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Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Mining Engineering, Turkey 2014 - Continues

Postgraduate, Middle East Technical University, Faculty of Engineering, Department of Mining Engineering, Turkey 2011 - 2014

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Mining Engineering, Turkey 2007 - 2011

Dissertations

Postgraduate, Experimental and numerical analysis of effect of curing time on mechanical properties of thin spray-on liners, Middle East Technical University, Faculty of Engineering, Department of Mining Engineering, 2014

Research Areas

Production Methods (open-pit and underground), Rock Mechanics

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Mining Engineering, 2011 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Failure Analysis of Abutment-Loaded Underground Coal Mine Stoppings during Explosion**
Karadeniz K. E., Guner D., Sherizadeh T.
International Journal of Geomechanics, vol.24, no.6, 2024 (SCI-Expanded)
- II. **Laboratory and distinct element analysis of the deformability behaviour of thin spray-on liners**
Öztürk H., Güner D.
International Journal of Rock Mechanics and Mining Sciences, vol.123, 2019 (SCI-Expanded)
- III. **Experimental and modelling study on nonlinear time-dependent behaviour of thin spray-on liner**
Güner D., Öztürk H.
TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY, vol.84, pp.306-316, 2019 (SCI-Expanded)
- IV. **Creep behaviour investigation of a thin spray-on liner**
Güner D., Öztürk H.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, vol.108, pp.58-66, 2018 (SCI-Expanded)

- V. **Failure analysis of thin spray-on liner coated rock cores**
ÖZTÜRK H., GÜNER D.
ENGINEERING FAILURE ANALYSIS, vol.79, pp.25-33, 2017 (SCI-Expanded)
- VI. **Investigation of the elastic material properties of Class G cement**
Guner D., Ozturk H., Erkayaoglu M.
STRUCTURAL CONCRETE, vol.18, no.1, pp.84-91, 2017 (SCI-Expanded)
- VII. **Experimental and Numerical Analysis of the Effects of Curing Time on Tensile Mechanical Properties of Thin Spray-on Liners**
Guner D., Ozturk H.
ROCK MECHANICS AND ROCK ENGINEERING, vol.49, pp.3205-3222, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Püskürtme İnce Kaplamaların Mekanik Özelliklerinin Kür Süresine Göre Değişiminin İncelenmesi**
Güner D., Öztürk H.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.32, pp.121-132, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **FINITE ELEMENT SIMULATION ON TENSILE CREEP BEHAVIOUR OF UNDERGROUND SUPPORT LINER**
GÜNER D., ÖZTÜRK H.
XVI. INTERNATIONAL CONGRESS "MACHINES. TECHNOLOGIES. MATERIALS", Varna, Bulgaria, 11 - 14 September 2019
- II. **A 5-PARAMETER ISOTHERMAL CREEP MODEL FOR POLYMERIC LINERS**
GÜNER D., ÖZTÜRK H.
Proceedings of GSRD International Conference, Budapest, Hungary, 11 - 12 July 2019
- III. **Time-dependent material behaviour of aged surface support liner**
Güner D., Öztürk H.
6TH INTERNATIONAL GEOMECHANICS CONFERENCE, Varna, Bulgaria, 2 - 06 July 2018
- IV. **Creep modelling study of a surface support liner**
Güner D., Öztürk H.
3RD INTERNATIONAL CONFERENCE ON ENERGY ENGINEERING AND SMART MATERIALS, Milan, Italy, 22 - 24 June 2018
- V. **Tensile-Creep Test Specimen Preparation Practices of Surface Support Liners**
Güner D., Ozturk H.
3rd World Multidisciplinary Earth Sciences Symposium (WMESS), Prague, Czech Republic, 11 - 15 September 2017, vol.95
- VI. **Creep Behaviour of a Polymer-based Underground Support Liner**
Güner D., Öztürk H.
2nd International Conference on Energy Engineering and Smart Materials (ICEESM), Lyon, France, 7 - 09 July 2017, vol.1884
- VII. **Isothermal Creep Behaviour Investigation of Thin Spray-On Liners**
Güner D., Öztürk H.
51st US Rock Mechanics / Geomechanics Symposium, California, United States Of America, 25 - 28 June 2017
- VIII. **Comparison of Mechanical Properties of Thin Spray-on Liners under Tension and Compression**
GÜNER D., ÖZTÜRK H.
25th International Mining Congress of Turkey, Antalya, Turkey, 11 - 14 April 2017, pp.81-88
- IX. **Quality Assessment of Backfill Performance for an Underground Iron Mine in Turkey**
YARDIMCI A. G., TUTLUOĞLU L., KARPUZ C., ÖZTÜRK H., GÜNER D.

Ground Support 2016, 12 - 14 September 2016

X. Scale effect of thin spray on liners for pillar reinforcement

GÜNER D., ÖZTÜRK H.

Ground Support 2016, 12 - 14 September 2016

XI. Quality Assessment of Backfill Performance for an Underground Iron Mine in Turkey

Yardimci A. G., Tutluoğlu L., Karpuz C., Ozturk H., Güner D.

Ground Support 2016, Lulea, Sweden, 12 - 14 September 2016

XII. New Performance Criterion for Thin Spray on Liners Tensile Toughness

Güner D., Öztürk H.

50th U.S. Rock Mechanics/Geomechanics Symposium, 26-29 June, Houston, California, United States Of America, 26 - 29 June 2016

XIII. Effect of Curing Time on Elastic Material Properties of Thin Spray on Liners

Güner D., Öztürk H.

MPES 2015, Antalya, Turkey, 12 - 14 September 2015

XIV. Importance of Displacement Measurement Location of Polymeric Dogbone Tensile Test Specimens

Güner D., Öztürk H.

4th International Symposium Frontiers in Polymer Science, At Riva Del Garda, Italy, Rome, Italy, 22 - 24 May 2015

XV. Comparison of Mechanical Behaviour of G Class Cements for different Curing Time

Güner D., Öztürk H.

25th IMCET, Antalya, Turkey, 14 - 17 April 2015, pp.445-451

XVI. Comparison of Mechanical Behaviour of G Class Cements for different Curing Time

GÜNER D., ÖZTÜRK H. I.

24th INTERNATIONAL MINING CONGRESS OF TURKEY, Antalya, Turkey, 14 - 17 April 2015, pp.445-451

Supported Projects

ÖZTÜRK H., GÜNER D., Project Supported by Higher Education Institutions, Püskürtülen İnce Kaplamaların Elastik Özelliklerinin Ve Çekme Dayanımlarının Belirlenmesi, 2012 - 2013

Metrics

Publication: 24

Citation (WoS): 66

Citation (Scopus): 72

H-Index (WoS): 5

H-Index (Scopus): 5

Awards

Güner D., Madencilik Alanında Yılın Tezi Ödülü, Yurt Madenciliğini Geliştirme Vakfı, May 2014