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Personal Information

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Education Information

Doctorate, Colorado School of Mines, School Of Engineering, Department Of Geology And Geological Engineering / Economic Geology, United States Of America 1997 - 2001

Postgraduate, Colorado School of Mines, School Of Engineering, Department Of Geology And Geological Engineering / Economic Geology, United States Of America 1995 - 1997

Undergraduate, Karadeniz Technical University, Mühendislik Mimarlık Fakültesi, Jeoloji Mühendisliği, Turkey 1989 - 1993

Research Areas

Geological Engineering, Ore Deposits-Geochemistry, Engineering and Technology

Academic Titles / Tasks

Professor, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Jeoloji Mühendisliği, 2015 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A prospective sector in the Tethyan Metallogenic Belt: Geology and geochronology of mineral deposits in the Biga Peninsula, NW Turkey**
Yigit O.
ORE GEOLOGY REVIEWS, vol.46, pp.118-148, 2012 (SCI-Expanded)
- II. **Discovered and undiscovered gold endowment of Turkey: a quantitative mineral resource assessment using GIS and rank statistical analysis**
Yigit O.
MINERALIUM DEPOSITA, vol.47, no.5, pp.521-534, 2012 (SCI-Expanded)
- III. **Mineral Deposits of Turkey in Relation to Tethyan Metallogeny: Implications for Future Mineral Exploration**
Yigit O.
ECONOMIC GEOLOGY, vol.104, no.1, pp.19-51, 2009 (SCI-Expanded)
- IV. **"Gold in Turkey - A missing link in Tethyan metallogeny" [Ore Geology Reviews 28, 147-179] - Reply**
Yigit O.
ORE GEOLOGY REVIEWS, vol.30, no.2, pp.141-142, 2007 (SCI-Expanded)
- V. **Geology and geochemistry of jasperoids from the Gold Bar district, Nevada**
Yigit O., HOFSTRA A. H., HITZMAN M. W., NELSON E. P.
MINERALIUM DEPOSITA, vol.41, no.6, pp.527-547, 2006 (SCI-Expanded)
- VI. **Gold in Turkey - a missing link in Tethyan metallogeny**

Yigit O.

ORE GEOLOGY REVIEWS, vol.28, no.2, pp.147-179, 2006 (SCI-Expanded)

VII. Structural controls on Carlin-type gold mineralization in the Gold Bar district, Eureka county, Nevada

Yigit O., NELSON E., HITZMAN M., HOFSTRA A.

ECONOMIC GEOLOGY AND THE BULLETIN OF THE SOCIETY OF ECONOMIC GEOLOGISTS, vol.98, no.6, pp.1173-1188, 2003 (SCI-Expanded)

VIII. Lithogeochemistry of Carlin-type gold mineralization in the Gold Bar district, Battle Mountain-Eureka trend, Nevada

Yigit O., HOFSTRA A.

ORE GEOLOGY REVIEWS, vol.22, pp.201-224, 2003 (SCI-Expanded)

IX. Early Tertiary epithermal gold mineralization, Bahcecik prospect, northeastern Turkey

Yigit O., NELSON E., HITZMAN M.

MINERALIUM DEPOSITA, vol.35, no.7, pp.689-696, 2000 (SCI-Expanded)

Articles Published in Other Journals

I. Gold Metallogeny of Turkey – A Quantitative Assessment

YİĞİT Ö.

Mining Turkey, vol.5, no.9, pp.44-47, 2015 (Peer-Reviewed Journal)

II. Industrial Minerals and Rocks of Turkey – Production Assessment and Implications

YİĞİT Ö.

Mining Turkey, vol.4, no.8, pp.24-28, 2015 (Peer-Reviewed Journal)

III. Appraisal of Industrial Minerals in Turkey

YİĞİT Ö.

Industrial Minerals, pp.60-63, 2014 (Peer-Reviewed Journal)

IV. A Decade of Modern Gold Exploration in the Ancient Land of Turkey

YİĞİT Ö.

Mining Turkey, vol.3, no.6, pp.28-31, 2014 (Peer-Reviewed Journal)

V. Untapped gold lures more explorers

YİĞİT Ö.

Mining Journal, no.1, pp.3-5, 2011 (Peer-Reviewed Journal)

VI. Mineral Exploration: What, Where and Why in Turkey

YİĞİT Ö.

Mining Turkey, no.1, pp.12-19, 2011 (Peer-Reviewed Journal)

VII. Bright prospects for gold explorers

YİĞİT Ö.

Mining Journal, no.1, pp.3-7, 2010 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Geochronology of Magmatism and Metallogeny of Turkey: Endowed Terranes in the Tethyan Metallogenic Belt

YİĞİT Ö.

8th Geochemistry Symposium, 02-06 May 2018, Manavgat, Antalya, Turkey, 2 - 06 May 2018

II. Rank statistical analysis of gold endowment in terranes of differing exploration maturity: Selected examples from Turkey and Southern Africa

Hunt J. P. P. M., YİĞİT Ö.

Tethyan Tectonics and Metallogeny, İzmir, Turkey, 25 - 28 September 2016

- III. **Effective use of whole-rock lithogeochemistry in mineral exploration: examples from Biga Peninsula, northwestern Turkey**
YİĞİT Ö.
7th Geochemistry Symposium, Antalya, Turkey, 16 - 18 May 2016, vol.1, pp.78-79
- IV. **Gold Metallogeny of Turkey – Quantitative Assessment and Exploration Considerations**
YİĞİT Ö.
MTA 80. Yıl Sempozyumu, Ankara, Turkey, 1 - 03 December 2015, vol.1, pp.49-50
- V. **Broken Terranes and Concentrated Ore Deposits - Tethyan Metallogeny of Turkey**
YİĞİT Ö.
MTA 80. Yıl Sempozyumu, Ankara, Turkey, 1 - 03 December 2015, vol.1, pp.35-36
- VI. **Is Water-Rock Interaction a Credible Path to Determine Earthquake Related Signals Based on Thermodynamic Constraints? Target Terrains in Biga Peninsula, NW Turkey**
Çetiner Z., YİĞİT Ö., Filiz N., Bakırcı M., Bodur H.
5th International Earthquake Symposium, Kocaeli, Turkey, 10 - 12 June 2015, vol.1, pp.296-297
- VII. **IS WATER-ROCK INTERACTION A CREDIBLE PATH TO DETERMINE EARTHQUAKE RELATED SIGNALS BASED ON THERMODYNAMIC CONSTRAINTS? TARGET TERRAINS IN BİGA PENINSULA, NW TURKEY**
ÇETİNER S. Z., Yiğit Ö., Filiz N., Bakırcı M., Bodur H.
5th International Earthquake Symposium, Kocaeli, Turkey, 10 - 12 June 2015, pp.9
- VIII. **Heat Flow and Gold Mineralization in The Tethyan Metallogenic Belt: Exploration Hot Spots in Turkey**
YİĞİT Ö.
The 8th International Symposium on Eastern Mediterranean Geology, ISEMG2014, Muğla, Turkey, 13 - 17 October 2014, vol.1, pp.112
- IX. **Discovered and undiscovered gold endowment of Turkey: a quantitative mineral resource assessment and mineral prospectivity analysis using GIS and Zipf's Law**
YİĞİT Ö.
International Earth Science Colloquium on the Aegean Region, IESCA2012, İzmir, Turkey, 1 - 05 October 2012, vol.1, pp.133
- X. **Spatial and temporal relationships of mineral deposits in the Tethyan Metallogenic Belt, Biga Peninsula, NW Turkey: implications for exploration**
YİĞİT Ö.
International Earth Science Colloquium on the Aegean Region, IESCA2012, İzmir, Turkey, 1 - 05 October 2012, vol.1, pp.135
- XI. **Recent Discoveries and Exploration Trends in Turkey**
Yigit O.
9th Biennial Meeting of the Society for Geology Applied to Mineral Deposits, Dublin, Ireland, 20 - 23 August 2007, pp.109-112
- XII. **Paleozoic structural controls on Tertiary gold mineralization in the Gold Canyon deposit, Eureka County, Nevada**
YİĞİT Ö., Nelson E. P.
Geology and Ore Deposits 2000: The Great Basin and Beyond: Geological Society of Nevada, Nevada, United States Of America, 15 - 18 May 2000, vol.1, pp.563-566
- XIII. **Geologic and Petrographic Investigation of the Dereli Barite Deposit, Giresun, Turkey**
Aslaner M., YİĞİT Ö.
30th Year Symposium of the Department of Geological Engineering, Black Sea Technical University, Trabzon, Turkey, 16 - 20 October 1996, vol.1, pp.140-154

Activities in Scientific Journals

Turkish Journal of Earth Science, Committee Member, 2013 - Continues

Memberships / Tasks in Scientific Organizations

Sigma Xi The Scientific Research Society, Member, 2001 - Continues

SGA Society for Geology Applied to Mineral Deposits, Member, 2000 - Continues

SEG Society of Economic Geologists (Fellow), Member, 1998 - Continues

JMO Jeoloji Mühendisleri Odası, Member, 1993 - Continues

Metrics

Publication: 29

Citation (WoS): 380

Citation (Scopus): 343

H-Index (WoS): 8

H-Index (Scopus): 7