tensile strength of igneous rocks**
KAHRAMAN S., YEKEN T.
BULLETIN OF MATERIALS SCIENCE, vol.33, no.6, pp.731-735, 2010 (SCI-Expanded)
- XXXV. **Predicting the crushability of rocks from the impact strength index**
Toraman O. Y., KAHRAMAN S., Cayirli S.
MINERALS ENGINEERING, vol.23, no.9, pp.752-754, 2010 (SCI-Expanded)
- XXXVI. **Analyses of acoustic emission response of a fault breccia in uniaxial deformation**
Slatalla N., Alber M., KAHRAMAN S.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.69, no.3, pp.455-463, 2010 (SCI-Expanded)
- XXXVII. **The effect of rock classes on the relation between uniaxial compressive strength and point load index**
KAHRAMAN S., Gunaydin O.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.68, no.3, pp.345-353, 2009 (SCI-Expanded)

- XXXVIII. **Reply to Yagiz's discussion on Kahraman and Gunaydin (2008) indentation hardness test to estimate the sawability of carbonate rocks. Bull Eng Geol Environ 67:507-511**
KAHRAMAN S., Gunaydin O.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.68, no.3, pp.441-442, 2009 (SCI-Expanded)
- XXXIX. **Evaluating the strength and deformability properties of Misis fault breccia using artificial neural networks**
KAHRAMAN S., Gunaydin O., Alber M., Fener M.
EXPERT SYSTEMS WITH APPLICATIONS, vol.36, no.3, pp.6874-6878, 2009 (SCI-Expanded)
- XL. **Predicting the uniaxial compressive strength and elastic modulus of a fault breccia from texture coefficient**
Alber M., KAHRAMAN S.
ROCK MECHANICS AND ROCK ENGINEERING, vol.42, no.1, pp.117-127, 2009 (SCI-Expanded)
- XLI. **Evaluating the geomechanical properties of Misis fault breccia (Turkey)**
KAHRAMAN S., Alber M., Fener M., Gunaydin O.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, vol.45, no.8, pp.1469-1479, 2008 (SCI-Expanded)
- XLII. **Indentation hardness test to estimate the sawability of carbonate rocks**
KAHRAMAN S., Gunaydin O.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.67, no.4, pp.507-511, 2008 (SCI-Expanded)
- XLIII. **Triaxial strength of a fault breccia of weak rocks in a strong matrix**
KAHRAMAN S., Alber M.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.67, no.3, pp.435-441, 2008 (SCI-Expanded)
- XLIV. **Determination of physical properties of carbonate rocks from P-wave velocity**
KAHRAMAN S., YEKEN T.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.67, no.2, pp.277-281, 2008 (SCI-Expanded)
- XLV. **Predicting Los Angeles abrasion loss of rock aggregates from crushability index**
KAHRAMAN S., Toraman O. Y.
BULLETIN OF MATERIALS SCIENCE, vol.31, no.2, pp.173-177, 2008 (SCI-Expanded)
- XLVI. **Electrical resistivity measurements to predict abrasion resistance of rock aggregates**
KAHRAMAN S., Fener M.
BULLETIN OF MATERIALS SCIENCE, vol.31, no.2, pp.179-184, 2008 (SCI-Expanded)
- XLVII. **Determination of fracture depth of rock blocks from P-wave velocity**
KAHRAMAN S., Soylemez M., Fener M.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.67, no.1, pp.11-16, 2008 (SCI-Expanded)
- XLVIII. **Empirical methods to predict the abrasion resistance of rock aggregates**
KAHRAMAN S., Gunaydin O.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.66, no.4, pp.449-455, 2007 (SCI-Expanded)
- XLIX. **The correlations between the saturated and dry P-wave velocity of rocks**
KAHRAMAN S.
ULTRASONICS, vol.46, no.4, pp.341-348, 2007 (SCI-Expanded)
- L. **Predicting the Los Angeles abrasion loss of rock aggregates from the uniaxial compressive strength**
KAHRAMAN S., Fener M.
MATERIALS LETTERS, vol.61, no.26, pp.4861-4865, 2007 (SCI-Expanded)
- LI. **Performance prediction of circular diamond saws from mechanical rock properties in cutting carbonate rocks**
Fener M., KAHRAMAN S., Ozder M. O.
ROCK MECHANICS AND ROCK ENGINEERING, vol.40, no.5, pp.505-517, 2007 (SCI-Expanded)
- LII. **Multifactorial fuzzy approach to the sawability classification of building stones**
Tutmez B., KAHRAMAN S., Gunaydin O.
CONSTRUCTION AND BUILDING MATERIALS, vol.21, no.8, pp.1672-1679, 2007 (SCI-Expanded)
- LIII. **A quality classification of building stones from P-wave velocity and its application to stone cutting**

with gang saws

KAHRAMAN S., Ulker U., Delibalta M. S.

JOURNAL OF THE SOUTH AFRICAN INSTITUTE OF MINING AND METALLURGY, vol.107, no.7, pp.427-430, 2007 (SCI-Expanded)

- LIV. **Authors' reply to the discussion by A. Karakus on the paper "predicting the sawability of carbonate rocks using multiple curvilinear regression analysis"**
KAHRAMAN S., Fener M., Gunaydin O.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, vol.43, no.8, pp.1308-1310, 2006 (SCI-Expanded)
- LV. **Estimating unconfined compressive strength and elastic modulus of a fault breccia mixture of weak blocks and strong matrix**
KAHRAMAN S., Alber M.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, vol.43, no.8, pp.1277-1287, 2006 (SCI-Expanded)
- LVI. **Reply to the discussion by A. Sawangsuriya and D. Fratta on "Correlations between P-wave velocity and Atterberg limits of cohesive soils"**
Fener M., KAHRAMAN S., Bay Y., Gunaydin O.
CANADIAN GEOTECHNICAL JOURNAL, vol.43, no.6, pp.656-657, 2006 (SCI-Expanded)
- LVII. **Predicting the physico-mechanical properties of rocks from electrical impedance spectroscopy measurements**
KAHRAMAN S., Alber A.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, vol.43, no.4, pp.543-553, 2006 (SCI-Expanded)
- LVIII. **Sawability prediction of carbonate rocks from shear strength parameters using artificial neural networks**
KAHRAMAN S., Altun H., Tezekici B., Fener M.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, vol.43, no.1, pp.157-164, 2006 (SCI-Expanded)
- LIX. **A comparative evaluation of indirect methods to estimate the compressive strength of rocks**
Fener M., KAHRAMAN S., Bilgil A., Gunaydin O.
ROCK MECHANICS AND ROCK ENGINEERING, vol.38, no.4, pp.329-343, 2005 (SCI-Expanded)
- LX. **The effect of porosity on the relation between uniaxial compressive strength and point load index**
KAHRAMAN S., Gunaydin O., Fener M.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, vol.42, no.4, pp.584-589, 2005 (SCI-Expanded)
- LXI. **Correlations between P-wave velocity and Atterberg limits of cohesive soils**
Fener M., KAHRAMAN S., Bay Y., Gunaydin O.
CANADIAN GEOTECHNICAL JOURNAL, vol.42, no.2, pp.673-677, 2005 (SCI-Expanded)
- LXII. **Predicting the sawability of carbonate rocks using multiple curvilinear regression analysis**
KAHRAMAN S., Fener M., Gunaydin O.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, vol.41, no.7, pp.1123-1131, 2004 (SCI-Expanded)
- LXIII. **Sawability prediction of carbonate rocks from brittleness indexes**
Gunaydin O., KAHRAMAN S., Fener M.
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- LXIV. **A brittleness index to estimate fracture toughness**
KAHRAMAN S., Altindag R.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, vol.41, no.2, pp.343-348, 2004 (SCI-Expanded)
- LXV. **Performance analysis of drilling machines using rock modulus ratio**

- KAHRAMAN S.
JOURNAL OF THE SOUTH AFRICAN INSTITUTE OF MINING AND METALLURGY, vol.103, no.8, pp.515-522, 2003 (SCI-Expanded)
- LXVI. **Dominant rock properties affecting the penetration rate of percussive drills**
KAHRAMAN S., Bilgin N., Feridunoglu C.
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- LXVII. **Correlation of TBM and drilling machine performances with rock brittleness**
KAHRAMAN S.
ENGINEERING GEOLOGY, vol.65, no.4, pp.269-283, 2002 (SCI-Expanded)
- LXVIII. **Predicting the Schmidt hammer values of in-situ intact rock from core sample values**
KAHRAMAN S., Fener M., Gunaydin O.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, vol.39, no.3, pp.395-399, 2002 (SCI-Expanded)
- LXIX. **The effects of fracture roughness on P-wave velocity**
KAHRAMAN S.
ENGINEERING GEOLOGY, vol.63, no.3-4, pp.347-350, 2002 (SCI-Expanded)
- LXX. **Estimating the direct P-wave velocity value of intact rock from indirect laboratory measurements**
KAHRAMAN S.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, vol.39, no.1, pp.101-104, 2002 (SCI-Expanded)
- LXXI. **Evaluation of simple methods for assessing the uniaxial compressive strength of rock**
KAHRAMAN S.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, vol.38, no.7, pp.981-994, 2001 (SCI-Expanded)
- LXXII. **A correlation between P-wave velocity, number of joints and Schmidt hammer rebound number**
KAHRAMAN S.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, vol.38, no.5, pp.729-733, 2001 (SCI-Expanded)
- LXXIII. **Prediction of the penetration rate of rotary blast hole drills using a new drillability index**
KAHRAMAN S., Balci C., Yazici S., Bilgin N.
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- LXXIV. **Rotary and percussive drilling prediction using regression analysis**
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INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, vol.36, no.7, pp.981-989, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. **A New Rock Mass Cuttability Classification for Roadheaders Used in Coal Mining**
Dibavar B., KAHRAMAN S., Rostami M., FENER M.
Mining, Metallurgy and Exploration, vol.40, no.4, pp.1141-1152, 2023 (Scopus)
- II. **The effect of clay content on the relation between uniaxial compressive strength and needle penetration index for clay-bearing rocks**
KAHRAMAN S., Aloglu A. S., Saygin E., Aydin B.
INTERNATIONAL JOURNAL OF GEO-ENGINEERING, vol.12, no.1, 2021 (ESCI)
- III. **Evaluating the grinding process of granitic rocks using the physico-mechanical and mineralogical properties**
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- JOURNAL OF METALS MATERIALS AND MINERALS, vol.29, no.2, pp.51-57, 2019 (ESCI)
- IV. **Estimation of Durability Aspects of Al Masjid Al-Haram Marble, Makkah City, Saudi Arabia**
Abd El Aal A., KAHRAMAN S.
GEOTECHNICAL AND GEOLOGICAL ENGINEERING, vol.35, no.6, pp.2763-2779, 2017 (ESCI)
- V. **Indirect Methods to Predict the Abrasion Resistance and Slake Durability of Marbles**
Abd El Aal A., KAHRAMAN S.
JOURNAL OF MOLECULAR AND ENGINEERING MATERIALS, vol.5, no.2, 2017 (ESCI)
- VI. **Rock characterization while drilling and application of roof bolter drilling data for evaluation of ground conditions**
Rostami J., KAHRAMAN S., Naeimipour A., Collins C.
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Refereed Congress / Symposium Publications in Proceedings

- I. **The Effect of Microwave Treatment on the Strength of Nigde Marble**
KAHRAMAN S., Rostami M.
2nd International conference on Mediterranean Geosciences Union, MedGU 2022, Marrakech, Morocco, 27 - 30 November 2022, pp.25-27
- II. **Evaluating the surface temperatures and the strength of igneous rocks treated by microwave**
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- III. **Predicting the noise level during sawing of carbonate rocks from the P-wave velocity**
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23rd International Congress on Acoustics, Aachen, Germany, 9 - 13 September 2019, pp.7602-7607
- IV. **The Effect of Water Saturation on the P-wave velocity of Sedimentary Rocks**
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