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Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Geomechanical Monitoring of an Underground Bulk Mining Operation Using a Novel Distributed Optical Fiber Strain Sensing Method**
Nowak S., Sherizadeh T., Esmaeelpour M., Brooks P., Guner D., Karadeniz K. E., Wurst G., Kirmaci A.
MINING METALLURGY & EXPLORATION, vol.41, no.3, pp.1553-1565, 2024 (SCI-Expanded)
- II. **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)
- III. **Numerical back analysis of an underground bulk mining operation using distributed optical fiber sensors for model calibration**
Nowak S., Sherizadeh T., Esmaeelpour M., Brooks P., Guner D., Karadeniz K. E.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.83, no.3, 2024 (SCI-Expanded)
- IV. **Distinct Element Analysis for the Effectiveness of Preliminary Coal Pillar Rib Support Systems Based on the Strength Reduction Method Using Coal Mass Constitutive Model**
Guner D., Sherizadeh T., Nowak S., Karadeniz K. E., Sunkpal M.
MINING METALLURGY & EXPLORATION, vol.40, pp.1535-1546, 2023 (SCI-Expanded)
- V. **Dynamic Response Analysis of a Reinforced Concrete Structure in Underground Coal Mine Environment with Various Strata Conditions**
KARADENİZ K. E., Nowak S., Guner D., Sherizadeh T.
MINING METALLURGY & EXPLORATION, vol.40, no.2, pp.563-581, 2023 (SCI-Expanded)
- VI. **Hybrid Fiber Optic Cable for Strain Profiling and Crack Growth Measurement in Rock, Cement, and Brittle Installation Media**
Nowak S., Sherizadeh T., Esmaeelpour M., Guner D., Karadeniz K. E.
SENSORS, vol.22, no.24, 2022 (SCI-Expanded)
- VII. **Evaluation on Underground Refuge Alternatives and Explosion Survivability: a Review**
Karadeniz K. E., Nowak S., Guner D., Sherizadeh T.
MINING METALLURGY & EXPLORATION, vol.39, no.6, pp.2311-2331, 2022 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **IN-SITU STRESS NUMERICAL MODELLING USING BOREHOLE BREAKOUTS**
KARADENİZ K. E., ÖZTÜRK H.

16th MILAN-ITALY International Conference on Advances in Science, Engineering and Healthcare (IASEH-19),
Milan, Italy, 5 - 07 August 2019

II. ESTIMATION OF HORIZONTAL PRINCIPAL STRESS ORIENTATION USING FMI LOG FOR A MINING PROJECT

KARADENİZ K. E., ÖZTÜRK H.

26th International Mining Congress and Exhibition of Turkey, Antalya, Turkey, 16 - 19 April 2019

Metrics

Publication: 9

Citation (WoS): 14

Citation (Scopus): 18

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H-Index (Scopus): 3